

*marinetech*



STAINLESS STEEL

marine accessories · industrial equipment · architecture · fasteners

**2016/17**







Unser neues Firmengebäude ab September 2016 / Our new company premises in September 2016

## Marinetech

**Herzlich willkommen bei Marinetech, einem der größten europäischen Anbieter für rostfreies Boots- und Yachtzubehör sowie Edelstahlverbindungselemente.**

Die Marinetech GmbH mit Sitz in Bremen ist heute einer der größten Anbieter Europas für rostfreies Boots- und Yachtzubehör und Edelstahlverbindungselemente.

Zur Bündelung der vorhandenen Kräfte und weiterer Entwicklung aller Produkt- und Servicebereiche wird im September 2016 ein neues Firmengebäude bezogen. Direkt am Flussufer der Weser gebaut, pflegen wir auch weiterhin maritime Traditionen und hanseatische Tugenden.

Auf der zukünftig vierfachen Fläche können wir für Sie aus dem Vollen schöpfen: Mehr als 6.000 qm Lagerfläche, ein automatisches Kleinteilelager mit 36.000 Stellplätzen, 3.000 Palettenplätzen und ein Langgutlager stellen die jederzeit hohe Artikelverfügbarkeit und optimale Logistik sicher.

Viel Spaß und Erfolg mit unserem aktuellen Katalog und immer eine handbreit Wasser unter'm Kiel.

## Marinetech

**Welcome at Marinetech, one of Europe's largest providers of rustproof boat and yacht accessories as well as stainless steel connecting parts.**

Marinetech GmbH is based in Bremen and is one of the largest providers of rustproof boat and yacht accessories as well as stainless steel connecting parts in Europe.

In order to combine resources and to further develop all of our product lines and services, we will move into new company premises in September 2016. The building is located right on the bank of the river Weser which allows us to maintain our maritime traditions as well as Hanseatic virtues.

We will be quadrupling our surface space to provide even better service for our customers: 6,000 m<sup>2</sup> of storage space, a fully automated small-parts warehouse with 36,000 storage positions, 3,000 pallet storage positions as well as the long-goods storage area will ensure the availability of parts as well as optimized logistics.

We hope you enjoy our current catalogue and hope for Fair Winds and Following Seas.

## Neue Adresse ab September 2016 / New Address from September 2016

Marschgehren 16 · 28779 Bremen  
Deutschland / Germany

Stand 01/2016



## Wir definieren Service neu

Service schreiben viele Unternehmen groß. Wir belegen diese Behauptung aber gerne mit Fakten.

### Unser Sortiment

Wir bieten eines der größten Edelstahlsortimente Europas für den Yacht- und Bootszubehörbereich. Über 29000 Artikel haben wir derzeit ständig im Angebot. Und es wächst noch weiter.

### Unsere Lieferquote

Eine große Auswahl ist nicht alles. Im Zeitalter der schlanken Produktion ist die ständige Lieferbarkeit der Artikel nicht weniger wichtig. Wir achten bei der Lagerhaltung darauf, dass wir alle Kundenanfragen direkt und schnell bedienen können. Und das mit Erfolg – unsere Lieferquote liegt über 98%.

### Unsere Produktqualität

Unsere Kunden schätzen die hochwertige Qualität der angebotenen Produkte. Diesem Anspruch werden wir durch eine sorgfältige Auswahl unserer Lieferanten und die ständige Kontrolle von der Produktion bis zum Eingang in unserem Lager gerecht.

### Unsere Zuverlässigkeit und Erfahrung

Nicht nur die hohe Lieferquote ist ein Garant für unsere Zuverlässigkeit sondern darüber hinaus auch die Organisation unserer Betriebsabläufe und nicht zuletzt auch die Erfahrung im Handel mit Edelstahlprodukten für den maritimen Bereich. Diese Erfahrung kommt uns insbesondere bei der Recherche nach neuen Produkten und der Bewertung und Auswahl von neuen Lieferanten zugute.

### Unsere Kunden

Unser Kundenstamm ist vielfältig und umfasst Werften, Industrie und Handel. So unterschiedlich wie die Branchen sind, in denen unsere Kunden zu finden sind, so unterschiedlich auch ihre Anforderungen.

Diesen Anforderungen stellen wir uns mit größtmöglicher Flexibilität. Sollten wir Anfragen trotz unseres umfangreichen Sortiments nicht direkt bedienen können, erarbeiten wir mit unseren Kunden alternative Lösungen. Oder wir machen uns auf die Suche nach dem passenden Artikel.

## Wie können wir Ihnen helfen?

## We redefine service

Many companies advertise good service. We support our claim of great service with facts.

### Our products

We offer one of Europe's largest selection of stainless steel yacht and boat accessories. We continuously have more than 29000 items in stock and our product range is still growing.

### Our delivery rate

A large selection is not the only important factor. In the age of lean production, a constant availability of products is no less important. Our storage system allows serving all customer requests directly and quickly – our on time delivery rate is > 98%.

### Our product quality

Our customers appreciate the high quality of our products. We attain these high standards of quality through careful selection of our suppliers and constant monitoring from production through receipt in our warehouse.

### Our reliability and experience

In addition to our high on time delivery rate, our efficient operating procedures and extensive experience in the stainless steel product market for the maritime sector are a guarantee for our reliability.

We particularly benefit from this experience when researching new products and evaluating and selecting new suppliers.

### Our customers

Our customer base is diverse and includes shipyards, industry and trade. The requirements of our customers are as diverse as the industries they work in.

We face these requirements with the greatest possible flexibility. If we cannot immediately fulfill requests despite our extensive selection, we work out alternative solutions in collaboration with our customers or go looking for the perfect item.

## How may we help you?



## Wir setzen auf Qualität

Die von uns vertriebenen Artikel unterliegen einer ständigen Qualitätskontrolle. Die Zusammensetzung des Edelstahls prüfen wir chargenmäßig bei allen Anlieferungen. Damit stellen wir fest, ob die Artikel den Spezifikationen der jeweiligen Edelnormen entsprechen.

Wir setzen zur RFA-Analyse das INNOV-X ALPHA der Firma Olympus ein. Hierbei handelt es sich um ein mobiles Prüfgerät, das mit Röntgenröhren arbeitet. Röntgenröhren sind seit Langem als die vielseitigsten, leistungsstärksten Anregungsquellen für RFA-Analysen anerkannt. Die INNOV-X-Systeme sind die ersten mobilen Prüfgeräte, die diese Technologie nutzen. Damit können nicht nur vielfältige Produkte, Materialien und Oberflächen untersucht werden. Die sogenannte SmartBeam-Technologie sorgt für niedrige Nachweisgrenzen verschiedener Beimengungen in Legierungen.

Auf Kundenwunsch und bei ausgewählten Produkten erfolgen spezielle Materialprüfungen extern im Labor der F+K mit Sitz in Wetter.

## We focus on quality

The items we sell are subject to continuous quality control. We check the composition of the stainless steel per batch for all deliveries, and determine whether the items comply with the specifications of the respective stainless steel standards.

For XRF analysis we use the INNOV-X ALPHA by Olympus. This is a mobile testing device that uses X-ray tubes. For a long time, X-ray tubes have been recognized as the most versatile, most efficient excitation sources for XRF analyses. The INNOV-X systems are the first mobile testing devices to use this technology. This allows testing a variety of products, materials and surfaces. The so-called SmartBeam technology permits low detection limits for various additives in alloys.

Upon customer request and for selected products, special material tests are carried out externally in the laboratory of the F+K based in Wetter.



## Our warehouse - your advantage

Our parent company has 4000 different items in store at any time. Additionally, there are 25000 fastening items in store at the external logistics centre. Overall, our selection includes approximately 30000 boat and yachting accessories as well as stainless steel components.

We use state-of-the-art logistics processes in our warehouses and keep the systems we use up to date. This helps us maintain our extraordinarily high delivery quota and short delivery times. Every step in the supply chain is transparent for us and our customers.

Every day hundreds of shipments leave our warehouse. We ship by forwarding company, parcel service or collection. Upon request we of course also offer express delivery or use courier services.

The shipping companies commissioned by us are carefully selected and well known for their reliability.

## Unser Lager - Ihr Vorteil

In unserem Stammbetrieb halten wir ständig 4000 unterschiedliche Artikel vor. Hinzu kommt unser externes Logistikzentrum mit 25000 verschiedenen Befestigungselementen. Insgesamt umfasst unser Sortiment rund 30000 Artikel aus den Bereichen Boots- und Yachtbedarf sowie der Edelstahlverbindungen.

Wir halten die Logistikprozesse in unseren Lagern ständig auf der Höhe der Zeit und die eingesetzten Systeme immer aktuell. Damit können wir unsere äußerst hohe Lieferquote und auch kürzeste Lieferzeiten ermöglichen. Und jeder Schritt in der Logistikkette ist für uns und unsere Kunden nachvollziehbar.

Täglich verlassen mehrere Hundert Sendungen unsere Lager. Wir versenden per Spedition, Paketdienst oder Abholung. Auf Kundenwunsch bieten wir selbstverständlich auch Expressversand an oder setzen Botendienste ein.

Die von uns beauftragten Versandunternehmen sind sorgfältig ausgewählt und für ihre Zuverlässigkeit bekannt.

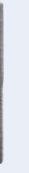
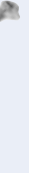
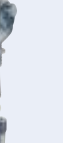
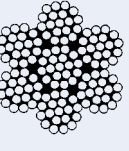
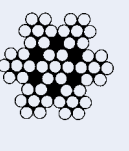
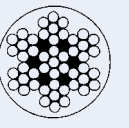
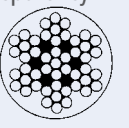
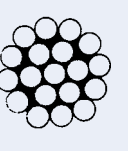
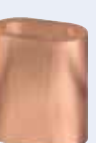




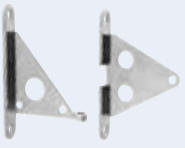
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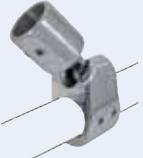
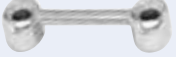
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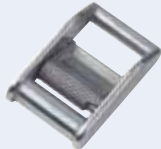
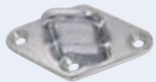
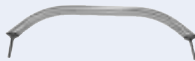
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| 8455                                                                                | P. 81 | 8456                                                                                | P. 81 | 8457                                                                                | P. 81 | 8451                                                                                | P. 82 | 8466                                                                                  | P. 82 | 8469                                                                                  | P. 82 |
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| 8462                                                                                | P. 87 | 8463                                                                                | P. 88 | 8499                                                                                | P. 88 | 8502                                                                                | P. 88 | Kapitel 4                                                                             | P. 89 | 8762                                                                                  | P. 90 |
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| 8292                                                                                | P. 90 | 8354                                                                                | P. 90 | 8357                                                                                | P. 90 | 8532                                                                                | P. 91 | 814642                                                                                | P. 91 | 8531                                                                                  | P. 91 |
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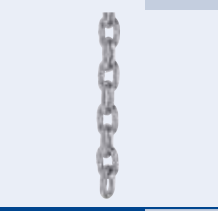
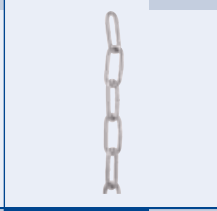
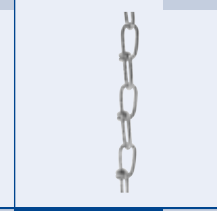
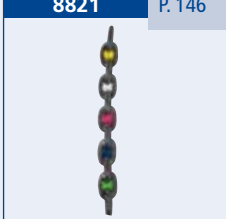
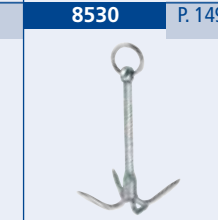
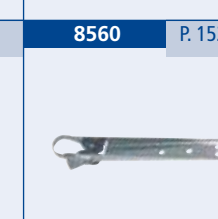
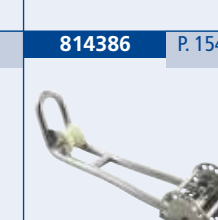
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| <b>8546</b>                                                                         | P. 91  | <b>814316</b>                                                                       | P. 92  | <b>814304</b>                                                                       | P. 92  | <b>814305</b>                                                                        | P. 92  | <b>814306</b>                                                                         | P. 92  | <b>814307</b>                                                                         | P. 93  |
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| <b>8908</b>                                                                         | P. 97  | <b>8909</b>                                                                         | P. 97  | <b>8612</b>                                                                         | P. 97  | <b>8613</b>                                                                          | P. 98  | <b>8614</b>                                                                           | P. 98  | <b>8615</b>                                                                           | P. 98  |
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| <b>8207</b>                                                                         | P. 102 | <b>814410</b>                                                                       | P. 103 | <b>8702</b>                                                                         | P. 103 | <b>814684</b>                                                                        | P. 103 | <b>814685</b>                                                                         | P. 103 | <b>814589</b>                                                                         | P. 104 |
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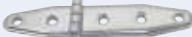
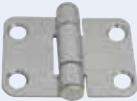
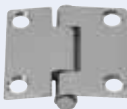
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| 8214                                                                                | P. 106 | 8212                                                                                | P. 106 | 8310                                                                                | P. 106 | 8662                                                                                | P. 107 | 814781                                                                                | P. 107 | 814782                                                                                | P. 107 |
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| 814783                                                                              | P. 107 | 8216                                                                                | P. 108 | 8327                                                                                | P. 108 | 8663                                                                                | P. 108 | 8309                                                                                  | P. 108 | 8658                                                                                  | P. 109 |
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| 8665                                                                                | P. 109 | 8478                                                                                | P. 109 | 814048                                                                              | P. 109 | 8328                                                                                | P. 110 | 8329                                                                                  | P. 110 | 8856                                                                                  | P. 110 |
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| 8652                                                                                | P. 112 | 8819                                                                                | P. 112 | 8820                                                                                | P. 112 | 814730                                                                              | P. 113 | 814116                                                                                | P. 113 | 814808                                                                                | P. 113 |
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| 8542                                                                                | P. 113 | 814207                                                                              | P. 114 | 8366                                                                                | P. 114 | 8698                                                                                | P. 114 | 8699                                                                                  | P. 114 | 8697                                                                                  | P. 115 |
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| 8666                                                                                | P. 115 | 8668                                                                                | P. 115 | 8667                                                                                | P. 115 | 8696                                                                                | P. 116 | 8839                                                                                  | P. 116 | 814756                                                                                | P. 116 |
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| 814807                                                                              | P. 116 | 814742                                                                              | P. 117 | 814743                                                                              | P. 117 | 814693                                                                              | P. 118 | 814392                                                                                | P. 118 | 814728                                                                                | P. 118 |
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| 814035 | P. 118 | 814760         | P. 119 | 814036 | P. 119 | 814761         | P. 119 | 814037 | P. 119 | 81814762       | P. 120 |
|        |        | <b>NEW</b><br> |        |        |        | <b>NEW</b><br> |        |        |        | <b>NEW</b><br> |        |
| 814038 | P. 120 | 814763         | P. 120 | 814039 | P. 120 | 814040         | P. 121 | 814041 | P. 121 | 814228         | P. 121 |
|        |        | <b>NEW</b><br> |        |        |        |                |        |        |        |                |        |
| 814229 | P. 121 | 814230         | P. 122 | 814231 | P. 122 | 814232         | P. 122 | 814233 | P. 122 | 814234         | P. 123 |
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| 814236 | P. 123 | 814249         | P. 123 | 814315 | P. 123 | 814237         | P. 124 | 814238 | P. 124 | 814239         | P. 124 |
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| 814240 | P. 124 | 814241         | P. 125 | 814242 | P. 125 | 814243         | P. 125 | 814244 | P. 125 | 814245         | P. 126 |
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| 814246 | P. 126 | 814247         | P. 126 | 814248 | P. 126 | 814411         | P. 127 | 814412 | P. 127 | 814413         | P. 127 |
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| 814414 | P. 127 | 814415         | P. 128 | 814210 | P. 128 | 8226           | P. 128 | 8227   | P. 128 | 8855           | P. 129 |
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| 814658 | P. 129 | 8860           | P. 129 | 8540   | P. 129 | 8541           | P. 130 | 814655 | P. 130 | 8496           | P. 130 |
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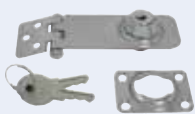
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| 8543                                                                                              | P. 130 | 8764                                                                                            | P. 131 | 8497                                                                                            | P. 131 | 8831                                                                                            | P. 131 | 8829                                                                                  | P. 131 | 8823                                                                                  | P. 133 |
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| 814106                                                                                            | P. 133 | 814836                                                                                          | P. 133 | 814837                                                                                          | P. 133 | 814838                                                                                          | P. 134 | 8224                                                                                  | P. 134 | 8814                                                                                  | P. 134 |
|                  |        | <b>NEW</b><br> |        | <b>NEW</b><br> |        | <b>NEW</b><br> |        |    |        |    |        |
| 8223                                                                                              | P. 134 | 8224                                                                                            | P. 135 | 8225                                                                                            | P. 135 | 814784                                                                                          | P. 135 | 8266                                                                                  | P. 135 | 8264                                                                                  | P. 136 |
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| 8265                                                                                              | P. 136 | 8365                                                                                            | P. 136 | 8397                                                                                            | P. 136 | 8396                                                                                            | P. 137 | 8353                                                                                  | P. 137 | 8368                                                                                  | P. 137 |
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| 814785                                                                                            | P. 137 | 8972                                                                                            | P. 138 | 814657                                                                                          | P. 138 | 814117                                                                                          | P. 138 | 814118                                                                                | P. 138 | 8344                                                                                  | P. 139 |
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| 8263                                                                                              | P. 139 | 814100                                                                                          | P. 139 | 814601                                                                                          | P. 140 | 814115                                                                                          | P. 140 | 8439                                                                                  | P. 140 | 8440                                                                                  | P. 140 |
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| 814595                                                                                            | P. 141 | 814721                                                                                          | P. 141 | 8507                                                                                            | P. 141 | 8442                                                                                            | P. 141 | 814189                                                                                | P. 142 | 814190                                                                                | P. 142 |
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| 8587                                                                                              | P. 142 | 8586                                                                                            | P. 142 | 8603                                                                                            | P. 143 | 8604                                                                                            | P. 143 | 8720                                                                                  | P. 143 | 8472                                                                                  | P. 143 |
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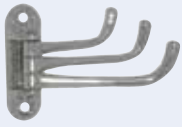
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| <b>Kapitel 5</b><br> | P. 144 | <b>8300</b><br>     | P. 145 | <b>8301</b><br>     | P. 145 | <b>8747</b><br>                | P. 146 | <b>8695</b><br>              | P. 146 | <b>814780</b><br> <b>NEW</b> | P. 146 |
| <b>8821</b><br>      | P. 146 | <b>814654</b><br>   | P. 147 | <b>8253</b><br>     | P. 147 | <b>8838</b><br>                | P. 147 | <b>814786</b><br> <b>NEW</b> | P. 147 | <b>8489</b><br>              | P. 148 |
| <b>8363</b><br>      | P. 148 | <b>8286</b><br>     | P. 148 | <b>8385</b><br>     | P. 148 | <b>8414</b><br>                | P. 148 | <b>8376</b><br>              | P. 149 | <b>8530</b><br>              | P. 149 |
| <b>8547</b><br>     | P. 149 | <b>814072</b><br>  | P. 150 | <b>8460</b><br>    | P. 150 | <b>814302</b><br>             | P. 150 | <b>8506</b><br>             | P. 150 | <b>8352</b><br>             | P. 151 |
| <b>8608</b><br>    | P. 151 | <b>814652</b><br> | P. 151 | <b>814663</b><br> | P. 151 | <b>8388</b><br>              | P. 152 | <b>8487</b><br>            | P. 152 | <b>8560</b><br>            | P. 152 |
| <b>8595</b><br>    | P. 152 | <b>8566</b><br>   | P. 153 | <b>814091</b><br> | P. 53  | <b>814769</b><br> <b>NEW</b> | P. 153 | <b>814084</b><br>          | P. 153 | <b>814386</b><br>          | P. 154 |
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| <b>8234</b><br>    | P. 156 | <b>8235</b><br>   | P. 156 | <b>8236</b><br>   | P. 156 | <b>8237</b><br>              | P. 157 | <b>8233</b><br>            | P. 157 | <b>8239</b><br>            | P. 157 |

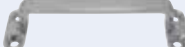
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| 8238 P. 157                                                                         | 8514 P. 158                                                                         | 8513 P. 158                                                                         | 814045 P. 158                                                                       | 8512 P. 158                                                                           | 814033 P. 159                                                                         |
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| 814796 P. 159 <b>NEW</b>                                                            | 814797 P. 159 <b>NEW</b>                                                            | 814798 P. 159 <b>NEW</b>                                                            | 814799 P. 160 <b>NEW</b>                                                            | 814800 P. 160 <b>NEW</b>                                                              | 814801 P. 160 <b>NEW</b>                                                              |
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| 814802 P. 160 <b>NEW</b>                                                            | 8429 P. 161                                                                         | 8430 P. 161                                                                         | 8573 P. 161                                                                         | 8574 P. 161                                                                           | 8575 P. 162                                                                           |
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| 8569 P. 162                                                                         | 814158 P. 162                                                                       | 814159 P. 162                                                                       | 814160 P. 163                                                                       | 814161 P. 163                                                                         | 814162 P. 163                                                                         |
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| 814163 P. 163                                                                       | 814164 P. 164                                                                       | 814165 P. 164                                                                       | 8568 P. 164                                                                         | 8578 P. 164                                                                           | 8572 P. 165                                                                           |
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| 8571 P. 165                                                                         | 8570 P. 165                                                                         | 8576 P. 165                                                                         | 8577 P. 166                                                                         | 8567 P. 166                                                                           | 8896 P. 166                                                                           |
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| 8859 P. 166                                                                         | 814750 P. 167 <b>NEW</b>                                                            | 814751 P. 167 <b>NEW</b>                                                            | 814752 P. 167 <b>NEW</b>                                                            | 814753 P. 167 <b>NEW</b>                                                              | 814754 P. 169 <b>NEW</b>                                                              |
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| 8858 P. 169                                                                         | 8897 P. 169                                                                         | 8900 P. 169                                                                         | 8981 P. 170                                                                         | 8901 P. 170                                                                           | 8902 P. 170                                                                           |
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| 8903                                                                                | P. 170 | 8982                                                                                | P. 171 | 8904                                                                                | P. 171 | 8905                                                                                 | P. 171 | 8906                                                                                  | P. 171 | 8952                                                                                  | P. 172 |
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| 814125                                                                              | P. 173 | 8917                                                                                | P. 174 | 8918                                                                                | P. 174 | 8919                                                                                 | P. 174 | 8920                                                                                  | P. 174 | 8921                                                                                  | P. 175 |
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| 8922                                                                                | P. 175 | 8923                                                                                | P. 175 | 8924                                                                                | P. 175 | 8925                                                                                 | P. 176 | 8926                                                                                  | P. 176 | 8927                                                                                  | P. 176 |
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| 8928                                                                                | P. 176 | 8929                                                                                | P. 177 | 8930                                                                                | P. 177 | 8931                                                                                 | P. 177 | 8932                                                                                  | P. 177 | 8933                                                                                  | P. 178 |
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| 8670                                                                                | P. 178 | 8671                                                                                | P. 78  | 8678                                                                                | P. 178 | 8676                                                                                 | P. 179 | 814738                                                                                | P. 179 | 8677                                                                                  | P. 179 |
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| 8675                                                                                | P. 179 | 8674                                                                                | P. 180 | 814820                                                                              | P. 180 | 814821                                                                               | P. 180 | 814822                                                                                | P. 180 | 814823                                                                                | P. 181 |
|  |        |  |        |  | NEW    |  | NEW    |  | NEW    |  | NEW    |
| 814824                                                                              | P. 181 | 814825                                                                              | P. 181 | 814826                                                                              | P. 181 | 814827                                                                               | P. 182 | 8321                                                                                  | P. 182 | 8428                                                                                  | P. 182 |
|  | NEW    |  | NEW    |  | NEW    |  | NEW    |  |        |  |        |



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| 8588 P. 183                                                                         | 8854 P. 183                                                                         | 8519 P. 183                                                                         | 8518 P. 183                                                                          | 8717 P. 184                                                                           | 814666 P. 184                                                                         |
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| 814667 P. 184                                                                       | 8834 P. 184                                                                         | 8818 P. 185                                                                         | 8648 P. 185                                                                          | 814060 P. 185                                                                         | 814726 P. 185                                                                         |
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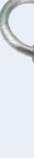
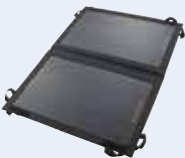
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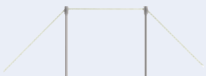
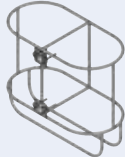
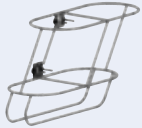
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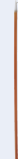
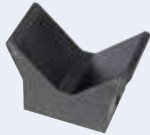
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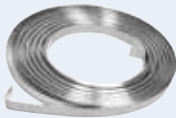
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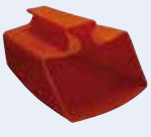
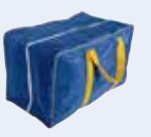
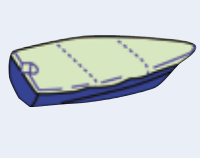
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|  |  <b>NEW</b> |  <b>NEW</b> |             |             |             |
| 814226 P. 317                                                                       | 814803 P. 318                                                                                  | 814804 P. 318                                                                                  | 814805 P. 318                                                                                  | 8277 P. 318                                                                                      | 814806 P. 319                                                                                    |
|  |  <b>NEW</b> |  <b>NEW</b> |  <b>NEW</b> |             |  <b>NEW</b> |
| 814227 P. 319                                                                       | 814250 P. 319                                                                                  | 8415 P. 319                                                                                    | 814815 P. 320                                                                                  | 814816 P. 320                                                                                    | Kapitel 10 P. 321                                                                                |
|  |             |             |  <b>NEW</b> |  <b>NEW</b> |             |
| 8748 P. 322                                                                         | 814757 P. 322                                                                                  | 8605 P. 322                                                                                    | 8620 P. 322                                                                                    | 8639 P. 323                                                                                      | 8749 P. 323                                                                                      |
|  |  <b>NEW</b> |             |             |             |             |

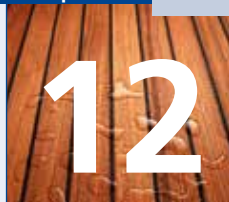
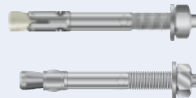
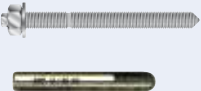
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| 8893                                                                                | P. 323 | 8621                                                                                | P. 323 | 8745                                                                                | P. 324 | 8638                                                                                 | P. 324 | 8606                                                                                  | P. 324 | 8623                                                                                  | P. 324 |
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| 814251                                                                              | P. 340 | 814252                                                                              | P. 340     | 814253                                                                              | P. 340 | 814332                                                                              | P. 341 | 814698                                                                                | P. 341     | 814203                                                                                | P. 341     |
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| 814388                                                                              | P. 347 | 814814                                                                              | P. 348     | 814405                                                                              | P. 348 | 814406                                                                              | P. 348 | 814764                                                                                | P. 348     | 814765                                                                                | P. 349     |
|  |        |  | <b>NEW</b> |  |        |  |        |  | <b>NEW</b> |  | <b>NEW</b> |

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| 814766<br>NEW<br> | P. 349 | 814767<br>NEW<br> | P. 349 | 814221<br>   | P. 349 | 814254<br>   | P. 350 | 814256<br>   | P. 350 | 814324<br>   | P. 350 |
| 814325<br>        | P. 350 | 814323<br>        | P. 351 | 814255<br>   | P. 351 | 814258<br>   | P. 351 | 814260<br>   | P. 351 | 814326<br>   | P. 352 |
| 814686<br>        | P. 352 | 814327<br>        | P. 352 | 814321<br>   | P. 352 | 814605<br>   | P. 353 | 814683<br>   | P. 353 | 814320<br>   | P. 353 |
| 8744<br>         | P. 353 | 814193<br>      | P. 354 | 814194<br>  | P. 354 | 814195<br>  | P. 354 | 814196<br>  | P. 354 | 814197<br>  | P. 355 |
| 8898<br>        | P. 355 | 814735<br>      | P. 355 | 814600<br> | P. 356 | 814157<br> | P. 356 | 8743<br>   | P. 356 | 814328<br> | P. 356 |
| 814329<br>      | P. 357 | 814330<br>      | P. 357 | 814331<br> | P. 357 | 8544<br>   | P. 357 | 8687<br>   | P. 358 | 8685<br>   | P. 358 |
| 814198<br>      | P. 358 | 8756<br>        | P. 358 | 8686<br>   | P. 359 | 8688<br>   | P. 359 | 8689<br>   | P. 359 | 8757<br>   | P. 359 |
| 814052<br>      | P. 360 | 814053<br>      | P. 360 | 814402<br> | P. 360 | 814403<br> | P. 360 | 814090<br> | P. 361 | 8725<br>   | P. 361 |

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| 8899 P. 361   | 8724 P. 361   | 8723 P. 362   | 8722 P. 362   | 8734 P. 362   | 8733 P. 362   |
|               |               |               |               |               |               |
| 8732 P. 363   | 8730 P. 363   | 814775 P. 363 | 814776 P. 364 | 814777 P. 364 | 814778 P. 364 |
|               |               |               |               |               |               |
| 814828 P. 365 | 814829 P. 365 | 814830 P. 365 | 814833 P. 365 | 814407 P. 367 | 814408 P. 367 |
|               |               |               |               |               |               |
| 814409 P. 347 | 814771 P. 367 | 814772 P. 368 | 8681 P. 368   | 8683 P. 368   | 8684 P. 368   |
|               |               |               |               |               |               |
| 8682 P. 369   | 8729 P. 369   | 8728 P. 369   | 8716 P. 369   | 8731 P. 370   | 8509 P. 370   |
|               |               |               |               |               |               |
| 8510 P. 370   | 8672 P. 370   | 8583 P. 370   | 814811 P. 371 | 8714 P. 371   | 814834 P. 371 |
|               |               |               |               |               |               |
| 8712 P. 371   | 8705 P. 371   | 8726 P. 372   | 814059 P. 372 | 8721 P. 372   | 8690 P. 372   |
|               |               |               |               |               |               |
| 8727 P. 373   | 814770 P. 373 | 814393 P. 373 | 814394 P. 373 | 814395 P. 774 | 814192 P. 374 |
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| 814042                                                                            | P. 374 | 814308                                                                                                                                                    | P. 374 | 8735                                                                               | P. 375                                                                             | 8874                                                                               | P. 375 | 8875                                                                                                                                                                     | P. 375           | 814220                                                                              | P. 375 |
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| Blister                                                                           | P. 376 | Blisterwand                                                                                                                                               | P. 377 | Kapitel 12                                                                         |                                                                                    |                                                                                    | P. 378 | P. 379 - 401                                                                                                                                                             |                  |                                                                                     |        |
|  |        |                                                                          |        |  |                                                                                    |                                                                                    |        | <b>A4 / A2</b><br>Schrauben in SB-Verpackungen<br>Screws in self-service packages<br> |                  |                                                                                     |        |
| Kapitel 13                                                                        | P. 402 | P. 403 - 423                                                                                                                                              |        |                                                                                    | 1024/1025                                                                          | P. 424                                                                             | 1026   | P. 425                                                                                                                                                                   | 1027/1028 P. 425 |                                                                                     |        |
|  |        | <b>A4 / A2</b><br>Schrauben in Großpackungen<br>Screws in bulk packs<br> |        |                                                                                    |  |                                                                                    |        |                                                                                       |                  |  |        |



# Kapitel 1

## Chapter 1

**Schäkel, Karabinerhaken und Wirbel**  
Shackles, spring hooks and swivel





# Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

1

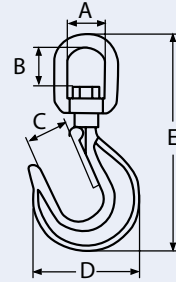
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## Trailerhaken mit Wirbel / A4-AISI 316

Trailer hook with swivel / Croc de palau à gachette

8971

| Bestell-Nr.<br>Order no. | A  | B  | C  | D  | E   | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|-------|-----|----------------------|
| 8971428                  | 28 | 27 | 18 | 69 | 147 | 2000  | 1   | 22,30                |
| 8971436                  | 36 | 36 | 33 | 97 | 193 | 3700  | 1   | 42,00                |

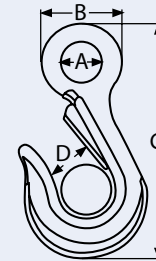


## Trailerhaken / A4-AISI 316

Trailer hook / Croc de palan

8287

| Bestell-Nr.<br>Order no. | A  | B    | C   | D    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|-----|------|-------|-----|----------------------|
| 8287419                  | 19 | 33,5 | 100 | 20,5 | 1100  | 5   | 7,60                 |
| 8287428                  | 28 | 44,5 | 115 | 23   | 1500  | 5   | 9,50                 |

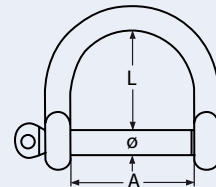


## Rundschäkel, weite Form / A4-AISI 316

D-shackle, wide / Manille droite

8969

| Bestell-Nr.<br>Order no. | Ø  | A  | L  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-------|-----|----------------------|
| 8969405                  | 5  | 25 | 20 | 750   | 10  | 2,50                 |
| 8969406                  | 6  | 24 | 33 | 1350  | 10  | 3,10                 |
| 8969408                  | 8  | 26 | 31 | 2500  | 10  | 4,50                 |
| 8969410                  | 10 | 41 | 55 | 3350  | 5   | 7,40                 |
| 8969412                  | 12 | 50 | 66 | 4000  | 5   | 13,50                |

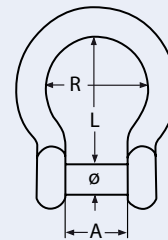


## Rundschäkel geschweifte Form mit Innensechskant / A4-AISI 316

Bow shackle with hexagon socket / Manille droite forgée avec vis 6 pans creux

8970

| Bestell-Nr.<br>Order no. | Ø  | A  | L  | R  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-------|-----|----------------------|
| 8970405                  | 5  | 11 | 25 | 17 | 1200  | 10  | 3,50                 |
| 8970406                  | 6  | 12 | 30 | 21 | 1700  | 10  | 3,90                 |
| 8970408                  | 8  | 16 | 44 | 28 | 2500  | 10  | 5,20                 |
| 8970410                  | 10 | 21 | 49 | 34 | 4300  | 5   | 6,70                 |
| 8970412                  | 12 | 25 | 57 | 42 | 6200  | 5   | 11,00                |
| 8970416                  | 16 | 31 | 80 | 56 | 7000  | 5   | 23,00                |
| 8970419                  | 19 | 36 | 96 | 66 | 14000 | 1   | 37,20                |



# Schäkel, Karabinerhaken und Wirbel

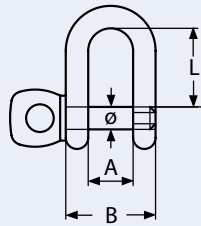
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

## 8258

### Rundschäkel, kurze Form / A4-AISI 316

D-shackle, short / Manille droite, type court

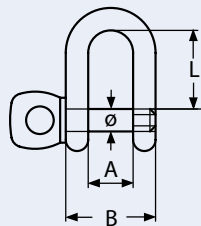


| Bestell-Nr.<br>Order no. | Ø  | A  | B   | L    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|------|-------|-----|----------------------|
| 8258404                  | 4  | 8  | 16  | 14   | 700   | 20  | 1,30                 |
| 8258405                  | 5  | 10 | 20  | 14,5 | 1000  | 20  | 1,40                 |
| 8258406                  | 6  | 12 | 24  | 21   | 1500  | 20  | 1,70                 |
| 8258407                  | 7  | 14 | 28  | 23,5 | 2200  | 10  | 2,40                 |
| 8258408                  | 8  | 16 | 32  | 28   | 3000  | 10  | 2,80                 |
| 8258410                  | 10 | 20 | 40  | 36   | 4500  | 10  | 4,70                 |
| 8258412                  | 12 | 24 | 48  | 44   | 7000  | 5   | 7,50                 |
| 8258413                  | 13 | 26 | 52  | 46,5 | 9000  | 5   | 11,00                |
| 8258416                  | 16 | 32 | 64  | 56   | 10000 | 5   | 16,80                |
| 8258419                  | 19 | 35 | 76  | 65,5 | 16000 | 1   | 29,90                |
| 8258422                  | 22 | 44 | 88  | 74   | 20000 | 1   | 43,50                |
| 8258425                  | 25 | 50 | 100 | 85,5 | 24000 | 1   | 66,60                |
| 8258432                  | 32 | 64 | 128 | 108  | 31000 | 1   | 155,00               |

## 8326

### Rundschäkel mit unverlierbarem Bolzen / A4-AISI 316

D-shackle with captive pin / Manille droite axe imperdable

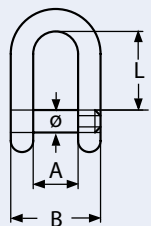


| Bestell-Nr.<br>Order no. | Ø  | A  | B  | L    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|------|-------|-----|----------------------|
| 8326404                  | 4  | 8  | 16 | 14   | 700   | 10  | 1,50                 |
| 8326405                  | 5  | 10 | 20 | 16,5 | 1100  | 10  | 2,40                 |
| 8326406                  | 6  | 12 | 24 | 21   | 1600  | 10  | 2,70                 |
| 8326408                  | 8  | 16 | 32 | 28   | 3200  | 10  | 3,50                 |
| 8326410                  | 10 | 20 | 40 | 34   | 4900  | 5   | 5,90                 |
| 8326412                  | 12 | 24 | 48 | 36   | 6600  | 5   | 9,00                 |

## 8482

### Rundschäkel mit Innensechskant / A4-AISI 316

D-shackle with hexagon socket / Manille droite avec vis six pans creux

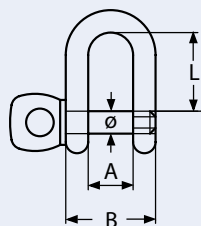


| Bestell-Nr.<br>Order no. | Ø  | A  | B  | L    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|------|-------|-----|----------------------|
| 8482405                  | 5  | 10 | 20 | 17,5 | 1000  | 10  | 3,30                 |
| 8482406                  | 6  | 12 | 24 | 21   | 1500  | 10  | 3,50                 |
| 8482408                  | 8  | 16 | 32 | 28   | 2200  | 10  | 4,10                 |
| 8482410                  | 10 | 20 | 40 | 35   | 3700  | 5   | 6,60                 |
| 8482412                  | 12 | 24 | 48 | 45   | 5400  | 5   | 9,90                 |
| 8482414                  | 14 | 28 | 56 | 49   | 6500  | 5   | 18,80                |
| 8482416                  | 16 | 32 | 64 | 52   | 8800  | 5   | 22,00                |
| 8482419                  | 19 | 38 | 76 | 63,5 | 16000 | 1   | 35,70                |
| 8482422                  | 22 | 44 | 88 | 76   | 19000 | 1   | 46,50                |

## 8746

### Rundschäkel, geschmiedet / A4-AISI 316

D-shackle, forged / Manille droite forgée



| Bestell-Nr.<br>Order no. | Ø  | A  | B  | L    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|------|-------|-----|----------------------|
| 8746404                  | 4  | 8  | 16 | 15   | 1080  | 10  | 1,70                 |
| 8746405                  | 5  | 10 | 20 | 17,5 | 1550  | 10  | 1,80                 |
| 8746406                  | 6  | 12 | 24 | 21   | 1860  | 10  | 2,20                 |
| 8746408                  | 8  | 16 | 32 | 29   | 4380  | 10  | 3,40                 |
| 8746410                  | 10 | 20 | 40 | 35   | 5800  | 5   | 6,30                 |
| 8746412                  | 12 | 24 | 48 | 43   | 8100  | 5   | 8,20                 |

# Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

1

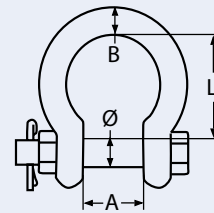
1

## Rundschäkel mit Sicherungsbolzen, geschweisst, geschmiedet / A4-AISI 316

Bow shackle with fastening bolt, forged / Manille lyre forgée avec boulon de sécurité

814068

| Bestell-Nr.<br>Order no. | Ø   | B  | A    | L  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|----|-------|-----|----------------------|
| 8140684048               | 6,4 | 5  | 9,7  | 22 | 1320  | 10  | 2,80                 |
| 8140684064               | 8   | 6  | 12   | 29 | 2000  | 10  | 3,70                 |
| 814068408                | 9,5 | 8  | 13,5 | 31 | 3000  | 10  | 5,80                 |
| 8140684095               | 11  | 10 | 17   | 36 | 4000  | 5   | 9,50                 |
| 8140684127               | 16  | 12 | 21   | 48 | 8000  | 5   | 17,70                |
| 814068416                | 19  | 16 | 27   | 60 | 12000 | 5   | 35,20                |
| 814068419                | 22  | 20 | 32   | 71 | 16000 | 1   | 55,50                |
| 814068422                | 25  | 22 | 36   | 84 | 20000 | 1   | 83,00                |



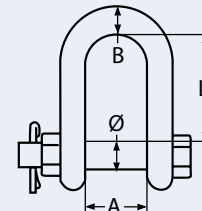
Besonders geeignet als Ankerschäkel - Suited as anchor shackle - Convient particulièrement comme manille d'ancre

## Rundschäkel mit Sicherungsbolzen, geschmiedet / A4-AISI 316

D-shackle with fastening bolt, forged / Manille droite forgée avec boulon de sécurité

814069

| Bestell-Nr.<br>Order no. | Ø   | B  | A    | L  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|----|-------|-----|----------------------|
| 8140694048               | 6,4 | 5  | 9,7  | 19 | 1320  | 10  | 2,70                 |
| 8140694064               | 8   | 6  | 12   | 22 | 2000  | 10  | 3,90                 |
| 814069408                | 9,5 | 8  | 13,5 | 26 | 3000  | 10  | 5,40                 |
| 8140694095               | 11  | 10 | 17   | 32 | 4000  | 5   | 8,50                 |
| 8140694127               | 16  | 12 | 21   | 41 | 8000  | 5   | 17,30                |
| 814069416                | 19  | 16 | 27   | 51 | 12000 | 5   | 33,80                |
| 814069419                | 22  | 20 | 32   | 60 | 16000 | 1   | 51,90                |
| 814069422                | 25  | 22 | 36   | 71 | 20000 | 1   | 70,70                |



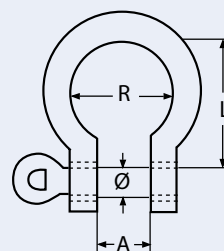
Besonders geeignet als Ankerschäkel - Suited as anchor shackle - Convient particulièrement comme manille d'ancre

## Rundschäkel, geschweißte Form / A4-AISI 316

Bow shackle / Manille lyre

8260

| Bestell-Nr.<br>Order no. | Ø  | A  | R  | L    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|------|-------|-----|----------------------|
| 8260404                  | 4  | 8  | 14 | 14   | 800   | 20  | 1,50                 |
| 8260405                  | 5  | 10 | 17 | 17,5 | 1200  | 20  | 1,80                 |
| 8260406                  | 6  | 12 | 21 | 21   | 1900  | 20  | 2,00                 |
| 8260408                  | 8  | 16 | 28 | 28   | 2800  | 10  | 2,80                 |
| 8260410                  | 10 | 20 | 34 | 35   | 4300  | 10  | 4,60                 |
| 8260412                  | 12 | 24 | 42 | 42   | 6500  | 5   | 6,90                 |
| 8260413                  | 13 | 26 | 45 | 39   | 7500  | 5   | 10,70                |
| 8260416                  | 16 | 32 | 56 | 56   | 12000 | 5   | 15,90                |
| 8260419                  | 19 | 38 | 66 | 78,5 | 18200 | 1   | 38,10                |
| 8260422                  | 22 | 44 | 75 | 77   | 21000 | 1   | 46,00                |

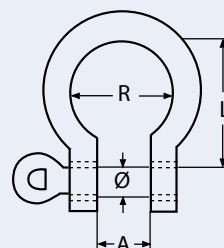


## Rundschäkel mit unverlierbarem Bolzen, geschweißte Form / A4-AISI 316

Bow shackle, with captive pin / Manille lyre axe imperdable

8222

| Bestell-Nr.<br>Order no. | Ø  | A  | R  | L    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|------|-------|-----|----------------------|
| 8222405                  | 5  | 10 | 17 | 17,5 | 1300  | 10  | 2,70                 |
| 8222406                  | 6  | 12 | 21 | 21   | 1800  | 10  | 3,40                 |
| 8222408                  | 8  | 16 | 28 | 28   | 3500  | 10  | 4,00                 |
| 8222410                  | 10 | 20 | 34 | 35   | 5400  | 5   | 6,20                 |





# Schäkel, Karabinerhaken und Wirbel

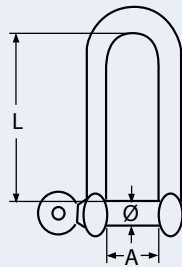
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

## 8259

### Rundschäkel, lange Form / A4-AISI 316

Straight D-shackle, long / Manille droite, type long

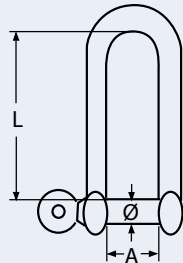


| Bestell-Nr.<br>Order no. | Ø  | A   | L  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|-------|-----|----------------------|
| 8259404                  | 4  | 8,5 | 32 | 700   | 10  | 1,60                 |
| 8259405                  | 5  | 10  | 40 | 1000  | 10  | 2,20                 |
| 8259406                  | 6  | 12  | 45 | 1500  | 10  | 2,50                 |
| 8259408                  | 8  | 16  | 60 | 3200  | 10  | 3,60                 |
| 8259410                  | 10 | 20  | 73 | 4900  | 5   | 6,30                 |
| 8259412                  | 12 | 24  | 87 | 7000  | 5   | 11,00                |

## 8331

### Rundschäkel, lange Form mit unverlierbarem Bolzen / A4-AISI 316

Straight D-shackle, long with captive pin / Manille droite axe imperdable, type long

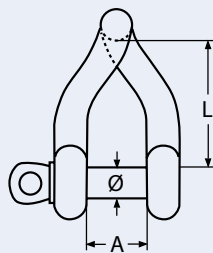


| Bestell-Nr.<br>Order no. | Ø  | A  | L    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|-------|-----|----------------------|
| 8331405                  | 5  | 10 | 37,5 | 1100  | 10  | 3,40                 |
| 8331406                  | 6  | 12 | 43   | 1600  | 10  | 3,70                 |
| 8331408                  | 8  | 16 | 60   | 3200  | 10  | 4,70                 |
| 8331410                  | 10 | 20 | 75   | 4900  | 5   | 7,80                 |
| 8331412                  | 12 | 24 | 90   | 6600  | 5   | 11,90                |

## 8296

### Rundschäkel, gedrehte Form / A4-AISI 316

Shackle, twisted / Manille type torsadée

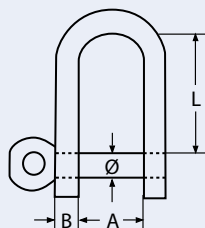


| Bestell-Nr.<br>Order no. | Ø  | A  | L  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-------|-----|----------------------|
| 8296404                  | 4  | 8  | 22 | 800   | 10  | 2,10                 |
| 8296405                  | 5  | 10 | 27 | 1200  | 10  | 2,30                 |
| 8296406                  | 6  | 12 | 30 | 1750  | 10  | 2,50                 |
| 8296408                  | 8  | 16 | 42 | 3000  | 10  | 3,70                 |
| 8296410                  | 10 | 20 | 55 | 5800  | 5   | 6,00                 |
| 8296412                  | 12 | 24 | 65 | 7000  | 5   | 10,30                |

## 8337

### Flachschäkel, rund / A4-AISI 316

Flat shackle, semi-round / Manille plate, type semi rond



| Bestell-Nr.<br>Order no. | Ø | A  | L    | B   | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|------|-----|-------|-----|----------------------|
| 833745                   | 5 | 12 | 18,5 | 2,6 | 400   | 10  | 2,40                 |
| 833746                   | 6 | 14 | 22   | 3,0 | 500   | 10  | 2,70                 |
| 833748                   | 8 | 18 | 28   | 3,7 | 900   | 10  | 3,60                 |

# Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

1

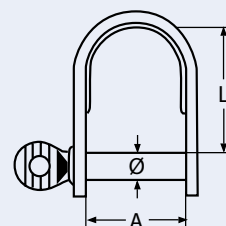
1

## Flachschäkel mit Bund, kurze Ausführung / A4-AISI 316

Flat shackle, short / Manille plate, type court

8297

| Bestell-Nr.<br>Order no. | Ø | A  | L  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|-------|-----|----------------------|
| 829744                   | 4 | 10 | 18 | 800   | 10  | 1,80                 |
| 829745                   | 5 | 12 | 20 | 1100  | 10  | 1,90                 |
| 829746                   | 6 | 16 | 24 | 2000  | 10  | 2,60                 |

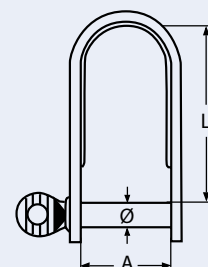


## Flachschäkel mit Bund, lange Form / A4-AISI 316

Flat shackle, long / Manille plate, type long

8298

| Bestell-Nr.<br>Order no. | Ø | A  | L  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|-------|-----|----------------------|
| 829844                   | 4 | 12 | 24 | 800   | 10  | 2,00                 |
| 829845                   | 5 | 16 | 21 | 1100  | 10  | 2,30                 |
| 829846                   | 6 | 17 | 26 | 2000  | 10  | 3,50                 |

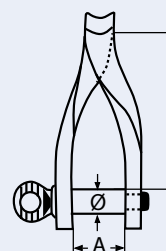


## Flachschäkel mit Bund, gedrehte Form / A4-AISI 316

Flat shackle, twisted / Manille plate, type torsadée

8299

| Bestell-Nr.<br>Order no. | Ø | A  | L  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|-------|-----|----------------------|
| 829944                   | 4 | 11 | 24 | 800   | 10  | 3,30                 |
| 829945                   | 5 | 12 | 40 | 1400  | 10  | 3,50                 |

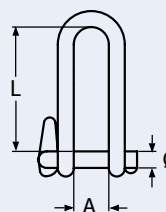


## Schlüsselschäkel / A4-AISI 316

Key pin shackle / Manille rapide

8324

| Bestell-Nr.<br>Order no. | Ø | A  | L  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|-------|-----|----------------------|
| 832445                   | 5 | 13 | 40 | 954   | 10  | 3,60                 |
| 832446                   | 6 | 16 | 44 | 1363  | 10  | 4,70                 |
| 832448                   | 8 | 22 | 62 | 2271  | 10  | 7,40                 |



# Schäkel, Karabinerhaken und Wirbel

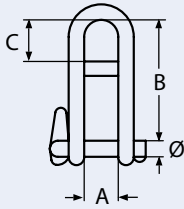
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

**8323**

## Schlüsselschäkel mit Steg / A4-AISI 316

Key pin shackle with bar / Manille rapide à barette

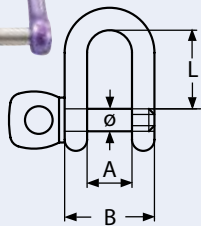


| Bestell-Nr.<br>Order no. | Ø | A    | B  | C    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---|------|----|------|-------|-----|----------------------|
| 832345                   | 5 | 13   | 38 | 12,5 | 954   | 10  | 3,80                 |
| 832346                   | 6 | 16   | 43 | 15,0 | 1363  | 10  | 5,10                 |
| 832348                   | 8 | 21,5 | 60 | 20,5 | 2272  | 10  | 7,50                 |

**814737**

## Aluschäkel / Alu

D-shackle alu / Manille droite en Alu



| Bestell-Nr.<br>Order no. | Ø    | A    | B    | L    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|------|------|------|------|-------|-----|----------------------|
| 8147370058               | 5,8  | 12,6 | 24,2 | 22   | 700   | 10  | 1,70                 |
| 8147370078               | 7,8  | 17   | 32,6 | 28,6 | 1000  | 10  | 2,80                 |
| 8147370098               | 9,8  | 20   | 39,6 | 35   | 1300  | 5   | 3,90                 |
| 8147370118               | 11,8 | 25   | 48,6 | 45   | 2400  | 5   | 5,90                 |

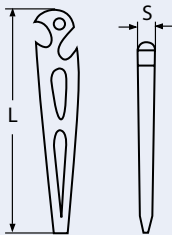
Farben: rot, blau, lila, gelb und grün gemischt.

Colours: red, blue, purple, yellow and green mixed up.

**8306**

## Schäkelschlüssel / A2-AISI 304

Multi-purpose shackle key / Demanilleur-decapsuleur

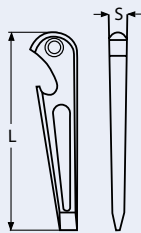


| Bestell-Nr.<br>Order no. | L   | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|---|-----|----------------------|
| 83062100                 | 100 | 2 | 5   | 2,50                 |

**8977**

## Schäkelschlüssel / A4-AISI 316

Multi-purpose shackle key / Demanilleur-decapsuleur

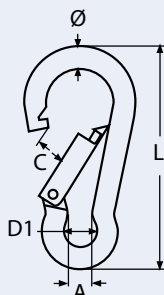


| Bestell-Nr.<br>Order no. | L  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|---|-----|----------------------|
| 8977405                  | 86 | 5 | 10  | 2,00                 |

**8249**

## Karabinerhaken / A4-AISI 316

Spring hook / Mousqueton pompier



| Bestell-Nr.<br>Order no. | Ø  | L   | D1 | A  | C   | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-----|-------|-----|----------------------|
| 8249403_30               | 3  | 30  | 5  | 4  | 5,5 | 200   | 10  | 1,30                 |
| 8249404_40               | 4  | 40  | 9  | 5  | 7   | 590   | 10  | 1,60                 |
| 8249405_50               | 5  | 50  | 10 | 6  | 8   | 650   | 10  | 1,70                 |
| 8249406_60               | 6  | 60  | 11 | 8  | 9   | 900   | 10  | 1,80                 |
| 8249407_70               | 7  | 70  | 13 | 8  | 9   | 1370  | 10  | 2,60                 |
| 8249408_80               | 8  | 80  | 13 | 8  | 9   | 1500  | 10  | 3,50                 |
| 8249410_100              | 10 | 100 | 16 | 10 | 12  | 1800  | 5   | 6,50                 |
| 8249411_120              | 11 | 120 | 18 | 11 | 16  | 1900  | 5   | 9,40                 |
| 8249412_140              | 12 | 140 | 20 | 13 | 19  | 2100  | 5   | 11,90                |

# Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

1

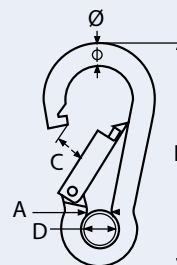
1

## Karabinerhaken mit Kausche / A4-AISI 316

Spring hook with eyelet / Mousqueton pompier à œil

8250

| Bestell-Nr.<br>Order no. | Ø  | L   | D    | A  | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|------|----|----|-------|-----|----------------------|
| 8250404_40               | 4  | 40  | 4,5  | 5  | 7  | 400   | 10  | 1,80                 |
| 8250405_50               | 5  | 50  | 7    | 6  | 8  | 800   | 10  | 2,00                 |
| 8250406_60               | 6  | 60  | 7,5  | 8  | 9  | 850   | 10  | 2,30                 |
| 8250407_70               | 7  | 70  | 9,5  | 8  | 9  | 1200  | 10  | 3,00                 |
| 8250408_80               | 8  | 80  | 10,5 | 8  | 9  | 1200  | 10  | 3,30                 |
| 8250410_100              | 10 | 100 | 14   | 10 | 12 | 1750  | 5   | 7,20                 |
| 8250411_120              | 11 | 120 | 18   | 11 | 16 | 1850  | 5   | 9,80                 |
| 8250412_140              | 12 | 140 | 18,5 | 13 | 19 | 1880  | 5   | 14,30                |

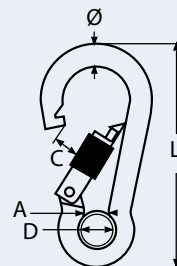


## Karabinerhaken mit Sicherheitsmutter und Kausche / A4-AISI 316

Spring hook with lock nut and eyelet / Mousqueton pompier à œil avec vis de sécurité

8232

| Bestell-Nr.<br>Order no. | Ø  | L   | D  | A   | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|-----|----|-------|-----|----------------------|
| 8232404_40               | 4  | 40  | 5  | 6,5 | 7  | 500   | 10  | 2,50                 |
| 8232405_50               | 5  | 50  | 9  | 7,5 | 8  | 600   | 10  | 3,00                 |
| 8232406_60               | 6  | 60  | 10 | 7,5 | 9  | 800   | 10  | 4,00                 |
| 8232407_70               | 7  | 70  | 11 | 9   | 9  | 1200  | 10  | 5,00                 |
| 8232408_80               | 8  | 80  | 13 | 8   | 8  | 1500  | 10  | 6,00                 |
| 8232410_100              | 10 | 100 | 16 | 10  | 10 | 1800  | 5   | 9,00                 |
| 8232411_120              | 11 | 120 | 18 | 11  | 15 | 1900  | 5   | 11,00                |

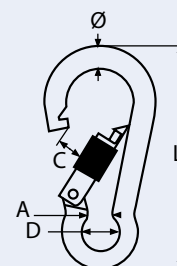


## Karabinerhaken mit Sicherheitsmutter / A4-AISI 316

Spring hook with lock nut / Mousqueton pompier avec vis de sécurité

814594

| Bestell-Nr.<br>Order no. | Ø  | L   | D  | A  | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|----|-------|-----|----------------------|
| 814594404_40             | 4  | 40  | 5  | 5  | 7  | 650   | 10  | 1,70                 |
| 814594405_50             | 5  | 50  | 9  | 6  | 8  | 850   | 10  | 1,80                 |
| 814594406_60             | 6  | 60  | 10 | 8  | 9  | 900   | 10  | 2,50                 |
| 814594407_70             | 7  | 70  | 11 | 8  | 9  | 950   | 10  | 3,40                 |
| 814594408_80             | 8  | 80  | 13 | 8  | 8  | 1300  | 10  | 4,50                 |
| 814594410_100            | 10 | 100 | 16 | 10 | 10 | 1700  | 5   | 8,50                 |
| 814594411_120            | 11 | 120 | 18 | 11 | 15 | 1900  | 5   | 10,30                |

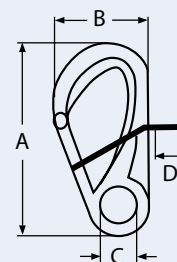


## Bojen-Karabiner / A4-AISI 316

Buoy hook / Crochet d'amarage

8679

| Bestell-Nr.<br>Order no. | A   | B  | C  | D  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|-------|-----|----------------------|
| 86794108_63              | 108 | 63 | 21 | 35 | 910   | 5   | 17,70                |



Öffnen und schließen nur mit dem Bootshaken  
Open and close with boathook only



# Schäkel, Karabinerhaken und Wirbel

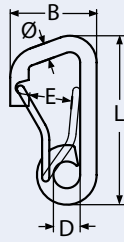
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

## 8305

### Karabinerhaken mit Bügel / A4-AISI 316

Spring hook with bow / Mousqueton pompier ressort asymétrique

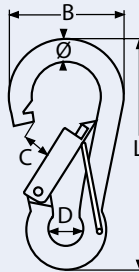


| Bestell-Nr.<br>Order no. | Ø  | D  | B  | L   | E  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----|-------|-----|----------------------|
| 8305406                  | 6  | 7  | 35 | 61  | 10 | 600   | 10  | 4,50                 |
| 8305408                  | 8  | 11 | 48 | 81  | 13 | 1600  | 10  | 6,30                 |
| 8305410                  | 10 | 13 | 58 | 102 | 15 | 2500  | 5   | 8,50                 |
| 8305412                  | 12 | 16 | 70 | 122 | 21 | 3000  | 5   | 12,00                |
| 8305416                  | 16 | 25 | 97 | 165 | 27 | 3300  | 5   | 36,10                |

## 8948

### Karabinerhaken mit Sicherheitsverschluss / A4-AISI 316

Spring lock hook with safety latch / Mousqueton pompier avec fermeture de sécurité

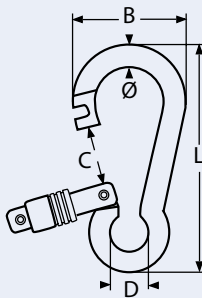


| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C   | D   | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|-----|-----|-------|-----|----------------------|
| 8948406_60               | 6  | 60  | 30 | 7,5 | 8,5 | 272   | 10  | 2,60                 |
| 8948408_80               | 8  | 80  | 40 | 10  | 12  | 508   | 10  | 4,80                 |
| 8948410_100              | 10 | 100 | 50 | 12  | 15  | 728   | 5   | 7,70                 |

## 8949

### Karabinerhaken mit Springverschluss / A4-AISI 316

Spring hook with self-lock nut / Mousqueton pompier ouverture extérieure avec fermeture automatique

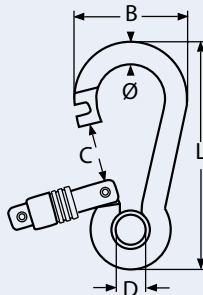


| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C  | D   | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-----|-------|-----|----------------------|
| 8949405_50               | 5  | 55  | 26 | 15 | 8   | 387   | 10  | 3,40                 |
| 8949406_60               | 6  | 60  | 30 | 16 | 8,5 | 417   | 10  | 4,30                 |
| 8949408_80               | 8  | 80  | 40 | 23 | 12  | 990   | 10  | 6,70                 |
| 8949410_100              | 10 | 100 | 50 | 27 | 15  | 1300  | 5   | 10,60                |

## 8950

### Karabinerhaken mit Springverschluss und Kausche / A4-AISI 316

Spring hook with eyelet and self-lock nut / \*\*



| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C  | D    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|------|-------|-----|----------------------|
| 8950405_50               | 5  | 50  | 26 | 15 | 7,8  | 387   | 10  | 3,40                 |
| 8950406_60               | 6  | 60  | 30 | 16 | 7,8  | 417   | 10  | 4,70                 |
| 8950408_80               | 8  | 80  | 40 | 23 | 10,8 | 990   | 10  | 6,80                 |
| 8950410_100              | 10 | 100 | 50 | 27 | 14,0 | 1300  | 5   | 10,80                |

\*\*Mousqueton pompier à oeil ouverture extérieure avec fermeture automatique

# Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

1

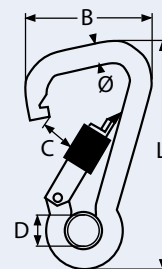
1

## Karabinerhaken asym. m. Sicherheitsmutter und Kausche / A4-AISI 316

Spring hook asymmetric with lock nut and eyelet / Mousqueton asymétrique à œil avec vis de sécurité

8951

| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C    | D  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|------|----|-------|-----|----------------------|
| 8951406_60               | 6  | 60  | 35 | 9    | 8  | 456   | 10  | 2,90                 |
| 8951408_80               | 8  | 80  | 46 | 12,5 | 11 | 728   | 10  | 5,00                 |
| 8951410_100              | 10 | 100 | 60 | 16   | 14 | 1092  | 5   | 10,30                |
| 8951411_120              | 11 | 120 | 70 | 21,5 | 18 | 1260  | 5   | 13,00                |

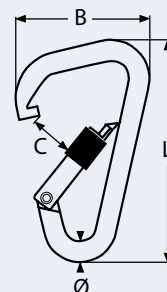


## Karabinerhaken mit Sicherheitsmutter / A4-AISI 316

Spring hook with lock nut / Mousqueton asymétrique avec vis de sécurité

8953

| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-------|-----|----------------------|
| 8953411_120              | 11 | 120 | 70 | 24 | 1600  | 5   | 14,10                |

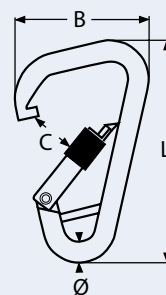


## Karabinerhaken mit Sicherheitsmutter und Steg / A4-AISI 316

Spring hook with lock nut and bar / Mousqueton asymétrique à barette avec vis de sécurité

8954

| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-------|-----|----------------------|
| 8954411_120              | 11 | 120 | 70 | 24 | 1600  | 5   | 15,50                |

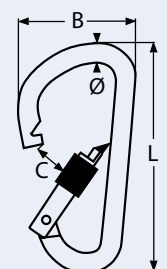


## Karabinerhaken mit Sicherheitsmutter / A4-AISI 316

Spring hook with lock nut / Mousqueton - vis de sécurité

8955

| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-------|-----|----------------------|
| 8955410_115              | 10 | 115 | 60 | 19 | 2720  | 5   | 12,90                |



# Schäkel, Karabinerhaken und Wirbel

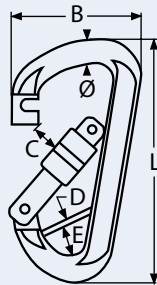
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

## 8956

### Karabinerhaken mit Springverschluss und Steg / A4-AISI 316

Spring hook with self-locking sleeve and bar / Mousqueton a fermeture automatique avec barette

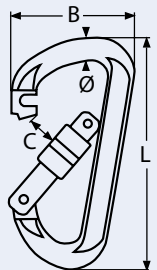


| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C  | D   | E  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-----|----|-------|-----|----------------------|
| 8956408_64               | 8  | 80  | 45 | 12 | 1,7 | 13 | 1330  | 10  | 7,90                 |
| 8956410_80               | 10 | 100 | 55 | 14 | 2,0 | 16 | 2510  | 5   | 11,90                |

## 8957

### Karabinerhaken mit Springverschluss / A4-AISI 316

Spring hook with self-locking sleeve / Mousqueton à fermeture automatique

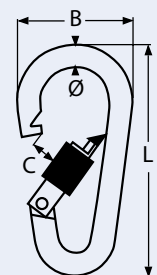


| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|------|-------|-----|----------------------|
| 8957408_64               | 8  | 80  | 45 | 11,5 | 1590  | 10  | 8,10                 |
| 8957410_80               | 10 | 100 | 55 | 14,0 | 1680  | 5   | 12,70                |

## 8958

### Karabinerhaken mit Sicherheitsmutter / A4-AISI 316

Spring hook with lock nut / Mousqueton avec vis de sécurité

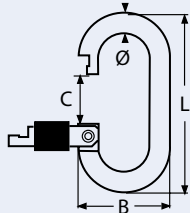


| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C   | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|-----|-------|-----|----------------------|
| 8958406_60               | 6  | 60  | 30 | 8,5 | 272   | 10  | 2,90                 |
| 8958408_80               | 8  | 80  | 40 | 10  | 508   | 10  | 5,20                 |
| 8958410_100              | 10 | 100 | 50 | 12  | 728   | 5   | 8,20                 |
| 8958411_120              | 11 | 120 | 60 | 17  | 816   | 5   | 11,10                |

## 8959

### Karabinerhaken mit Sicherheitsmutter / A4-AISI 316

Spring hook with lock nut / Mousqueton ouverture extérieure avec vis de sécurité



| Bestell-Nr.<br>Order no. | Ø | L  | B  | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|----|-------|-----|----------------------|
| 8959406_55               | 6 | 52 | 27 | 14 | 440   | 10  | 4,00                 |
| 8959408_70               | 8 | 70 | 35 | 18 | 905   | 10  | 6,80                 |

# Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

1

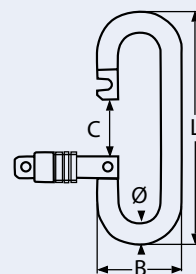
1

## Karabinerhaken mit Springverschluss / A4-AISI 316

Spring hook opening with self-locking nut / Mousqueton ouverture extérieure avec fermeture automatique

8960

| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-------|-----|----------------------|
| 8960405_70               | 5  | 70  | 25 | 15 | 370   | 10  | 3,60                 |
| 8960406_80               | 6  | 80  | 30 | 16 | 440   | 10  | 4,40                 |
| 8960408_90               | 8  | 90  | 35 | 23 | 905   | 10  | 6,40                 |
| 8960410_110              | 10 | 110 | 40 | 27 | 1395  | 5   | 11,00                |

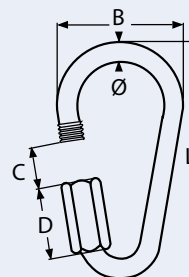


## Karabinerhaken mit Schraubverbinder / A4-AISI 316

Spring hook with screw connector / Mousqueton avec vis de raccord

8961

| Bestell-Nr.<br>Order no. | Ø  | B  | L   | C  | D  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----|----|-------|-----|----------------------|
| 8961404_61               | 4  | 32 | 61  | 11 | 19 | 850   | 10  | 2,90                 |
| 8961405_70               | 5  | 37 | 70  | 13 | 22 | 1350  | 10  | 3,60                 |
| 8961406_82               | 6  | 42 | 82  | 14 | 25 | 2000  | 10  | 4,00                 |
| 8961408_100              | 8  | 53 | 100 | 17 | 31 | 3300  | 10  | 7,40                 |
| 8961410_118              | 10 | 63 | 118 | 20 | 36 | 5500  | 5   | 12,30                |
| 8961412_144              | 12 | 76 | 144 | 23 | 43 | 7500  | 5   | 19,30                |

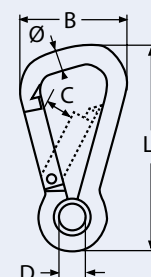


## Karabinerhaken, asymmetrisch mit Kausche / A4-AISI 316

Asymmetric spring hook with eyelet / Mousqueton pompier asymétrique avec œil

8322

| Bestell-Nr.<br>Order no. | Ø  | L   | C  | D  | B  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|----|-------|-----|----------------------|
| 8322408_80               | 8  | 80  | 13 | 11 | 45 | 870   | 10  | 7,00                 |
| 8322410_100              | 10 | 100 | 18 | 14 | 58 | 1350  | 5   | 9,00                 |
| 8322411_120              | 11 | 120 | 24 | 18 | 70 | 1500  | 5   | 12,00                |

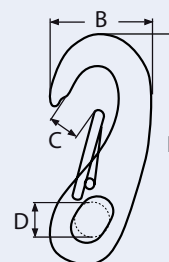


## Karabinerhaken / A4-AISI 316

Spring hook / Mousqueton à œil

8251

| Bestell-Nr.<br>Order no. | L   | B  | C  | D    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|-------|-----|----------------------|
| 82514050                 | 50  | 24 | 10 | 10,5 | 200   | 10  | 4,00                 |
| 82514070                 | 70  | 31 | 12 | 13,0 | 700   | 10  | 5,00                 |
| 82514100                 | 100 | 46 | 22 | 21,0 | 1800  | 5   | 6,00                 |





# Schäkel, Karabinerhaken und Wirbel

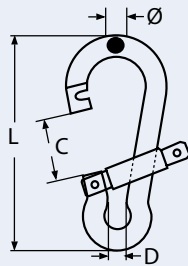
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

## 8293

### Karabinerhaken mit Spezialverschluss / A4-AISI 316

Spring hook with special closure / Mousqueton pompier grand passage

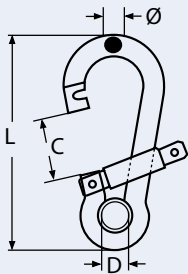


| Bestell-Nr.<br>Order no. | Ø  | L   | D    | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|------|----|-------|-----|----------------------|
| 8293408_80               | 8  | 80  | 8,0  | 15 | 800   | 10  | 6,00                 |
| 8293410_100              | 10 | 100 | 10,5 | 17 | 1200  | 5   | 8,20                 |
| 8293411_120              | 11 | 120 | 15,0 | 23 | 2000  | 5   | 11,70                |

## 8294

### Karabinerhaken mit Spezialverschluss und Kausche / A4-AISI 316

Snap hook with special closure and eyelet / Mousqueton pompier à œil grand passage

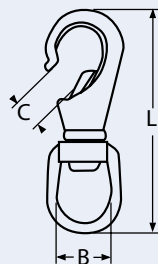


| Bestell-Nr.<br>Order no. | Ø  | L   | C  | D  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-------|-----|----------------------|
| 8294408_80               | 8  | 80  | 19 | 10 | 800   | 10  | 5,80                 |
| 8294410_100              | 10 | 100 | 22 | 14 | 1200  | 5   | 9,20                 |
| 8294411_120              | 11 | 120 | 26 | 17 | 2000  | 5   | 11,60                |

## 8257

### Schnapphaken mit Wirbelauge / A4-AISI 316

Swivel eye snap / Mousqueton à emerillon

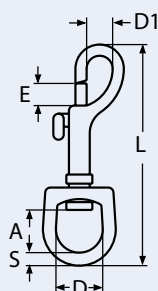


| Bestell-Nr.<br>Order no. | C  | B  | L     | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-------|-------|-----|----------------------|
| 8257416                  | 11 | 21 | 86,0  | 150   | 5   | 6,70                 |
| 8257419                  | 12 | 21 | 99,5  | 250   | 5   | 7,00                 |
| 8257422                  | 16 | 21 | 117,5 | 350   | 5   | 9,20                 |

## 8303

### Wirbelkarabiner / A4-AISI 316

Swivel eye bolt snap / Mousqueton targette à émerillon



| Bestell-Nr.<br>Order no. | D  | D1 | S | A    | L  | E | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|------|----|---|-----|----------------------|
| 8303409                  | 9  | 7  | 3 | 10,5 | 62 | 7 | 10  | 5,00                 |
| 8303412                  | 12 | 8  | 4 | 13,5 | 75 | 8 | 10  | 5,20                 |
| 8303416                  | 16 | 9  | 4 | 15,5 | 87 | 9 | 5   | 5,60                 |
| 8303419                  | 19 | 9  | 5 | 19,0 | 90 | 9 | 5   | 6,00                 |

# Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

1

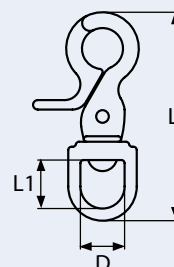
1

## Schnapphaken mit Wirbel / A4-AISI 316

Trigger snap with eye bail / Mousqueton gachette à émerillon

8534

| Bestell-Nr.<br>Order no. | D  | L  | L1 | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-------|-----|----------------------|
| 8534413                  | 13 | 65 | 16 | 600   | 5   | 6,80                 |
| 8534416                  | 16 | 65 | 19 | 700   | 5   | 7,80                 |

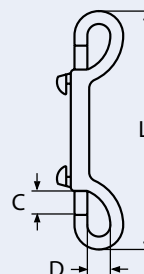


## Doppelkarabiner / A4-AISI 316

Double snap hook / Mousqueton à targette double

8416

| Bestell-Nr.<br>Order no. | L   | C  | D  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-------|-----|----------------------|
| 84164115                 | 115 | 10 | 11 | 200   | 5   | 8,00                 |



## Sicherheitskarabinerhaken mit zweifacher Sperre / A4-AISI 316

Safety spring hook with double locking equipment / Mousqueton de sécurité avec double fermeture

8338

| Bestell-Nr.<br>Order no. | L   | D  | C  | B  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|-------|-----|----------------------|
| 8338410_110              | 110 | 20 | 19 | 62 | 1400  | 5   | 14,00                |

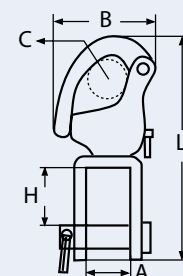


## Schnappschäkel mit Wirbelschäkel / A4-AISI 316

Swivel snap shackle / Mousqueton de drisse à chape

8262

| Bestell-Nr.<br>Order no. | L   | H  | C  | B  | A  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|----|-------|-----|----------------------|
| 82624070                 | 70  | 9  | 12 | 33 | 12 | 1900  | 5   | 15,00                |
| 82624087                 | 87  | 15 | 16 | 42 | 13 | 2900  | 5   | 17,00                |
| 82624128                 | 128 | 20 | 22 | 58 | 22 | 3900  | 5   | 22,00                |



# Schäkel, Karabinerhaken und Wirbel

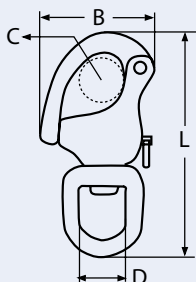
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

## 8252

### Schnappschäkel mit Wirbelauge / A4-AISI 316

Swivel snap shackle / Mousqueton de drisse à émerillon

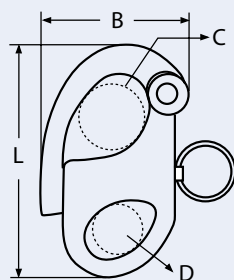


| Bestell-Nr.<br>Order no. | L   | C  | D  | B  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|-------|-----|----------------------|
| 82524070                 | 70  | 12 | 12 | 33 | 1400  | 5   | 12,40                |
| 82524087                 | 87  | 16 | 16 | 42 | 2400  | 5   | 15,00                |
| 82524128                 | 128 | 22 | 22 | 58 | 3500  | 5   | 18,00                |

## 8288

### Schnappschäkel / A4-AISI 316

Fixed snap shackle / Mousqueton de drisse à œil fixe

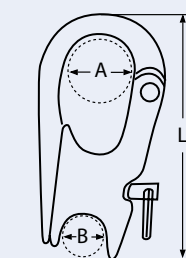


| Bestell-Nr.<br>Order no. | L  | C  | D  | B  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-------|-----|----------------------|
| 8288435                  | 35 | 9  | 6  | 23 | 800   | 5   | 11,00                |
| 8288445                  | 45 | 10 | 8  | 29 | 1500  | 5   | 11,40                |
| 8288452                  | 52 | 12 | 9  | 35 | 1500  | 5   | 11,80                |
| 8288466                  | 66 | 16 | 12 | 45 | 2700  | 5   | 12,00                |
| 8288496                  | 96 | 22 | 16 | 60 | 4600  | 5   | 14,00                |

## 8290

### Schotschäkel / A4-AISI 316

Sheet snap shackle / Mousqueton d'écoute

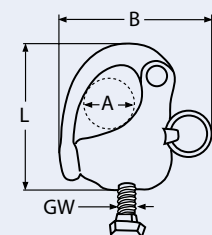


| Bestell-Nr.<br>Order no. | L  | B  | A  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-------|-----|----------------------|
| 8290452                  | 52 | 12 | 10 | 1100  | 5   | 9,00                 |
| 8290466                  | 66 | 15 | 14 | 1700  | 5   | 14,00                |
| 8290496                  | 96 | 25 | 18 | 3100  | 5   | 18,00                |

## 8289

### Schnappschäkel mit Schraube / A4-AISI 316

Snap shackle with screw / Mousqueton de drisse à vis



| Bestell-Nr.<br>Order no. | GW  | A  | L  | B  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|-------|-----|----------------------|
| 8289406                  | M6  | 12 | 42 | 30 | 1800  | 5   | 13,00                |
| 8289408                  | M8  | 16 | 53 | 40 | 2700  | 5   | 15,00                |
| 8289410                  | M10 | 22 | 75 | 62 | 4800  | 5   | 18,00                |

# Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

1

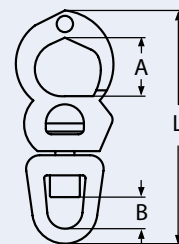
1

## Schnappschäkel mit Wirbelauge / A4-AISI 316

Swivel snap shackle / Mousqueton de largage rapide à émerillon

8661

| Bestell-Nr.<br>Order no. | L   | A  | B  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-------|-----|----------------------|
| 86614085                 | 85  | 18 | 12 | 1500  | 1   | 19,00                |
| 86614105                 | 105 | 24 | 14 | 2500  | 1   | 24,00                |
| 86614125                 | 125 | 27 | 18 | 3500  | 1   | 36,00                |

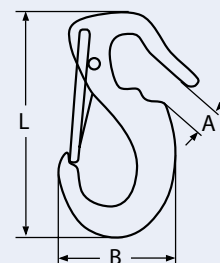


## Stagreiter / A4-AISI 316

Knock on piston hank / Bague de foc à materillon

8533

| Bestell-Nr.<br>Order no. | L  | A   | B  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|-------|-----|----------------------|
| 8533450                  | 50 | 6,5 | 25 | 250   | 10  | 4,00                 |
| 8533465                  | 65 | 10  | 35 | 550   | 10  | 6,00                 |
| 8533490                  | 90 | 13  | 49 | 1000  | 5   | 9,70                 |

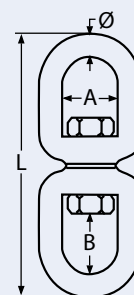


## Wirbel, Auge-Auge / A4-AISI 316

Eye and eye swivel / Emerillon œil / œil

8254

| Bestell-Nr.<br>Order no. | Ø  | L   | B  | A  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-------|-----|----------------------|
| 8254405                  | 5  | 60  | 13 | 13 | 820   | 10  | 3,60                 |
| 8254406                  | 6  | 65  | 15 | 15 | 1350  | 10  | 3,80                 |
| 8254408                  | 8  | 90  | 22 | 20 | 2500  | 10  | 6,00                 |
| 8254410                  | 10 | 115 | 27 | 24 | 3500  | 5   | 11,00                |
| 8254413                  | 13 | 154 | 35 | 32 | 6000  | 1   | 23,20                |
| 8254416                  | 16 | 188 | 45 | 39 | 10800 | 1   | 43,00                |
| 8254419                  | 19 | 231 | 50 | 41 | 16100 | 1   | 73,00                |

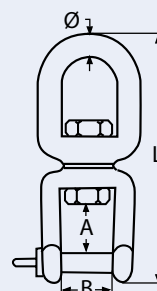


## Wirbelschäkel, Auge-Gabel / A4-AISI 316

Eye and jaw swivel shackle / Emerillon œil / manille

8255

| Bestell-Nr.<br>Order no. | Ø  | L   | B  | A    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|------|-------|-----|----------------------|
| 8255405                  | 5  | 60  | 10 | 11,5 | 640   | 10  | 5,50                 |
| 8255406                  | 6  | 66  | 12 | 11   | 1350  | 10  | 5,80                 |
| 8255408                  | 8  | 94  | 16 | 16   | 2500  | 10  | 6,20                 |
| 8255410                  | 10 | 118 | 22 | 22   | 3500  | 5   | 13,00                |
| 8255413                  | 13 | 152 | 28 | 28   | 6000  | 1   | 25,60                |
| 8255416                  | 16 | 188 | 34 | 37   | 9800  | 1   | 48,00                |
| 8255419                  | 19 | 229 | 38 | 45   | 15000 | 1   | 87,00                |





# Schäkel, Karabinerhaken und Wirbel

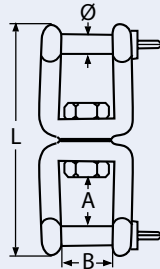
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

## 8256

### Wirbelschäkel, Gabel-Gabel / A4-AISI 316

Jaw and jaw swivel shackle / Emerillon à manille double

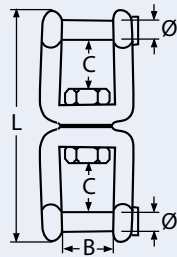


| Bestell-Nr.<br>Order no. | Ø  | L   | B  | A  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-------|-----|----------------------|
| 8256405                  | 5  | 60  | 10 | 11 | 600   | 10  | 3,20                 |
| 8256406                  | 6  | 66  | 12 | 11 | 1350  | 10  | 6,50                 |
| 8256408                  | 8  | 88  | 16 | 16 | 2500  | 10  | 8,00                 |
| 8256410                  | 10 | 118 | 20 | 22 | 3500  | 5   | 13,00                |
| 8256413                  | 13 | 152 | 28 | 28 | 6000  | 1   | 26,00                |
| 8256416                  | 16 | 188 | 34 | 37 | 9800  | 1   | 46,50                |
| 8256419                  | 19 | 229 | 38 | 45 | 15000 | 1   | 82,00                |

## 8535

### Wirbelschäkel, Gabel-Gabel mit Innensechskant / A4-AISI 316

Jaw and jaw swivel shackle with hexagon socket / Emerillon à manille double avec vis six pans creux

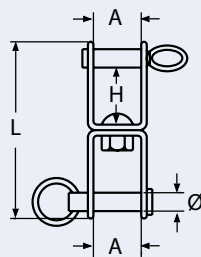


| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-------|-----|----------------------|
| 8535405                  | 5  | 60  | 10 | 11 | 600   | 10  | 3,80                 |
| 8535406                  | 6  | 66  | 12 | 11 | 1350  | 10  | 8,30                 |
| 8535408                  | 8  | 88  | 16 | 16 | 2500  | 10  | 11,70                |
| 8535410                  | 10 | 118 | 20 | 22 | 3500  | 5   | 18,00                |
| 8535413                  | 13 | 152 | 26 | 28 | 6000  | 1   | 32,60                |
| 8535416                  | 16 | 188 | 34 | 37 | 10800 | 1   | 56,00                |
| 8535419                  | 19 | 229 | 38 | 45 | 16100 | 1   | 82,20                |

## 8364

### Wirbelschäkel, flach, Gabel-Gabel / A2-AISI 304

Jaw and jaw flat swivel shackle / Emerillon à 2 chapes

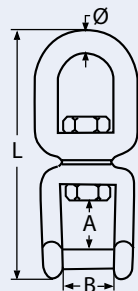


| Bestell-Nr.<br>Order no. | Ø | A  | L  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|----|-----|----------------------|
| 8364212_47               | 5 | 12 | 47 | 10 | 10  | 9,80                 |
| 8364214_55               | 6 | 14 | 62 | 11 | 10  | 11,70                |

## 814105

### Wirbelschäkel, Auge-Gabel mit Innensechskant / A4-AISI 316

Eye and jaw swivel shackle with hexagon socket / Emerillon à œil et manille avec vis six pans creux



| Bestell-Nr.<br>Order no. | Ø  | L   | A  | B  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-------|-----|----------------------|
| 814105405                | 5  | 60  | 11 | 10 | 400   | 10  | 3,60                 |
| 814105406                | 6  | 66  | 12 | 12 | 600   | 10  | 4,40                 |
| 814105408                | 8  | 92  | 16 | 16 | 1200  | 10  | 9,60                 |
| 814105410                | 10 | 118 | 22 | 20 | 2000  | 5   | 15,40                |
| 814105413                | 13 | 152 | 28 | 26 | 4000  | 1   | 32,00                |
| 814105416                | 16 | 188 | 34 | 32 | 6000  | 1   | 62,00                |
| 814105419                | 19 | 229 | 44 | 38 | 8000  | 1   | 71,00                |

# Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

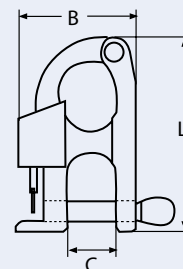
1

## Wasserskihaken / A4-AISI 316

Waterski hook / Crochet pour ski nautique

8485

| Bestell-Nr.<br>Order no. | C  | L  | B    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|-------|-----|----------------------|
| 8485460                  | 16 | 60 | 36,5 | 800   | 5   | 14,50                |

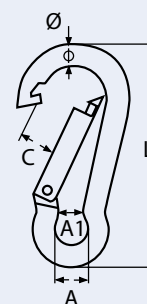


## Karabinerhaken, Alu - verschiedene Farben

Alu snap hook, different colors / Mousqueton en Alu - couleurs différente

8488

| Bestell-Nr.<br>Order no. | Farbe<br>Colour  | Ø | L  | A1 | A  | C | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|---|----|----|----|---|-------|-----|----------------------|
| 848805 50                | Gemischt / Mixed | 5 | 50 | 6  | 10 | 8 | 100   | 10  | 1,10 €               |
| 848805 50BL              | Blau / Blue      | 5 | 50 | 6  | 10 | 8 | 100   | 10  | 1,10 €               |
| 848805 50RO              | Rot / Red        | 5 | 50 | 6  | 10 | 8 | 100   | 10  | 1,10 €               |
| 848805 50SI              | Silber / Silver  | 5 | 50 | 6  | 10 | 8 | 100   | 10  | 1,10 €               |
| 848805 50GE              | Gelb / Yellow    | 5 | 50 | 6  | 10 | 8 | 100   | 10  | 1,10 €               |
| 848805 50SC              | Schwarz / Black  | 5 | 50 | 6  | 10 | 8 | 100   | 10  | 1,10 €               |
| 848806 60                | Gemischt / Mixed | 6 | 60 | 8  | 11 | 9 | 160   | 10  | 1,20 €               |
| 848806 60BL              | Blau / Blue      | 6 | 60 | 8  | 11 | 9 | 160   | 10  | 1,20 €               |
| 848806 60RO              | Rot / Red        | 6 | 60 | 8  | 11 | 9 | 160   | 10  | 1,20 €               |
| 848806 60SI              | Silber / Silver  | 6 | 60 | 8  | 11 | 9 | 160   | 10  | 1,20 €               |
| 848806 60GE              | Gelb / Yellow    | 6 | 60 | 8  | 11 | 9 | 160   | 10  | 1,20 €               |
| 848806 60SC              | Schwarz / Black  | 6 | 60 | 8  | 11 | 9 | 160   | 10  | 1,20 €               |
| 848808 80                | Gemischt / Mixed | 8 | 80 | 8  | 13 | 9 | 350   | 10  | 1,40 €               |
| 848808 80BL              | Blau / Blue      | 8 | 80 | 8  | 13 | 9 | 350   | 10  | 1,40 €               |
| 848808 80RO              | Rot / Red        | 8 | 80 | 8  | 13 | 9 | 350   | 10  | 1,40 €               |
| 848808 80SI              | Silber / Silver  | 8 | 80 | 8  | 13 | 9 | 350   | 10  | 1,40 €               |
| 848808 80GE              | Gelb / Yellow    | 8 | 80 | 8  | 13 | 9 | 350   | 10  | 1,40 €               |
| 848808 80SC              | Schwarz / Black  | 8 | 80 | 8  | 13 | 9 | 350   | 10  | 1,40 €               |

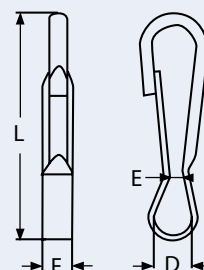


## Simplex - Karabinerhaken / A2-AISI 304

Simplex spring hook / Mousqueton simple

814387

| Bestell-Nr.<br>Order no. | L  | D    | E   | F   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|-----|-----|-----|----------------------|
| 814387230                | 30 | 5,6  | 1,4 | 3,6 | 100 | 0,40                 |
| 814387240                | 40 | 8,2  | 1,5 | 5,0 | 100 | 0,60                 |
| 814387250                | 50 | 9,2  | 2,4 | 6,3 | 50  | 1,00                 |
| 814387260                | 60 | 11,3 | 3,0 | 7,1 | 50  | 1,30                 |



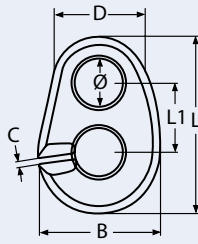
# Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

**814656**
**Brummelhaken / A4-AISI 316**

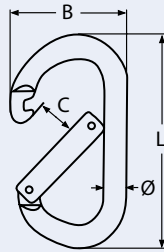
Eye hook / Crochet Accélérateur



| Bestell-Nr.<br>Order no. | Ø  | L    | B  | D  | L1   | C | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|----|------|---|-----|----------------------|
| 814656406                | 16 | 57,5 | 38 | 27 | 22,3 | 2 | 10  | 4,40                 |

**814668**
**Karabinerhaken / Alu**

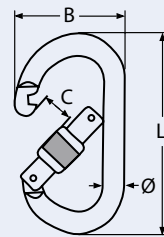
Spring hook / Mousqueton Alu



| Bestell-Nr.<br>Order no. | Ø  | L   | B    | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|------|----|-------|-----|----------------------|
| 814668012 113            | 12 | 113 | 62,5 | 22 | 2400  | 5   | 8,60                 |

**814669**
**Karabinerhaken mit Sicherungsmutter / Alu**

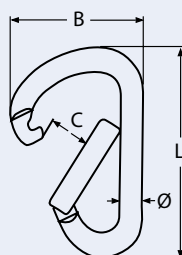
Spring hook with safety screw / Mousqueton Alu



| Bestell-Nr.<br>Order no. | Ø  | L   | B    | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|------|----|-------|-----|----------------------|
| 814669012 113            | 12 | 113 | 62,5 | 19 | 2400  | 5   | 10,20                |

**814670**
**Karabinerhaken / Alu**

Spring hook / Mousqueton Alu



| Bestell-Nr.<br>Order no. | Ø  | L     | B    | C    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-------|------|------|-------|-----|----------------------|
| 814670012 116            | 12 | 116,5 | 74,5 | 24,5 | 2400  | 5   | 9,60                 |

# Schäkel, Karabinerhaken und Wirbel

Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

1

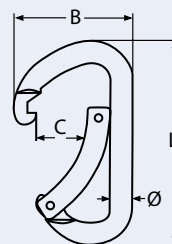
1

## Karabinerhaken / Alu

Spring hook / Mousqueton Alu

814671

| Bestell-Nr.<br>Order no. | Ø  | L   | B    | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|------|----|-------|-----|----------------------|
| 814671011 100            | 11 | 100 | 58,5 | 25 | 2200  | 5   | 7,50                 |

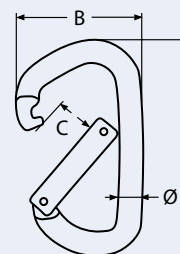


## Karabinerhaken / Alu

Spring hook / Mousqueton Alu

814672

| Bestell-Nr.<br>Order no. | Ø  | L     | B    | C    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-------|------|------|-------|-----|----------------------|
| 814672012 111            | 12 | 111,5 | 66,8 | 21,5 | 2600  | 5   | 8,50                 |

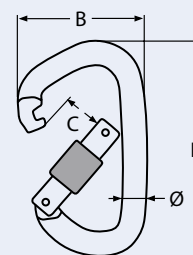


## Karabinerhaken mit Sicherungsmutter / Alu

Spring hook with safety screw / Mousqueton Alu

814673

| Bestell-Nr.<br>Order no. | Ø  | L     | B    | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-------|------|----|-------|-----|----------------------|
| 814673012 111            | 12 | 111,5 | 66,8 | 19 | 2600  | 5   | 14,30                |

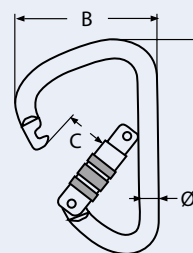


## Karabinerhaken mit Sicherungsmutter / Alu

Spring hook with safety screw / Mousqueton Alu

814674

| Bestell-Nr.<br>Order no. | Ø  | L     | B    | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-------|------|----|-------|-----|----------------------|
| 814674012 116            | 12 | 116,5 | 74,5 | 22 | 2400  | 5   | 11,20                |





# Schäkel, Karabinerhaken und Wirbel

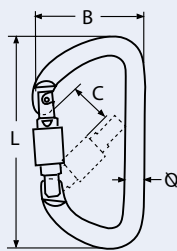
Shackles, spring hooks and swivels

Manilles, mousquetons, emerillons

**8493**

## Karabinerhaken mit Einpunkt-Sicherung / Alu

Single point alu spring hook / Mousqueton en Alu, 1 point de protection

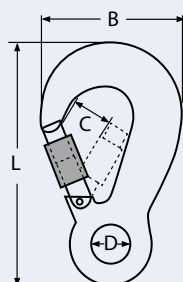


| Bestell-Nr.<br>Order no. | Ø  | L   | B  | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-------|-----|----------------------|
| 8493011_116              | 11 | 116 | 64 | 22 | 2200  | 5   | 13,00                |

**8494**

## Sicherungskarabinerhaken / Alu

Safety spring hook / Mousqueton de sécurité en Alu à œil

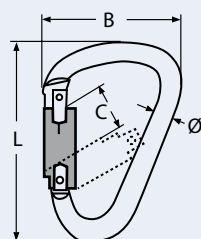


| Bestell-Nr.<br>Order no. | L   | D  | C  | B  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|-------|-----|----------------------|
| 84940130                 | 130 | 21 | 21 | 80 | 2000  | 5   | 12,20                |

**8490**

## Karabinerhaken mit Einpunkt-Sicherung, 1/4 Drehung / Alu

1/4 turn single point spring hook / Mousqueton en Alu - 1 point de protection - 1/4 de tour

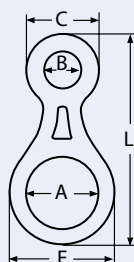


| Bestell-Nr.<br>Order no. | Ø  | L   | B   | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|-----|----|-------|-----|----------------------|
| 8490012_120              | 12 | 120 | 80  | 25 | 2400  | 5   | 17,50                |
| 8490014_190              | 14 | 190 | 104 | 46 | 2600  | 5   | 22,20                |

**8492**

## Abseilachter / Alu

Alu figure eight descender / Crochet en huit

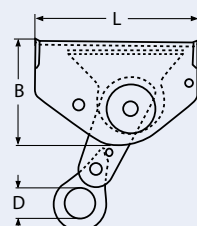


| Bestell-Nr.<br>Order no. | L   | A  | B  | C  | E  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|----|-------|-----|----------------------|
| 84920145                 | 145 | 51 | 26 | 48 | 76 | 3000  | 5   | 14,00                |

**8491**

## Steigklemme, Fallsicherung / A2-AISI 304

Rope shortener / Kit d'ascension



| Bestell-Nr.<br>Order no. | Seil-Ø<br>Rope-Ø | L   | B  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----|----|-----|----------------------|
| 8491212                  | 12               | 122 | 78 | 22 | 1   | 38,00                |
| 8491216                  | 16               | 122 | 78 | 22 | 1   | 39,50                |



## Kapitel 2 Chapter 2

### Spannschlösser, Terminals und Drahtseile Turnbuckles, terminals and wire ropes

2





# Spannschlösser, Terminals und Drahtseile

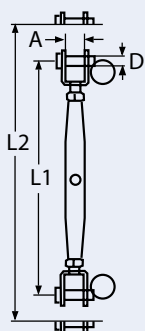
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

## 8245

### Wantenspanner Gabel-Gabel / A4-AISI 316

Turnbuckle with two forks / Ridoir corps fermé chape fixes

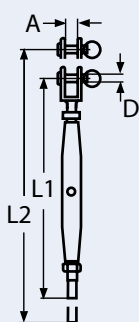


| Bestell-Nr.<br>Order no. | GW  | L1  | L2  | A   | D  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|----|-------|-----|----------------------|
| 8245404                  | M4  | 110 | 170 | 5,5 | 4  | 650   | 10  | 5,00                 |
| 8245405                  | M5  | 130 | 190 | 6,5 | 5  | 900   | 10  | 6,00                 |
| 8245406                  | M6  | 150 | 220 | 7,5 | 6  | 1250  | 10  | 7,00                 |
| 8245408                  | M8  | 165 | 240 | 11  | 8  | 1750  | 10  | 12,00                |
| 8245410                  | M10 | 190 | 280 | 12  | 9  | 3500  | 5   | 17,00                |
| 8245412                  | M12 | 245 | 360 | 14  | 12 | 5100  | 5   | 29,00                |
| 8245414                  | M14 | 270 | 390 | 15  | 12 | 5900  | 1   | 35,00                |
| 8245416                  | M16 | 310 | 450 | 17  | 16 | 8000  | 1   | 60,00                |
| 8245420                  | M20 | 360 | 510 | 20  | 19 | 13000 | 1   | 104,00               |

## 8275

### Wantenspanner Gabel-Terminal / A4-AISI 316

Turnbuckle with fork and terminal / Ridoir corps fermé chape fixe terminaison à sertir



| Bestell-Nr.<br>Order no. | GW  | DS-Ø<br>WR-Ø | L1  | L2  | A   | D  | Box | €/Stück<br>*€/piece |
|--------------------------|-----|--------------|-----|-----|-----|----|-----|---------------------|
| 8275405/25               | M5  | 2,5          | 155 | 215 | 6   | 5  | 10  | 6,00                |
| 8275406/3                | M6  | 3            | 175 | 245 | 7,5 | 6  | 10  | 7,00                |
| 8275406/4                | M6  | 4            | 185 | 255 | 7,5 | 6  | 10  | 8,00                |
| 8275408/4                | M8  | 4            | 200 | 275 | 11  | 8  | 10  | 10,00               |
| 8275408/5                | M8  | 5            | 205 | 280 | 11  | 8  | 10  | 12,00               |
| 8275410/5                | M10 | 5            | 230 | 320 | 12  | 9  | 5   | 16,00               |
| 8275410/6                | M10 | 6            | 245 | 335 | 12  | 9  | 5   | 20,00               |
| 8275412/6                | M12 | 6            | 285 | 400 | 14  | 12 | 5   | 29,00               |
| 8275412/8                | M12 | 8            | 305 | 420 | 14  | 12 | 5   | 36,00               |
| 8275414/7                | M14 | 7            | 315 | 435 | 15  | 15 | 1   | 37,00               |
| 8275416/8                | M16 | 8            | 360 | 500 | 17  | 17 | 1   | 63,00               |
| 8275416/10               | M16 | 10           | 370 | 510 | 17  | 16 | 1   | 64,00               |
| 8275420/10               | M20 | 10           | 410 | 560 | 20  | 20 | 1   | 91,00               |
| 8275420/12               | M20 | 12           | 410 | 560 | 20  | 20 | 1   | 98,00               |

Weitere Größen auf Anfrage.

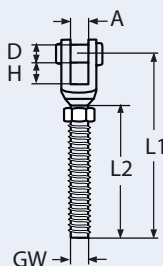
Other sizes available on request.

## 8386

### Gabel mit Rechtsgewinde

Fork with right-hand thread / Chape filetee pas a droite

**NEW**



| Bestell-Nr.<br>Order no. | GW  | L1  | L2  | H  | A   | D  | Box | €/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----|-----|----|-----|---------------------|
| 8386405                  | M5  | 65  | 42  | 10 | 6,5 | 5  | 10  | 2,10                |
| 8386406                  | M6  | 72  | 48  | 10 | 7,5 | 6  | 10  | 2,40                |
| 8386408                  | M8  | 81  | 56  | 11 | 11  | 8  | 10  | 3,90                |
| 8386410                  | M10 | 96  | 63  | 14 | 12  | 9  | 10  | 6,00                |
| 8386412                  | M12 | 122 | 80  | 20 | 14  | 12 | 10  | 10,30               |
| 8386414                  | M14 | 127 | 89  | 22 | 15  | 12 | 5   | 12,00               |
| 8386416                  | M16 | 158 | 103 | 26 | 17  | 16 | 5   | 19,00               |
| 8386420                  | M20 | 180 | 115 | 30 | 20  | 19 | 5   | 37,90               |

# Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes  
Tendeurs, ridoirs, embouts à sertir et câbles

# 2

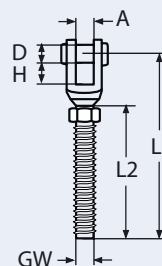
**NEW**

## Gabel mit Linksgewinde

Fork with left-hand thread / Chape filette pas à gauche

**8432**

| Bestell-Nr.<br>Order no. | GW  | L1  | L2  | H  | A   | D  | Box | €/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----|-----|----|-----|---------------------|
| 8432405                  | M5  | 65  | 42  | 10 | 6,5 | 5  | 10  | 2,10                |
| 8432406                  | M6  | 72  | 48  | 10 | 7,5 | 6  | 10  | 2,40                |
| 8432408                  | M8  | 81  | 56  | 11 | 11  | 8  | 10  | 3,90                |
| 8432410                  | M10 | 96  | 63  | 14 | 12  | 9  | 10  | 6,00                |
| 8432412                  | M12 | 122 | 80  | 20 | 14  | 12 | 10  | 10,30               |
| 8432414                  | M14 | 127 | 89  | 22 | 15  | 12 | 5   | 12,00               |
| 8432416                  | M16 | 158 | 103 | 26 | 17  | 16 | 5   | 19,00               |
| 8432420                  | M20 | 180 | 115 | 30 | 20  | 19 | 5   | 37,90               |



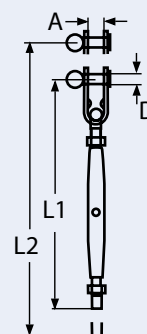
2

## Wantenspanner Toggle-Terminal / A4-AISI 316

Turnbuckle with toggle and terminal / Ridoir corps fermé chape articulé à sertir

**8276**

| Bestell-Nr.<br>Order no. | GW  | DS-Ø<br>WR-Ø | L1  | L2  | A  | D  | Box | €/Stück<br>*€/piece |
|--------------------------|-----|--------------|-----|-----|----|----|-----|---------------------|
| 8276406/3                | M6  | 3            | 180 | 250 | 7  | 6  | 5   | 9,00                |
| 8276406/4                | M6  | 4            | 190 | 260 | 7  | 6  | 5   | 10,00               |
| 8276408/4                | M8  | 4            | 210 | 285 | 10 | 8  | 5   | 13,00               |
| 8276408/5                | M8  | 5            | 215 | 290 | 10 | 8  | 5   | 15,00               |
| 8276410/5                | M10 | 5            | 250 | 340 | 12 | 9  | 5   | 20,00               |
| 8276410/6                | M10 | 6            | 265 | 355 | 12 | 9  | 5   | 24,00               |
| 8276412/6                | M12 | 6            | 300 | 410 | 13 | 12 | 5   | 36,00               |
| 8276412/8                | M12 | 8            | 320 | 430 | 13 | 12 | 5   | 41,00               |
| 8276414/7                | M14 | 7            | 328 | 453 | 15 | 14 | 1   | 45,00               |
| 8276416/8                | M16 | 8            | 390 | 530 | 17 | 16 | 1   | 77,00               |
| 8276416/10               | M16 | 10           | 400 | 540 | 17 | 16 | 1   | 87,00               |
| 8276420/10               | M20 | 10           | 450 | 590 | 20 | 19 | 1   | 115,00              |



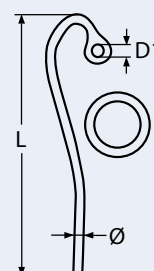
Weitere Größen auf Anfrage.  
Other sizes available on request.

## Sliphaken mit Ring / A4-AISI 316

Slip hook with ring / Crochet coulissant à anneau

**814167**

| Bestell-Nr.<br>Order no. | L   | D1   | Ø  | Kopfbreite<br>Thickness of head | Box | €/Stück<br>*€/piece |
|--------------------------|-----|------|----|---------------------------------|-----|---------------------|
| 8141674132_5             | 132 | 5,1  | 5  | 7,1                             | 5   | 2,20                |
| 8141674142_6             | 142 | 6,2  | 6  | 9,6                             | 5   | 3,40                |
| 8141674192_8             | 192 | 8,5  | 8  | 11,3                            | 2   | 8,00                |
| 8141674235_12            | 235 | 13,0 | 12 | 14,4                            | 2   | 19,90               |

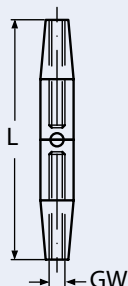




8418

## Spannschlossmutter ähnlich DIN 1478 / A4-AISI 316

Turnbuckle sleeve / Cage fermé de ridoir



| Bestell-Nr.<br>Order no. | GW  | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 8418405                  | M5  | 80  | 10  | 1,80                 |
| 8418406                  | M6  | 95  | 10  | 2,80                 |
| 8418408                  | M8  | 105 | 10  | 3,90                 |
| 8418410                  | M10 | 125 | 5   | 7,10                 |
| 8418412                  | M12 | 150 | 5   | 10,70                |
| 8418414                  | M14 | 165 | 1   | 12,30                |
| 8418416                  | M16 | 190 | 1   | 19,40                |
| 8418420                  | M20 | 210 | 1   | 31,70                |

Weitere Größen auf Anfrage.

Other sizes available on request.

8246

## Spannschloss / A4-AISI 316

Turnbuckle / Tendeur oeil/oeil - crochet/crochet - oeil/crochet



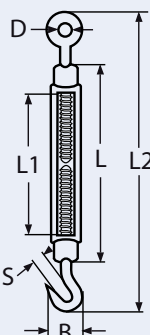
A



B



C



| Bestell-Nr.<br>Order no. | GW  | L   | L1  | L2  | B  | D  | S  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|----|----|----|-------|-----|----------------------|
| 82464*A*B*C04            | M4  | 58  | 44  | 90  | 13 | 6  | 6  | 120   | 10  | 2,40                 |
| 82464*A*B*C05            | M5  | 70  | 52  | 120 | 13 | 8  | 9  | 160   | 10  | 2,90                 |
| 82464*A*B*C06            | M6  | 90  | 66  | 160 | 16 | 10 | 10 | 320   | 10  | 3,20                 |
| 82464*A*B*C08            | M8  | 120 | 94  | 200 | 20 | 14 | 11 | 560   | 10  | 5,60                 |
| 82464*A*B*C10            | M10 | 150 | 120 | 240 | 28 | 16 | 12 | 880   | 5   | 9,40                 |
| 82464*A*B*C12            | M12 | 200 | 168 | 300 | 36 | 18 | 14 | 1200  | 5   | 17,00                |
| 82464*A*B*C16            | M16 | 250 | 210 | 390 | 40 | 26 | 16 | 2400  | 1   | 36,00                |
| 82464*A*B*C20            | M20 | 300 | 245 | 440 | 50 | 30 | 18 | 3600  | 1   | 66,00                |

\*A = Öse-Öse / Eye-Eye

\*B = Haken-Haken / Hook-Hook

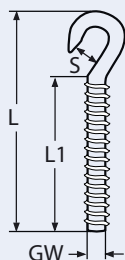
\*C = Öse-Haken / Eye-Hook

8435

## Hakenschraube mit Rechtsgewinde / A4-AISI 316

Hook screw with right-hand thread / Crochet filete pas a droite

NEW



| Bestell-Nr.<br>Order no. | GW  | S   | L   | L1   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|------|-----|----------------------|
| 8435405                  | M5  | 7,5 | 56  | 32   | 10  | 0,60                 |
| 8435406                  | M6  | 9   | 70  | 41,5 | 10  | 0,70                 |
| 8435408                  | M8  | 12  | 92  | 55   | 10  | 1,30                 |
| 8435410                  | M10 | 13  | 113 | 70   | 5   | 2,10                 |
| 8435412                  | M12 | 14  | 145 | 93   | 5   | 3,90                 |
| 8435416                  | M16 | 18  | 189 | 115  | 1   | 12,50                |
| 8435420                  | M20 | 20  | 220 | 140  | 1   | 19,60                |

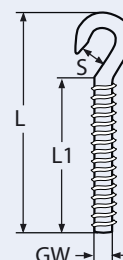
**NEW**

## Hakenschraube mit Linksgewinde / A4-AISI 316

Hook screw with left-hand thread / Crochet filete pas a gauche

**8436**

| Bestell-Nr.<br>Order no. | GW  | S   | L   | L1   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|------|-----|----------------------|
| 8436405                  | M5  | 7,5 | 56  | 32   | 10  | 0,60                 |
| 8436406                  | M6  | 9   | 70  | 41,5 | 10  | 0,70                 |
| 8436408                  | M8  | 12  | 92  | 55   | 10  | 1,30                 |
| 8436410                  | M10 | 13  | 113 | 70   | 5   | 2,10                 |
| 8436412                  | M12 | 14  | 145 | 93   | 5   | 3,90                 |
| 8436416                  | M16 | 18  | 189 | 115  | 1   | 12,50                |
| 8436420                  | M20 | 20  | 220 | 140  | 1   | 19,60                |



2

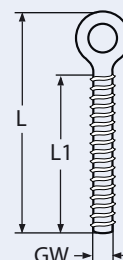
**NEW**

## Augschraube mit Rechtsgewinde / A4-AISI 316

Hook screw with right-hand thread / Oeil filete pas a droite

**8433**

| Bestell-Nr.<br>Order no. | GW  | S  | L   | L1   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|------|-----|----------------------|
| 8433405                  | M5  | 8  | 56  | 32   | 10  | 0,80                 |
| 8433406                  | M6  | 10 | 70  | 41,5 | 10  | 0,90                 |
| 8433408                  | M8  | 14 | 92  | 55   | 10  | 1,50                 |
| 8433410                  | M10 | 16 | 113 | 70   | 5   | 2,40                 |
| 8433412                  | M12 | 18 | 145 | 93   | 5   | 4,10                 |
| 8433416                  | M16 | 26 | 189 | 115  | 1   | 9,70                 |
| 8433420                  | M20 | 30 | 220 | 140  | 1   | 16,10                |



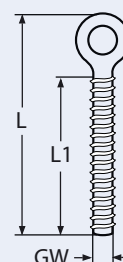
**NEW**

## Augschraube mit Linksgewinde / A4-AISI 316

Hook screw with left-hand thread / Oeil filete pas a gauche

**8434**

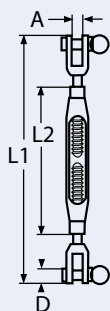
| Bestell-Nr.<br>Order no. | GW  | S  | L   | L1   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|------|-----|----------------------|
| 8434405                  | M5  | 8  | 56  | 32   | 10  | 0,80                 |
| 8434406                  | M6  | 10 | 70  | 41,5 | 10  | 0,90                 |
| 8434408                  | M8  | 14 | 92  | 55   | 10  | 1,50                 |
| 8434410                  | M10 | 16 | 113 | 70   | 5   | 2,40                 |
| 8434412                  | M12 | 18 | 145 | 93   | 5   | 4,10                 |
| 8434416                  | M16 | 26 | 189 | 115  | 1   | 9,70                 |
| 8434420                  | M20 | 30 | 220 | 140  | 1   | 16,10                |



## 8339

## Wantenspanner Gabel-Gabel / A4-AISI 316

Turnbuckle with two forks / Tendeur à chape fixe

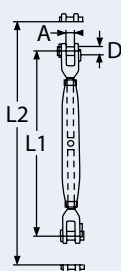


| Bestell-Nr.<br>Order no. | GW  | L1  | L2  | A   | D  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|----|-------|-----|----------------------|
| 8339405                  | M5  | 120 | 70  | 6,5 | 5  | 500   | 10  | 6,00                 |
| 8339406                  | M6  | 140 | 90  | 7,5 | 6  | 600   | 10  | 8,00                 |
| 8339408                  | M8  | 180 | 120 | 11  | 8  | 1100  | 10  | 13,00                |
| 8339410                  | M10 | 220 | 150 | 12  | 9  | 1750  | 5   | 19,00                |
| 8339412                  | M12 | 300 | 200 | 14  | 12 | 2300  | 5   | 32,00                |
| 8339414                  | M14 | 325 | 220 | 15  | 12 | 3600  | 1   | 46,00                |
| 8339416                  | M16 | 375 | 250 | 17  | 16 | 6800  | 1   | 70,00                |
| 8339420                  | M20 | 450 | 300 | 20  | 19 | 8200  | 1   | 117,00               |

## 814065

## Wantenspanner Gabel-Gabel, Gabelkopf aus gedrehtem Material / A4-AISI 316

Turnbuckle with two forks, milled forkhead / Ridoirs corps fermé chape fixe usinée terminaison à sertir



| Bestell-Nr.<br>Order no. | GW  | L1  | L2  | A   | D  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|----|-------|-----|----------------------|
| 814065405                | M5  | 135 | 195 | 6,5 | 5  | 460   | 10  | 11,00                |
| 814065406                | M6  | 160 | 230 | 7,5 | 6  | 910   | 10  | 14,00                |
| 814065408                | M8  | 180 | 255 | 11  | 8  | 1330  | 10  | 23,00                |
| 814065410                | M10 | 210 | 300 | 12  | 9  | 2180  | 5   | 37,00                |
| 814065412                | M12 | 270 | 380 | 14  | 12 | 2300  | 5   | 50,00                |
| 814065414                | M14 | 295 | 415 | 15  | 12 | 2190  | 1   | 64,00                |
| 814065416                | M16 | 340 | 480 | 17  | 16 | 5310  | 1   | 120,00               |

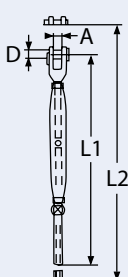
Weitere Größen auf Anfrage.

Other sizes available on request.

## 814066

## Wantenspanner Gabel-Terminal, Gabelkopf aus gedrehtem Material / A4-AISI 316

Turnbuckle fork-terminal, milled forkhead / Ridoirs corps fermé chape fixe usinée terminaison à sertir



| Bestell-Nr.<br>Order no. | GW  | DS-Ø<br>WR-Ø | L1  | L2  | A   | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|--------------|-----|-----|-----|----|-----|----------------------|
| 814066405/25             | M5  | 2,5          | 155 | 215 | 6,5 | 5  | 10  | 7,00                 |
| 814066406/3              | M6  | 3            | 180 | 250 | 7,5 | 6  | 10  | 12,00                |
| 814066406/4              | M6  | 4            | 190 | 260 | 7,5 | 6  | 10  | 13,00                |
| 814066408/4              | M8  | 4            | 210 | 285 | 11  | 8  | 10  | 16,00                |
| 814066408/5              | M8  | 5            | 215 | 290 | 11  | 8  | 10  | 20,00                |
| 814066410/5              | M10 | 5            | 240 | 330 | 12  | 9  | 5   | 23,00                |
| 814066410/6              | M10 | 6            | 255 | 345 | 12  | 9  | 5   | 28,00                |
| 814066412/6              | M12 | 6            | 300 | 410 | 14  | 12 | 5   | 45,00                |
| 814066412/8              | M12 | 8            | 320 | 430 | 14  | 12 | 5   | 48,00                |
| 814066414/7              | M14 | 7            | 330 | 450 | 15  | 12 | 1   | 34,00                |
| 814066416/8              | M16 | 8            | 370 | 510 | 17  | 16 | 1   | 86,00                |
| 814066416/10             | M16 | 10           | 380 | 520 | 17  | 16 | 1   | 93,00                |

Weitere Größen auf Anfrage.

Other sizes available on request.

# Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes  
Tendeurs, ridoirs, embouts à sertir et câbles

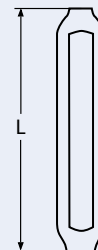
# 2

## Spannschlossmutter ähnlich DIN 1480 / A4-AISI 316

Turnbuckle sleeve / Cage ouverte de ridoir

## 8417

| Bestell-Nr.<br>Order no. | GW  | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 8417406                  | M6  | 90  | 10  | 2,00                 |
| 8417408                  | M8  | 120 | 10  | 3,00                 |
| 8417410                  | M10 | 150 | 5   | 5,00                 |
| 8417412                  | M12 | 200 | 5   | 9,00                 |
| 8417416                  | M16 | 250 | 1   | 18,00                |
| 8417420                  | M20 | 300 | 1   | 34,00                |



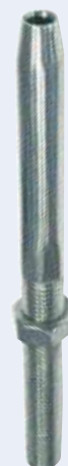
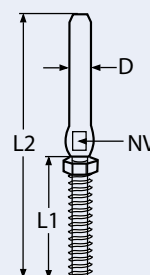
# 2

## Gewindeterminal mit Mutter, rechts / A4-AISI 316

Swage stud with nut, right thread / Terminaison fileté à sertir, pas à droite

## 8307

| Bestell-Nr.<br>Order no. | GW  | DS-Ø<br>WR-Ø | L1  | L2  | NV | D    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|--------------|-----|-----|----|------|-----|----------------------|
| 8307405/25               | M5  | 2,5          | 40  | 86  | 4  | 5,5  | 10  | 2,00                 |
| 8307406/3                | M6  | 3            | 48  | 100 | 5  | 6,5  | 10  | 2,40                 |
| 8307406/4                | M6  | 4            | 48  | 110 | 6  | 7,5  | 10  | 3,50                 |
| 8307408/4                | M8  | 4            | 57  | 117 | 6  | 7,5  | 10  | 3,60                 |
| 8307408/5                | M8  | 5            | 57  | 124 | 7  | 9,0  | 10  | 4,70                 |
| 8307410/5                | M10 | 5            | 63  | 130 | 7  | 9,0  | 5   | 5,00                 |
| 8307410/6                | M10 | 6            | 63  | 145 | 10 | 12,5 | 5   | 8,70                 |
| 8307412/6                | M12 | 6            | 80  | 162 | 10 | 12,5 | 5   | 9,50                 |
| 8307412/8                | M12 | 8            | 80  | 180 | 14 | 16,0 | 5   | 16,80                |
| 8307414/7                | M14 | 7            | 90  | 180 | 12 | 14,2 | 1   | 18,00                |
| 8307416/8                | M16 | 8            | 100 | 200 | 14 | 16,0 | 1   | 19,50                |
| 8307416/10               | M16 | 10           | 100 | 210 | 15 | 18,0 | 1   | 23,50                |
| 8307420/10               | M20 | 10           | 119 | 230 | 15 | 18,0 | 1   | 28,50                |
| 8307420/12               | M20 | 12           | 120 | 245 | 17 | 20,0 | 1   | 39,20                |
| 8307422/14               | M22 | 14           | 140 | 308 | 22 | 25,0 | 1   | 65,00                |
| 8307424/16               | M24 | 16           | 170 | 363 | 24 | 28,0 | 1   | 90,50                |



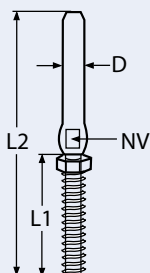
Weitere Größen auf Anfrage.  
Other sizes available on request.



8467

## Gewindeterminal mit Mutter, links / A4-AISI 316

Swage stud with nut, left thread / Terminaison fileté à sertir inox, pas à gauche

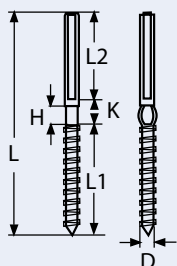


| Bestell-Nr.<br>Order no. | GW  | DS-Ø<br>WR-Ø | L1  | L2  | NV | D    | Box | €/Stück<br>*€/piece |
|--------------------------|-----|--------------|-----|-----|----|------|-----|---------------------|
| 8467405/25               | M5  | 2,5          | 40  | 86  | 4  | 5,5  | 10  | 2,00                |
| 8467406/3                | M6  | 3            | 48  | 100 | 5  | 6,5  | 10  | 2,60                |
| 8467406/4                | M6  | 4            | 48  | 110 | 6  | 7,5  | 10  | 3,30                |
| 8467408/4                | M8  | 4            | 57  | 117 | 6  | 7,5  | 10  | 3,60                |
| 8467408/5                | M8  | 5            | 57  | 124 | 7  | 9,0  | 10  | 4,60                |
| 8467410/5                | M10 | 5            | 63  | 130 | 7  | 9,0  | 5   | 4,70                |
| 8467410/6                | M10 | 6            | 63  | 145 | 10 | 12,5 | 5   | 8,50                |
| 8467412/6                | M12 | 6            | 80  | 162 | 10 | 12,5 | 5   | 10,30               |
| 8467412/8                | M12 | 8            | 80  | 180 | 14 | 16,0 | 5   | 16,00               |
| 8467414/7                | M14 | 7            | 90  | 180 | 12 | 14,2 | 1   | 18,00               |
| 8467416/8                | M16 | 8            | 100 | 200 | 14 | 16,0 | 1   | 19,50               |
| 8467416/10               | M16 | 10           | 100 | 210 | 15 | 18,0 | 1   | 23,50               |
| 8467420/10               | M20 | 10           | 119 | 230 | 15 | 18,0 | 1   | 28,50               |
| 8467420/12               | M20 | 12           | 120 | 245 | 17 | 20,0 | 1   | 35,30               |

814087

## Terminal mit Holzgewinde, rechts / A4-AISI 316

Swage stud with wood thread, right / Terminaison avec filetage bois pas à droite

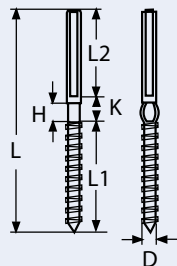


| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | D  | L   | L1 | L2 | K  | H  | Box | €/Stück<br>*€/piece |
|--------------------------|--------------|----|-----|----|----|----|----|-----|---------------------|
| 814087403                | 3            | 6  | 97  | 48 | 38 | 5  | 8  | 10  | 2,40                |
| 814087404                | 4            | 8  | 115 | 54 | 45 | 6  | 10 | 10  | 3,20                |
| 814087405                | 5            | 10 | 128 | 61 | 52 | 7  | 10 | 5   | 5,40                |
| 814087406                | 6            | 12 | 162 | 79 | 63 | 10 | 10 | 5   | 11,60               |

814088

## Terminal mit Holzgewinde, links / A4-AISI 316

Swage stud with wood thread, left / Terminaison avec filetage bois pas à gauche



| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | D  | L   | L1 | L2 | K  | H  | Box | €/Stück<br>*€/piece |
|--------------------------|--------------|----|-----|----|----|----|----|-----|---------------------|
| 814088403                | 3            | 6  | 97  | 48 | 38 | 5  | 8  | 10  | 2,50                |
| 814088404                | 4            | 8  | 115 | 54 | 45 | 6  | 10 | 10  | 3,00                |
| 814088405                | 5            | 10 | 128 | 61 | 52 | 7  | 10 | 5   | 7,50                |
| 814088406                | 6            | 12 | 162 | 79 | 63 | 10 | 10 | 5   | 13,60               |

# Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes  
Tendeurs, ridoirs, embouts à sertir et câbles

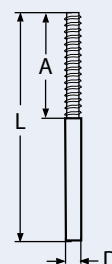
# 2

## Anschweißenden, rechts / A4-AISI 316

Bult ends, right thread / Terminaison à souder avec filetage pas à droite

### 8484

| Bestell-Nr.<br>Order no. | GW  | L   | A   | D    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|------|-----|----------------------|
| 8484405                  | M5  | 85  | 40  | 4,4  | 10  | 1,50                 |
| 8484406                  | M6  | 100 | 45  | 5,2  | 10  | 1,80                 |
| 8484408                  | M8  | 112 | 52  | 7,0  | 10  | 2,00                 |
| 8484410                  | M10 | 127 | 62  | 8,8  | 5   | 5,90                 |
| 8484412                  | M12 | 140 | 75  | 10,7 | 5   | 7,00                 |
| 8484414                  | M14 | 150 | 82  | 12,5 | 1   | 12,00                |
| 8484416                  | M16 | 170 | 95  | 14,2 | 1   | 15,00                |
| 8484420                  | M20 | 185 | 105 | 18,1 | 1   | 17,80                |



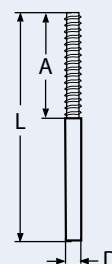
# 2

## Anschweißenden, links / A4-AISI 316

Bult ends, left thread / Terminaison à souder avec filetage pas à gauche

### 8511

| Bestell-Nr.<br>Order no. | GW  | L   | A   | D    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|------|-----|----------------------|
| 8511405                  | M5  | 85  | 40  | 4,4  | 10  | 1,50                 |
| 8511406                  | M6  | 100 | 45  | 5,2  | 10  | 1,80                 |
| 8511408                  | M8  | 112 | 52  | 7,0  | 10  | 2,00                 |
| 8511410                  | M10 | 127 | 62  | 8,8  | 5   | 5,90                 |
| 8511412                  | M12 | 140 | 75  | 10,7 | 5   | 7,00                 |
| 8511414                  | M14 | 150 | 82  | 12,5 | 1   | 12,00                |
| 8511416                  | M16 | 170 | 95  | 14,2 | 1   | 15,00                |
| 8511420                  | M20 | 185 | 105 | 18,1 | 1   | 17,80                |

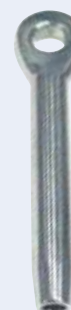
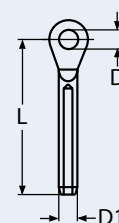


## Augterminal / A4-AISI 316

Eye terminal / Embout à œil à sertir

### 8281

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | D    | D1   | L    | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|------|------|------|-----|----------------------|
| 82814025                 | 2,5          | 5,4  | 5,5  | 48,5 | 10  | 1,80                 |
| 8281403                  | 3            | 6,5  | 6,35 | 55   | 10  | 2,20                 |
| 8281404                  | 4            | 8,5  | 7,5  | 65   | 10  | 2,80                 |
| 8281405                  | 5            | 10,5 | 9,0  | 80   | 5   | 4,10                 |
| 8281406                  | 6            | 12,5 | 12,5 | 94   | 5   | 6,30                 |
| 8281407                  | 7            | 12,7 | 14,0 | 105  | 5   | 8,10                 |
| 8281408                  | 8            | 14,5 | 16,0 | 124  | 1   | 12,00                |
| 8281410                  | 10           | 16,4 | 17,8 | 142  | 1   | 17,80                |
| 8281412                  | 12           | 19,3 | 19,5 | 160  | 1   | 25,20                |



# Spannschlösser, Terminals und Drahtseile

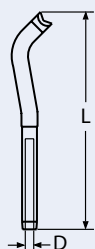
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

**8282**

## T-Terminal / A4-AISI 316

T-terminal / Embout en T, à sertir

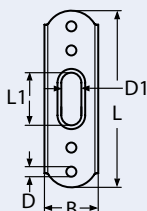


| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----|-----|----------------------|
| 8282403                  | 3            | 85  | 10  | 2,60                 |
| 8282404                  | 4            | 100 | 10  | 6,60                 |
| 8282405                  | 5            | 115 | 10  | 6,80                 |
| 8282406                  | 6            | 140 | 5   | 7,10                 |
| 8282407                  | 7            | 145 | 5   | 13,00                |
| 8282408                  | 8            | 185 | 1   | 15,90                |
| 8282410                  | 10           | 215 | 1   | 28,00                |

**8302**

## Halteplatte für T-Terminal / A4-AISI 316

Back plate for T-terminal / Plaque d'ancrage pour terminal en T

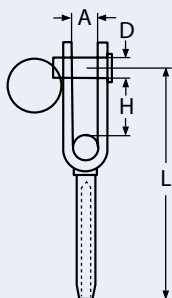


| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | L   | L1 | D1   | D   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----|----|------|-----|----|-----|----------------------|
| 8302404                  | 4            | 88  | 27 | 9,9  | 5,0 | 27 | 10  | 2,60                 |
| 8302405                  | 5            | 88  | 27 | 9,9  | 5,0 | 27 | 10  | 3,10                 |
| 8302406                  | 6            | 122 | 35 | 15,6 | 6,3 | 39 | 5   | 6,00                 |
| 8302407                  | 7            | 122 | 35 | 15,9 | 6,4 | 39 | 5   | 7,00                 |
| 8302408                  | 8            | 151 | 41 | 18,8 | 6,5 | 39 | 1   | 9,40                 |
| 8302410                  | 10           | 151 | 41 | 18,8 | 6,5 | 39 | 1   | 12,30                |

**8483**

## Toggle-Terminal / A4-AISI 316

Toggle terminal / Embout à chape articulée à sertir



| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | L   | D  | A  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----|----|----|----|-----|----------------------|
| 8483403                  | 3            | 75  | 6  | 7  | 15 | 5   | 10,30                |
| 8483404                  | 4            | 89  | 8  | 10 | 20 | 5   | 11,30                |
| 8483405                  | 5            | 104 | 9  | 12 | 25 | 5   | 13,10                |
| 8483406                  | 6            | 127 | 12 | 13 | 30 | 5   | 16,00                |
| 8483408                  | 8            | 163 | 16 | 17 | 40 | 1   | 32,50                |
| 8483410                  | 10           | 184 | 19 | 20 | 45 | 1   | 54,00                |

# Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes  
Tendeurs, ridoirs, embouts à sertir et câbles

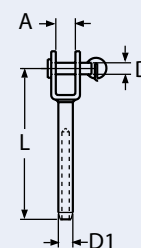
# 2

## Gabelterminal / A4-AISI 316

Fork terminal / Embout à chape fixe à sertir

### 8280

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | D  | D1   | A   | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----|------|-----|-----|-----|----------------------|
| 82804025                 | 2,5          | 5  | 5,5  | 6,5 | 55  | 10  | 2,00                 |
| 8280403                  | 3            | 6  | 6,4  | 7,5 | 65  | 10  | 2,60                 |
| 8280404-6                | 4            | 6  | 7,5  | 10  | 77  | 10  | 4,00                 |
| 8280404                  | 4            | 8  | 7,5  | 11  | 77  | 10  | 4,00                 |
| 8280405                  | 5            | 9  | 9,0  | 12  | 88  | 5   | 5,40                 |
| 8280406                  | 6            | 12 | 12,5 | 14  | 106 | 5   | 10,20                |
| 8280407                  | 7            | 12 | 14,3 | 15  | 116 | 5   | 12,80                |
| 8280408                  | 8            | 16 | 16,1 | 17  | 145 | 5   | 23,20                |
| 8280410                  | 10           | 18 | 20,6 | 20  | 150 | 1   | 33,80                |
| 8280412                  | 12           | 19 | 24,8 | 23  | 195 | 1   | 41,00                |
| 8280414                  | 14           | 22 | 25,0 | 30  | 232 | 1   | 81,00                |
| 8280416                  | 16           | 25 | 28,0 | 30  | 264 | 1   | 110,00               |



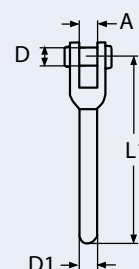
# 2

## Gabelterminal, Gabelkopf aus gedrehtem Material / A4-AISI 316

Milled fork terminal / Embout à chape fixe usinée à sertir

### 814067

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | L1  | A   | D  | D1   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----|-----|----|------|-----|----------------------|
| 814067403                | 3            | 73  | 7,5 | 6  | 6,5  | 10  | 5,00                 |
| 814067404                | 4            | 86  | 11  | 8  | 7,5  | 10  | 8,20                 |
| 814067405                | 5            | 100 | 12  | 9  | 9,0  | 5   | 11,70                |
| 814067406                | 6            | 128 | 14  | 12 | 12,5 | 5   | 22,10                |
| 814067407                | 7            | 135 | 15  | 12 | 14,2 | 5   | 28,70                |
| 814067408                | 8            | 155 | 17  | 16 | 16,0 | 5   | 46,00                |

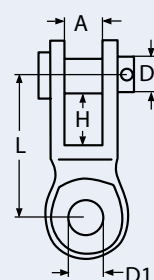


## Toggle / A4-AISI 316

Toggle for turnbuckles / Chape à œil

### 8278

| Bestell-Nr.<br>Order no. | D1   | D2   | A  | L  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|------|------|----|----|----|-----|----------------------|
| 8278405                  | 5,5  | 5,2  | 6  | 22 | 7  | 5   | 2,30                 |
| 8278406                  | 6,6  | 6,3  | 7  | 27 | 9  | 5   | 2,50                 |
| 8278408                  | 8,5  | 8,3  | 10 | 31 | 10 | 5   | 3,00                 |
| 8278410                  | 10,0 | 9,3  | 12 | 36 | 12 | 1   | 4,40                 |
| 8278412                  | 13,0 | 12,4 | 13 | 50 | 17 | 1   | 7,50                 |
| 8278414                  | 14,3 | 15,0 | 15 | 60 | 20 | 1   | 9,30                 |
| 8278416                  | 17,0 | 17,0 | 14 | 80 | 29 | 1   | 19,00                |

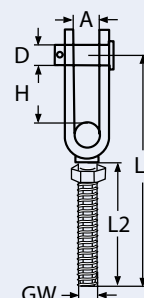


## Toggle mit Gewinde, rechts / A4-AISI 316

Toggle with right thread / Embout à chape articulée filetée, pas à droite

### 8486

| Bestell-Nr.<br>Order no. | GW  | L2  | L1  | D  | A  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----|----|----|-----|----------------------|
| 8486405                  | M5  | 42  | 62  | 5  | 6  | 13 | 10  | 3,00                 |
| 8486406                  | M6  | 48  | 77  | 6  | 7  | 15 | 10  | 3,50                 |
| 8486408                  | M8  | 56  | 94  | 8  | 10 | 20 | 5   | 6,00                 |
| 8486410                  | M10 | 67  | 115 | 9  | 12 | 25 | 5   | 8,10                 |
| 8486412                  | M12 | 81  | 136 | 12 | 13 | 30 | 5   | 14,50                |
| 8486416                  | M16 | 103 | 163 | 16 | 17 | 40 | 1   | 33,00                |
| 8486420                  | M20 | 115 | 198 | 19 | 20 | 45 | 1   | 53,00                |





# Spannschlösser, Terminals und Drahtseile

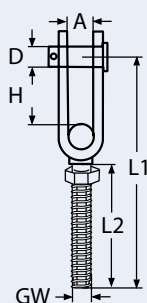
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

## 8503

### Toggle mit Gewinde, links / A4-AISI 316

Toggle with left thread / Embout à chape articulée fileté, pas à gauche

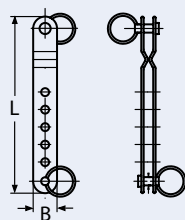


| Bestell-Nr.<br>Order no. | GW  | L2  | L1  | D  | A  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----|----|----|-----|----------------------|
| 8503405                  | M5  | 42  | 62  | 5  | 6  | 13 | 10  | 3,30                 |
| 8503406                  | M6  | 48  | 77  | 6  | 7  | 15 | 10  | 3,40                 |
| 8503408                  | M8  | 56  | 94  | 8  | 10 | 20 | 5   | 6,00                 |
| 8503410                  | M10 | 67  | 116 | 9  | 12 | 25 | 5   | 9,50                 |
| 8503412                  | M12 | 81  | 136 | 12 | 13 | 30 | 5   | 14,50                |
| 8503414                  | M14 | 89  | 140 | 14 | 15 | 35 | 1   | 29,00                |
| 8503416                  | M16 | 103 | 163 | 16 | 17 | 40 | 1   | 33,00                |
| 8503420                  | M20 | 115 | 198 | 19 | 20 | 45 | 1   | 53,00                |

## 8346

### Wantenversteller / A2-AISI 304

Stay adjuster / Latte

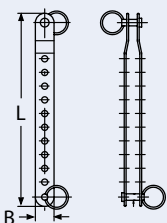


| Bestell-Nr.<br>Order no. | L   | B  | Bolzen<br>Bolt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----------------|-----|----------------------|
| 83462104                 | 104 | 15 | 5              | 5   | 3,30                 |

## 8350

### Wantenversteller / A2-AISI 304

Stay adjuster / Latte

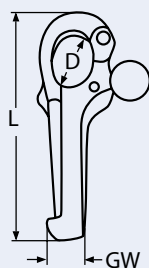


| Bestell-Nr.<br>Order no. | L   | B  | Bolzen<br>Bolt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----------------|-----|----------------------|
| 83502100                 | 100 | 15 | 5              | 5   | 6,80                 |
| 83502155                 | 155 | 15 | 5              | 5   | 8,10                 |
| 83502200                 | 200 | 15 | 5              | 5   | 11,10                |

## 8283

### Pelikanhaken mit Gewinde / A4-AISI 316

Pelican hook with thread / Crochet pelican fileté



| Bestell-Nr.<br>Order no. | GW  | L   | D    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|-------|-----|----------------------|
| 8283406                  | M6  | 75  | 18,5 | 1200  | 1   | 5,50                 |
| 8283408                  | M8  | 100 | 27,0 | 1500  | 1   | 8,50                 |
| 8283410-125              | M10 | 125 | 35,0 | 3500  | 1   | 25,20                |
| 8283410                  | M10 | 144 | 35,0 | 3500  | 1   | 26,00                |
| 8283412                  | M12 | 150 | 39,0 | 3500  | 1   | 27,00                |

# Spannschlösser, Terminals und Drahtseile

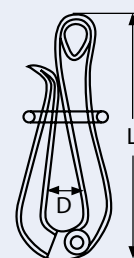
Turnbuckles, terminals and wire ropes  
Tendeurs, ridoirs, embouts à sertir et câbles

# 2

Pelikanhaken / A4-AISI 316  
Pelikan hook / Crochet pélican

## 814077

| Bestell-Nr.<br>Order no. | L   | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8140774100               | 100 | 18 | 5   | 9,60                 |
| 8140774150               | 150 | 22 | 5   | 18,20                |



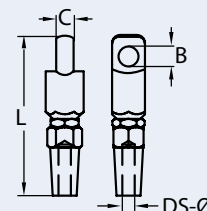
Montageaugterminal / A4-AISI 316

Quick attach eye terminal / Embout à œil à sertissage rapide

## 8403

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | B  | C   | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----|-----|-----|-----|----------------------|
| 8403404                  | 4            | 8  | 6,5 | 67  | 1   | 32,90                |
| 8403405                  | 5            | 10 | 8   | 80  | 1   | 35,50                |
| 8403406                  | 6            | 12 | 9   | 95  | 1   | 43,00                |
| 8403408                  | 8            | 14 | 10  | 119 | 1   | 83,50                |

Für Seile: 1x19 – 7x7 – 7x19 · BL= ca. 95% vom Seil  
For wire: 1x19 – 7x7 – 7x19 · BL= ca. 95% of wire



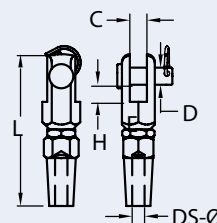
Montagegabelterminal / A4-AISI 316

Quick attach jaw terminal / Embout à chape à sertissage rapide

## 8404

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | D  | C  | L   | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----|----|-----|----|-----|----------------------|
| 8404404                  | 4            | 8  | 8  | 72  | 8  | 1   | 28,00                |
| 8404405                  | 5            | 10 | 10 | 82  | 10 | 1   | 38,60                |
| 8404406                  | 6            | 12 | 12 | 94  | 12 | 1   | 47,70                |
| 8404408                  | 8            | 14 | 14 | 116 | 14 | 1   | 64,50                |

Für Seile: 1x19 – 7x7 – 7x19 · BL= ca. 95% vom Seil  
For wire: 1x19 – 7x7 – 7x19 · BL= ca. 95% of wire



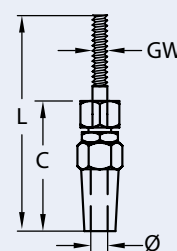
Montagegewindeterminale / A4-AISI 316

Fast and bolt, quick attach thread terminal / Terminaison fileté à sertissage rapide

## 8406

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | GW  | C   | L   | Box | €/Stück<br>*€/piece |
|--------------------------|--------------|-----|-----|-----|-----|---------------------|
| 8406404                  | 4            | M8  | 57  | 100 | 1   | 32,60               |
| 8406405                  | 5            | M10 | 63  | 117 | 1   | 37,80               |
| 8406406                  | 6            | M12 | 80  | 145 | 1   | 60,00               |
| 8406408                  | 8            | M16 | 100 | 182 | 1   | 79,20               |

Für Seile: 1x19 – 7x7 – 7x19 · BL= ca. 95% vom Seil  
For wire: 1x19 – 7x7 – 7x19 · BL= ca. 95% of wire

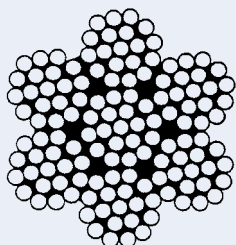


8382

Edelstahl-Drahtseil flexibel (mit 1.570 N/mm<sup>2</sup>) / A4-AISI 316

Wire rope for halyard, flexible / Câble extra souple

7x19



| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | Gewicht Kg/m<br>Weight | rechn. BL/kN<br>Mathematical | mind. BL/kN<br>Minimum | *€/Meter<br>*€/metre |
|--------------------------|--------------|------------------------|------------------------------|------------------------|----------------------|
| 83824015                 | 1,5          | 0,007                  | 1,48                         | 1,28                   | 1,00                 |
| 8382402                  | 2            | 0,015                  | 2,65                         | 2,33                   | 1,10                 |
| 83824025                 | 2,5          | 0,023                  | 4,17                         | 3,66                   | 2,10                 |
| 8382403                  | 3            | 0,035                  | 5,86                         | 4,69                   | 2,30                 |
| 8382404                  | 4            | 0,061                  | 10,4                         | 8,34                   | 2,40                 |
| 8382405                  | 5            | 0,096                  | 16,3                         | 13,0                   | 2,70                 |
| 8382406                  | 6            | 0,138                  | 23,4                         | 18,8                   | 4,00                 |
| 8382407                  | 7            | 0,187                  | 31,97                        | 25,5                   | 5,30                 |
| 8382408                  | 8            | 0,243                  | 41,7                         | 33,3                   | 6,60                 |
| 8382410                  | 10           | 0,381                  | 65,1                         | 52,1                   | 11,50                |
| 8382412                  | 12           | 0,548                  | 93,7                         | 75,0                   | 18,40                |
| 8382414                  | 14           | 0,764                  | 128,0                        | 102,0                  | 35,60                |
| 8382416                  | 16           | 0,973                  | 145,5                        | 136,6                  | 40,50                |

Die in der Tabelle erwähnten Meterpreise gelten bei Haspelabnahme

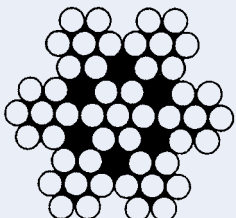
The prices per metre specified in the table are valid for complete rolls only.

8379

Edelstahl-Drahtseil mittelweich (mit 1.570 N/mm<sup>2</sup>) / A4-AISI 316

Semi-soft wire rope / Câble souple

7x7



| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | Gewicht Kg/m<br>Weight | rechn. BL/kN<br>Mathematical | mind. BL/kN<br>Minimum | *€/Meter<br>*€/metre |
|--------------------------|--------------|------------------------|------------------------------|------------------------|----------------------|
| 8379401                  | 1            | 0,004                  | 0,71                         | 0,63                   | 0,35                 |
| 83794015                 | 1,5          | 0,009                  | 1,62                         | 1,42                   | 0,44                 |
| 8379402                  | 2            | 0,016                  | 2,69                         | 2,25                   | 0,50                 |
| 83794025                 | 2,5          | 0,025                  | 4,50                         | 3,95                   | 0,60                 |
| 8379403                  | 3            | 0,035                  | 6,05                         | 5,07                   | 1,00                 |
| 8379404                  | 4            | 0,063                  | 10,8                         | 9,01                   | 1,70                 |
| 8379405                  | 5            | 0,098                  | 16,8                         | 14,1                   | 2,60                 |
| 8379406                  | 6            | 0,142                  | 24,2                         | 20,3                   | 3,80                 |
| 8379407                  | 7            | 0,193                  | 33,0                         | 27,6                   | 6,00                 |
| 8379408                  | 8            | 0,252                  | 43,0                         | 36,1                   | 9,00                 |
| 8379410                  | 10           | 0,393                  | 67,2                         | 56,3                   | 10,00                |
| 8379412                  | 12           | 0,564                  | 97,67                        | 81,16                  | 12,80                |

Die in der Tabelle erwähnten Meterpreise gelten bei Haspelabnahme

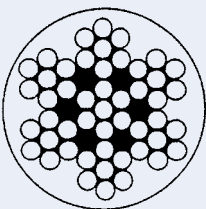
The prices per metre specified in the table are valid for complete rolls only.

8381

Edelstahl-Drahtseil, PVC ummantelt (mit 1.570 N/mm<sup>2</sup>) / A4-AISI 316

PVC coated wire rope for guardrail / Câble souple gainé

7x7



| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | Farbe<br>Colour | *€/Meter<br>*€/metre |
|--------------------------|--------------|-----------------|----------------------|
| 838143/5                 | 3/5          | Weiß/White      | 1,30                 |
| 838144/6                 | 4/6          | Weiß/White      | 2,80                 |
| 838144/7                 | 4/7          | Weiß/White      | 3,00                 |
| 838145/7                 | 5/7          | Weiß/White      | 3,90                 |
| 838146/9                 | 6/9          | Weiß/White      | 4,40                 |

Die in der Tabelle erwähnten Meterpreise gelten bei Haspelabnahme

The prices per metre specified in the table are valid for complete rolls only.

# Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes  
Tendeurs, ridoirs, embouts à sertir et câbles

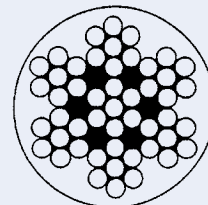
# 2

## Edelstahl-Drahtseil, PVC ummantelt (mit 1.570 N/mm<sup>2</sup>) / A4-AISI 316 PVC coated wire rope / Câble souple 7x7 gainé transparent

### 814593

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | Gewicht Kg/m<br>Weight | rechn. BL/kN<br>Mathematical | mind. BL/kN<br>Minimum | Farbe<br>Colour | *€/Meter<br>*/€/metre |
|--------------------------|--------------|------------------------|------------------------------|------------------------|-----------------|-----------------------|
| 81459341/15250           | 1/1,5        | 0,012                  | 0,71                         | 0,63                   | Transparent     | 0,30                  |
| 8145934125/2250          | 1,25/2       | 0,014                  | 1,05                         | 0,88                   | Transparent     | 0,40                  |
| 81459342/3250            | 2/3          | 0,023                  | 2,69                         | 2,25                   | Transparent     | 0,60                  |
| 81459343/4250            | 3/4          | 0,044                  | 6,05                         | 5,07                   | Transparent     | 1,10                  |
| 81459344/5250            | 4/5          | 0,072                  | 10,80                        | 9,01                   | Transparent     | 1,70                  |
| 81459345/7250            | 5/7          | 0,117                  | 16,80                        | 14,10                  | Transparent     | 2,80                  |

7x7



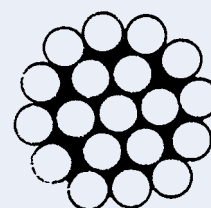
Die in der Tabelle erwähnten Meterpreise gelten bei Haspelabnahme  
The prices per metre specified in the table are valid for complete rolls only.

## Edelstahl-Drahtseil hart (mit 1.570 N/mm<sup>2</sup>) / A4-AISI 316 Wire rope for shrouds / Câble monotonon

### 8378

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | Gewicht Kg/m<br>Weight | rechn. BL/kN<br>Mathematical | mind. BL/kN<br>Minimum | *€/Meter<br>*/€/metre |
|--------------------------|--------------|------------------------|------------------------------|------------------------|-----------------------|
| 8378401                  | 1            | 0,005                  | 0,94                         | 0,83                   | 0,30                  |
| 83784015                 | 1,5          | 0,012                  | 2,11                         | 1,86                   | 0,40                  |
| 8378402                  | 2            | 0,020                  | 3,75                         | 3,30                   | 0,60                  |
| 83784025                 | 2,5          | 0,031                  | 5,86                         | 5,15                   | 0,90                  |
| 8378403                  | 3            | 0,045                  | 8,43                         | 7,42                   | 1,20                  |
| 8378404                  | 4            | 0,080                  | 15,0                         | 13,2                   | 2,90                  |
| 8378405                  | 5            | 0,124                  | 23,4                         | 20,6                   | 3,20                  |
| 8378406                  | 6            | 0,178                  | 33,7                         | 29,7                   | 4,75                  |
| 8378407                  | 7            | 0,243                  | 45,9                         | 40,4                   | 7,40                  |
| 8378408                  | 8            | 0,317                  | 60,0                         | 52,8                   | 10,90                 |
| 8378410                  | 10           | 0,495                  | 93,7                         | 82,5                   | 11,95                 |
| 8378412                  | 12           | 0,713                  | 135,0                        | 119                    | 22,95                 |
| 8378414                  | 14           | 0,971                  | 184,0                        | 162                    | 42,50                 |
| 8378416                  | 16           | 1,270                  | 240,0                        | 211                    | 56,50                 |

1x19

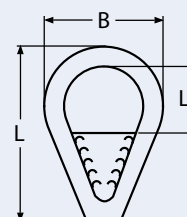


Die in der Tabelle erwähnten Meterpreise gelten bei Haspelabnahme  
The prices per metre specified in the table are valid for complete rolls only.

## Kausche mit Steg / A4-AISI 316 Thimble with bar / Cosse cœur soudé

### 8636

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | B  | L  | L1 | Box | *€/Stück<br>*/€/piece |
|--------------------------|--------------|----|----|----|-----|-----------------------|
| 8636406                  | 6            | 23 | 37 | 11 | 10  | 5,50                  |
| 8636408                  | 8            | 31 | 50 | 15 | 10  | 6,00                  |
| 8636410                  | 10           | 39 | 53 | 21 | 10  | 9,00                  |
| 8636412                  | 12           | 42 | 60 | 25 | 5   | 11,00                 |
| 8636414                  | 14           | 51 | 74 | 30 | 5   | 13,60                 |





# Spannschlösser, Terminals und Drahtseile

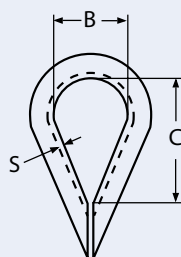
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

## 8247

**Kausche / A4-AISI 316**

Wire thimble / Cosse cœur

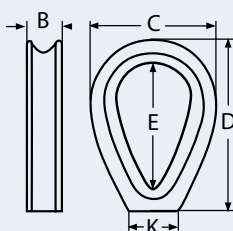


| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | B  | C  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----|----|-----|-----|----------------------|
| 8247402                  | 2            | 7  | 10 | 0,7 | 50  | 0,20                 |
| 82474025                 | 2,5          | 8  | 14 | 0,7 | 50  | 0,25                 |
| 8247403                  | 3            | 9  | 15 | 1,0 | 50  | 0,26                 |
| 8247404                  | 4            | 11 | 18 | 1,0 | 20  | 0,33                 |
| 8247405                  | 5            | 14 | 20 | 1,2 | 20  | 0,43                 |
| 8247406                  | 6            | 15 | 23 | 1,2 | 20  | 0,46                 |
| 8247408                  | 8            | 18 | 29 | 1,5 | 10  | 0,84                 |
| 8247410                  | 10           | 24 | 37 | 1,5 | 10  | 1,12                 |
| 8247412                  | 12           | 29 | 50 | 1,5 | 10  | 1,62                 |
| 8247414                  | 14           | 33 | 54 | 2,0 | 5   | 2,64                 |
| 8247416                  | 16           | 37 | 64 | 2,0 | 5   | 3,50                 |
| 8247418                  | 18           | 40 | 70 | 2,5 | 1   | 4,50                 |
| 8247420                  | 20           | 45 | 75 | 2,5 | 1   | 5,40                 |
| 8247422_24               | 24           | 48 | 79 | 2,5 | 1   | 8,10                 |

## 8536

**Kausche, schwere und geschlossene Form / A4-AISI 316**

Thimble, heavy and closed / Cosse cœur forme arrondie

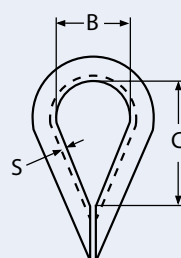


| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | B  | C   | D   | E   | K   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----|-----|-----|-----|-----|-----|----------------------|
| 8536402                  | 2            | 5  | 15  | 21  | 15  | 6,4 | 10  | 1,10                 |
| 8536403                  | 3            | 6  | 20  | 26  | 18  | 8,4 | 10  | 1,30                 |
| 8536404                  | 4            | 7  | 25  | 32  | 21  | 11  | 10  | 1,50                 |
| 8536405                  | 5            | 9  | 31  | 42  | 28  | 12  | 10  | 2,20                 |
| 8536406                  | 6            | 11 | 32  | 43  | 28  | 12  | 10  | 2,80                 |
| 8536408                  | 8            | 10 | 41  | 58  | 43  | 13  | 5   | 3,70                 |
| 8536410                  | 10           | 13 | 50  | 72  | 51  | 14  | 5   | 5,00                 |
| 8536412                  | 12           | 16 | 60  | 86  | 62  | 16  | 5   | 8,50                 |
| 8536416                  | 16           | 20 | 75  | 110 | 82  | 21  | 1   | 13,30                |
| 8536419                  | 19           | 24 | 90  | 124 | 94  | 31  | 1   | 18,00                |
| 8536422                  | 22           | 28 | 100 | 130 | 100 | 38  | 1   | 24,00                |
| 8536425                  | 25           | 32 | 116 | 148 | 115 | 48  | 1   | 38,00                |

## 814453

**Nylon Kauschen**

Nylon thimbles / Cosse cœur en nylon



| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | B  | C  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----|----|---|-----|----------------------|
| 814453304                | 4            | 13 | 19 | 2 | 20  | 0,20                 |
| 814453306                | 6            | 16 | 22 | 2 | 20  | 0,30                 |
| 814453308                | 8            | 23 | 38 | 2 | 20  | 0,40                 |
| 814453310                | 10           | 24 | 40 | 3 | 10  | 0,70                 |
| 814453312                | 12           | 24 | 41 | 3 | 10  | 0,90                 |
| 814453314                | 14           | 26 | 44 | 3 | 10  | 1,40                 |
| 814453316                | 16           | 34 | 54 | 5 | 5   | 1,90                 |
| 814453318                | 18           | 34 | 56 | 6 | 5   | 2,70                 |
| 814453320                | 20           | 35 | 57 | 6 | 5   | 3,50                 |

# Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes  
Tendeurs, ridoirs, embouts à sertir et câbles

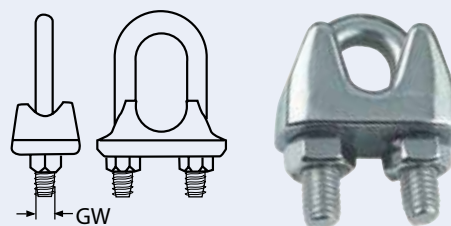
# 2

## Drahtseilklemme / A4-AISI 316

Wire rope clip / Serre câble à etrier

## 8248

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | GW  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----|-----|----------------------|
| 8248402                  | 2            | M3  | 50  | 1,00                 |
| 8248403                  | 3            | M3  | 50  | 1,10                 |
| 8248404                  | 4            | M4  | 20  | 1,20                 |
| 8248405                  | 5            | M5  | 20  | 1,30                 |
| 8248406                  | 6            | M6  | 20  | 1,50                 |
| 8248408                  | 8            | M6  | 10  | 2,30                 |
| 8248410                  | 10           | M8  | 10  | 3,80                 |
| 8248413                  | 13           | M10 | 5   | 5,70                 |
| 8248416                  | 16           | M10 | 5   | 8,90                 |
| 8248418                  | 18 + 19      | M12 | 1   | 12,70                |
| 8248422                  | 22           | M12 | 1   | 17,50                |



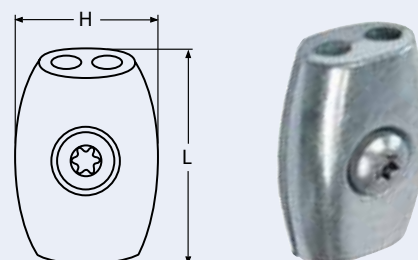
# 2

## Eiform-Drahtseilklemme / A4-AISI 316

Egg shaped wire rope clip / Serre cable forme œuf

## 814391

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | L  | H  | TX | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----|----|----|-----|----------------------|
| 814391402                | 2            | 28 | 11 | 20 | 10  | 6,00                 |
| 814391403                | 3            | 28 | 12 | 25 | 10  | 7,20                 |
| 814391404                | 4            | 34 | 14 | 30 | 10  | 8,00                 |
| 814391405                | 5            | 34 | 15 | 30 | 5   | 9,40                 |
| 814391406                | 6            | 35 | 15 | 30 | 5   | 10,90                |

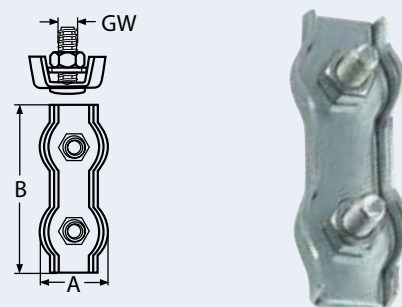


## Duplex Drahtseilklemme / A4-AISI 316

Duplex wire rope clip / Serre câble plat double

## 8284

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | GW  | A    | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----|------|----|-----|----------------------|
| 8284402                  | 2            | M4  | 11,5 | 33 | 20  | 1,30                 |
| 8284403                  | 3            | M4  | 14,5 | 38 | 20  | 1,30                 |
| 8284404                  | 4            | M5  | 16,5 | 43 | 20  | 1,70                 |
| 8284405                  | 5            | M5  | 20,0 | 51 | 10  | 2,50                 |
| 8284406                  | 6            | M6  | 24,5 | 63 | 10  | 3,30                 |
| 8284408                  | 8            | M8  | 31,5 | 78 | 5   | 5,60                 |
| 8284410                  | 10           | M10 | 38,0 | 85 | 5   | 9,20                 |

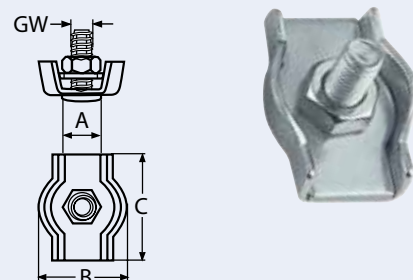


## Simplex Drahtseilklemme / A4-AISI 316

Simplex wire rope clip / Serre câble plat simple

## 8304

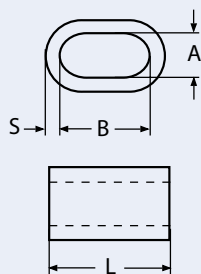
| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | GW  | A  | B    | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----|----|------|----|-----|----------------------|
| 8304402                  | 2            | M4  | 4  | 11,5 | 15 | 20  | 0,50                 |
| 8304403                  | 3            | M4  | 6  | 14,5 | 18 | 20  | 0,60                 |
| 8304404                  | 4            | M5  | 8  | 16,5 | 20 | 20  | 1,00                 |
| 8304405                  | 5            | M5  | 10 | 20,0 | 24 | 10  | 1,20                 |
| 8304406                  | 6            | M6  | 12 | 24,5 | 29 | 10  | 1,90                 |
| 8304408                  | 8            | M8  | 16 | 31,5 | 35 | 5   | 3,50                 |
| 8304410                  | 10           | M10 | 20 | 38,0 | 48 | 5   | 4,90                 |



## 8285

## Pressklemme aus Kupfer

Copper ferrule / Manchon en cuivre

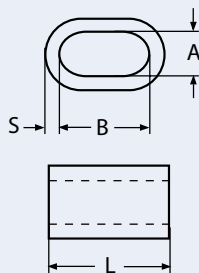


| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | Klemmgröße<br>Clamping size | A    | B    | S    | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----------------------------|------|------|------|----|-----|----------------------|
| 8285101                  | 1            | 1,5                         | 1,7  | 3,4  | 0,75 | 6  | 100 | 0,16                 |
| 82851015                 | 1,5          | 2,0                         | 2,4  | 4,8  | 0,85 | 7  | 100 | 0,22                 |
| 8285102                  | 2            | 2,5                         | 2,7  | 5,4  | 1,0  | 9  | 100 | 0,25                 |
| 8285103                  | 3            | 3,5                         | 3,8  | 7,6  | 1,5  | 13 | 100 | 0,42                 |
| 8285104                  | 4            | 4,5                         | 4,9  | 9,8  | 1,9  | 16 | 100 | 0,80                 |
| 8285105                  | 5            | 6,0                         | 6,6  | 13,2 | 2,5  | 21 | 50  | 1,70                 |
| 8285106                  | 6            | 6,5                         | 7,2  | 14,4 | 2,7  | 23 | 50  | 2,10                 |
| 8285107                  | 7            | 8,0                         | 8,8  | 17,6 | 3,3  | 28 | 10  | 3,75                 |
| 8285108                  | 8            | 9,0                         | 9,9  | 19,8 | 3,7  | 32 | 10  | 6,40                 |
| 8285110                  | 10           | 11,0                        | 12,1 | 24,2 | 4,5  | 39 | 10  | 7,10                 |
| 8285112                  | 12           | 13,0                        | 14,2 | 28,4 | 5,4  | 46 | 10  | 21,83                |
| 8285116                  | 16           | 18,0                        | 19,6 | 39,2 | 7,6  | 63 | 5   | 43,25                |

## 8470

## Pressklemme aus Edelstahl / A4-AISI 316

Stainless steel ferrule / Manchon en inox

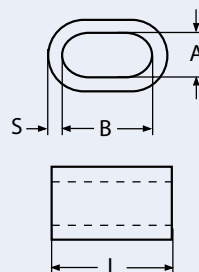


| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | Klemmgröße<br>Clamping size | A    | B    | S    | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----------------------------|------|------|------|----|-----|----------------------|
| 8470401                  | 1            | 1                           | 1,2  | 2,4  | 0,65 | 5  | 10  | 1,20                 |
| 84704015                 | 1,5          | 1,5                         | 1,7  | 3,4  | 0,85 | 6  | 10  | 1,30                 |
| 8470402                  | 2            | 2                           | 2,5  | 4,5  | 1,0  | 9  | 10  | 1,40                 |
| 8470403                  | 3            | 3                           | 3,5  | 7,5  | 1,0  | 11 | 10  | 1,90                 |
| 8470404                  | 4            | 4                           | 4,5  | 9,2  | 1,5  | 14 | 10  | 1,90                 |
| 8470405                  | 5            | 5                           | 5,6  | 11,5 | 2,0  | 18 | 10  | 4,00                 |
| 8470406                  | 6            | 6                           | 6,8  | 13,5 | 2,5  | 21 | 10  | 4,90                 |
| 8470407                  | 7            | 7                           | 8,0  | 16,5 | 2,5  | 25 | 5   | 7,20                 |
| 8470408                  | 8            | 8                           | 9,0  | 18,0 | 3,0  | 28 | 5   | 7,10                 |
| 8470410                  | 10           | 10                          | 11,5 | 22,5 | 3,2  | 35 | 1   | 10,60                |
| 8470412                  | 12           | 12                          | 14,2 | 28,5 | 4,0  | 42 | 1   | 14,40                |

## 8471

## Pressklemme aus Aluminium - DIN 3093

Alu ferrule / Manchon en alu



| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | Klemmgröße<br>Clamping size | A    | B    | S    | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----------------------------|------|------|------|----|-----|----------------------|
| 8471001                  | 1            | 1,5                         | 1,7  | 3,4  | 0,75 | 6  | 100 | 0,10                 |
| 84710015                 | 1,5          | 2,0                         | 2,4  | 4,8  | 0,85 | 7  | 100 | 0,15                 |
| 8471002                  | 2            | 2,5                         | 2,7  | 5,4  | 1,0  | 9  | 100 | 0,20                 |
| 8471003                  | 3            | 3,5                         | 3,8  | 7,6  | 1,5  | 13 | 100 | 0,25                 |
| 8471004                  | 4            | 4,5                         | 4,9  | 9,8  | 1,9  | 16 | 100 | 0,35                 |
| 8471005                  | 5            | 6,0                         | 6,6  | 13,2 | 2,5  | 21 | 50  | 1,00                 |
| 8471006                  | 6            | 6,5                         | 7,2  | 14,4 | 2,7  | 23 | 50  | 1,25                 |
| 8471007                  | 7            | 8,0                         | 8,8  | 17,6 | 3,3  | 28 | 10  | 1,75                 |
| 8471008                  | 8            | 9,0                         | 9,9  | 19,8 | 3,7  | 32 | 10  | 2,25                 |
| 8471010                  | 10           | 11,0                        | 12,1 | 24,2 | 4,5  | 39 | 10  | 3,00                 |
| 8471012                  | 12           | 13,0                        | 14,2 | 28,4 | 5,4  | 46 | 5   | 5,00                 |

# Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes  
Tendeurs, ridoirs, embouts à sertir et câbles

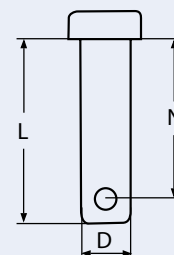
# 2

Steckbolzen / A4-AISI 316

Steel pin / Axe pour ridoir

## 8279

| Bestell-Nr.<br>Order no. | D   | L   | N   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|----------------------|
| 8279404_14               | 4   | 14  | 11  | 5   | 1,05                 |
| 8279404_20               | 4   | 20  | 16  | 5   | 1,10                 |
| 8279405_15               | 5   | 15  | 11  | 5   | 1,15                 |
| 8279405_18               | 5   | 18  | 14  | 5   | 1,20                 |
| 8279405_21               | 5   | 21  | 17  | 5   | 1,25                 |
| 8279406_15               | 6   | 15  | 11  | 5   | 1,35                 |
| 8279406_20               | 6   | 20  | 16  | 5   | 1,65                 |
| 8279406_24               | 6   | 24  | 20  | 5   | 1,70                 |
| 8279406_25               | 6   | 25  | 21  | 5   | 1,80                 |
| 8279406_29               | 6   | 29  | 25  | 5   | 1,85                 |
| 8279406_34               | 6   | 34  | 30  | 5   | 1,85                 |
| 8279406_36               | 6   | 36  | 32  | 5   | 1,90                 |
| 8279406_44               | 6   | 44  | 40  | 5   | 1,95                 |
| 8279406_45               | 6   | 45  | 41  | 5   | 1,95                 |
| 8279406_54               | 6   | 54  | 50  | 5   | 2,00                 |
| 8279406_64               | 6   | 64  | 60  | 5   | 2,10                 |
| 8279408_21               | 8   | 21  | 17  | 2   | 2,10                 |
| 8279408_24               | 8   | 24  | 20  | 2   | 2,40                 |
| 8279408_27               | 8   | 27  | 23  | 2   | 2,45                 |
| 8279408_32               | 8   | 32  | 28  | 2   | 2,50                 |
| 8279408_34               | 8   | 34  | 30  | 2   | 2,55                 |
| 8279408_44               | 8   | 44  | 40  | 2   | 2,60                 |
| 8279408_54               | 8   | 54  | 50  | 2   | 2,65                 |
| 8279408_64               | 8   | 64  | 60  | 2   | 2,70                 |
| 8279408_74               | 8   | 74  | 70  | 2   | 2,80                 |
| 8279408_84               | 8   | 84  | 80  | 2   | 2,85                 |
| 82794095_26              | 9,5 | 26  | 22  | 1   | 2,90                 |
| 82794095_30              | 9,5 | 30  | 26  | 1   | 2,95                 |
| 8279410_34               | 10  | 34  | 30  | 1   | 3,10                 |
| 8279410_44               | 10  | 44  | 40  | 1   | 3,15                 |
| 8279410_54               | 10  | 54  | 50  | 1   | 3,20                 |
| 8279410_64               | 10  | 64  | 60  | 1   | 3,50                 |
| 8279410_74               | 10  | 74  | 70  | 1   | 3,60                 |
| 8279410_84               | 10  | 84  | 80  | 1   | 3,65                 |
| 8279410_94               | 10  | 94  | 90  | 1   | 3,70                 |
| 8279410_104              | 10  | 104 | 100 | 1   | 3,90                 |
| 8279411_29               | 11  | 29  | 25  | 1   | 5,15                 |
| 8279412_30               | 12  | 30  | 26  | 1   | 5,25                 |
| 8279412_45               | 12  | 45  | 40  | 1   | 5,30                 |
| 8279412_55               | 12  | 55  | 50  | 1   | 5,65                 |
| 8279412_65               | 12  | 65  | 60  | 1   | 5,75                 |
| 8279412_75               | 12  | 75  | 70  | 1   | 5,90                 |
| 8279412_85               | 12  | 85  | 80  | 1   | 5,95                 |
| 8279412_95               | 12  | 95  | 90  | 1   | 6,10                 |
| 8279412_105              | 12  | 105 | 100 | 1   | 6,25                 |
| 8279412_115              | 12  | 115 | 110 | 1   | 6,30                 |
| 8279412_125              | 12  | 125 | 120 | 1   | 6,40                 |
| 8279414_41               | 14  | 41  | 36  | 1   | 9,50                 |



# 2

# Spannschlösser, Terminals und Drahtseile

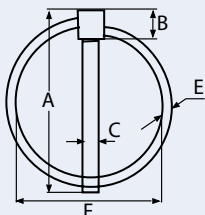
Turnbuckles, terminals and wire ropes

Tendeurs, ridoirs, embouts à sertir et câbles

**814076**

## Klappsplint mit Ring / A4-AISI 316

Ring catch / Goupille Clips

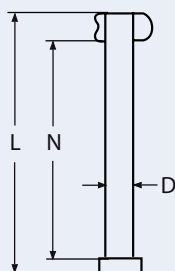


| Bestell-Nr.<br>Order no. | A    | B    | C    | E   | F    | Box | *€/Stück<br>*€/piece |
|--------------------------|------|------|------|-----|------|-----|----------------------|
| 8140764440               | 49,6 | 7,5  | 4,4  | 2,4 | 39,0 | 10  | 2,90                 |
| 8140764600               | 56,2 | 8,0  | 6,0  | 3,2 | 44,8 | 10  | 3,60                 |
| 8140764790               | 56,5 | 8,4  | 7,4  | 3,1 | 44,9 | 5   | 4,40                 |
| 8140764106               | 56,5 | 10,7 | 10,6 | 3,2 | 43,4 | 5   | 5,80                 |

**8356**

## Klappbolzen / A2-AISI 304

Safety clevis pin / Axe pour ridoir avec languette

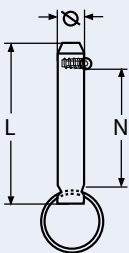


| Bestell-Nr.<br>Order no. | D  | L  | N  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8356206_20               | 6  | 20 | 12 | 5   | 6,00                 |
| 8356206_26               | 6  | 26 | 18 | 5   | 6,50                 |
| 8356206_31               | 6  | 31 | 23 | 5   | 7,00                 |
| 8356206_56               | 6  | 56 | 48 | 5   | 8,00                 |
| 8356206_65               | 6  | 65 | 57 | 5   | 9,00                 |
| 8356208_28               | 8  | 28 | 20 | 2   | 7,00                 |
| 8356208_34               | 8  | 34 | 25 | 2   | 7,50                 |
| 8356208_38               | 8  | 38 | 30 | 2   | 8,00                 |
| 8356208_43               | 8  | 43 | 35 | 2   | 8,50                 |
| 8356210_35               | 10 | 35 | 25 | 1   | 9,00                 |
| 8356210_45               | 10 | 45 | 35 | 1   | 9,50                 |
| 8356210_55               | 10 | 55 | 45 | 1   | 10,00                |

**8474**

## Steckbolzen mit Kugelsicherung / A2-AISI 304

Fast pin / Goupille à bille

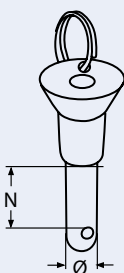


| Bestell-Nr.<br>Order no. | Ø | L  | N  | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|-----|----------------------|
| 847425_28                | 5 | 28 | 13 | 10  | 3,00                 |
| 847426_35                | 6 | 35 | 22 | 10  | 3,50                 |
| 847428_33                | 8 | 33 | 22 | 5   | 4,50                 |
| 847428_53                | 8 | 53 | 38 | 5   | 5,00                 |

**814729**

## Steckbolzen mit manueller Kugelsicherung / A2-AISI 304

Fast pin with manual ball lock / Goupille à bille manuelle



| Bestell-Nr.<br>Order no. | Ø  | N  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 814729206_25             | 6  | 25 | 1   | 32,20                |
| 814729206_40             | 6  | 40 | 1   | 35,30                |
| 814729208_25             | 8  | 25 | 1   | 35,50                |
| 814729208_40             | 8  | 40 | 1   | 35,70                |
| 814729210_25             | 10 | 25 | 1   | 36,50                |
| 814729210_40             | 10 | 40 | 1   | 40,90                |



# Spannschlösser, Terminals und Drahtseile

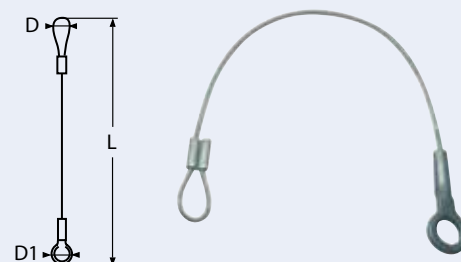
Turnbuckles, terminals and wire ropes  
Tendeurs, ridoirs, embouts à sertir et câbles

# 2

## Sicherungsseil / A2-AISI 304 Security wire / Câble de sécurité

### 8719

| Bestell-Nr.<br>Order no. | L   | D | D1  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|---|-----|-----|----------------------|
| 87192200                 | 145 | 8 | 5,4 | 10  | 3,00                 |



# 2

## Steckbolzen mit Sicherungsseil / A2-AISI 304 Plug-in bolt with security wire / Câble de sécurité avec goupille

### 8590

| Bestell-Nr.<br>Order no. | D   | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|-----|----------------------|
| 859026_25                | 6,3 | 250 | 13 | 10  | 6,60                 |

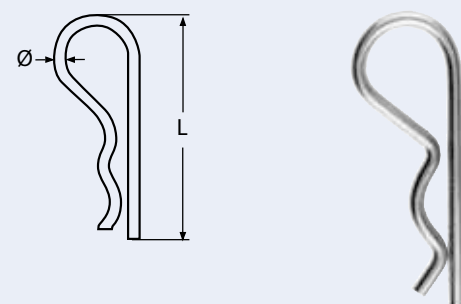
Länge kann um +/- 20 % variieren  
Length can vary +/- 20%



## Federstecker / A4-AISI 316 Spring cotter pin / Goupille beta

### 8273

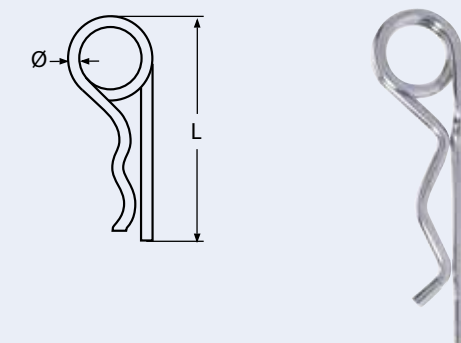
| Bestell-Nr.<br>Order no. | Ø   | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 827342                   | 2,0 | 49  | 50  | 0,40                 |
| 8273425                  | 2,5 | 55  | 50  | 0,60                 |
| 827343                   | 3,0 | 70  | 50  | 0,80                 |
| 827344                   | 4,0 | 79  | 20  | 1,60                 |
| 827345                   | 5,0 | 101 | 20  | 2,80                 |
| 827346                   | 6,0 | 126 | 10  | 4,20                 |



## Federstecker nach DIN 11024 / A4-AISI 316 Spring cotter pin / Goupille beta double à œil

### 8431

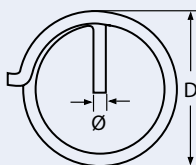
| Bestell-Nr.<br>Order no. | Ø    | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|------|-----|-----|----------------------|
| 8431425                  | 2,25 | 54  | 10  | 3,00                 |
| 8431432                  | 2,8  | 61  | 10  | 4,00                 |
| 8431440                  | 3,6  | 78  | 10  | 5,00                 |
| 8431450                  | 4,5  | 97  | 5   | 6,00                 |
| 8431463                  | 5,6  | 115 | 5   | 11,00                |
| 8431470                  | 6,3  | 146 | 1   | 17,00                |
| 8431480                  | 7,0  | 172 | 1   | 23,00                |



8383

## Ringsplint / A4-AISI 316

Ring pin / Anneau brisé

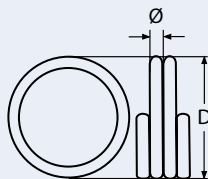


| Bestell-Nr.<br>Order no. | Ø   | D  | Für Steckbolzen<br>For fast bolt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----------------------------------|-----|----------------------|
| 8383410_10               | 1,0 | 10 | 4                                | 50  | 0,15                 |
| 8383412_15               | 1,2 | 15 | 5 - 6                            | 50  | 0,20                 |
| 8383415_20               | 1,5 | 20 | 8 - 10                           | 20  | 0,25                 |
| 8383418_25               | 1,8 | 25 | 11 - 14                          | 20  | 0,30                 |

8358

## Sicherungsring mit 2,5 Drehungen / A2-AISI 304

Circle cotter / Anneau double brisé



| Bestell-Nr.<br>Order no. | Ø   | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8358210                  | 1,5 | 10 | 50  | 0,25                 |
| 8358216                  | 1,5 | 16 | 50  | 0,30                 |
| 8358218                  | 1,5 | 18 | 50  | 0,40                 |
| 8358222                  | 1,5 | 22 | 50  | 0,45                 |
| 8358226                  | 1,5 | 26 | 50  | 0,50                 |
| 8358230                  | 1,5 | 30 | 50  | 0,55                 |

8504

## Drahtseilschere

Wire rope cutter / Cisaille pour câble



| Bestell-Nr.<br>Order no. | Max. Draht-Ø<br>Max. wire Ø                   | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------------------------|-----|-----|----------------------|
| 85041005                 | 5                                             | 195 | 1   | 20,00                |
| 85041012                 | 12                                            | 470 | 1   | 294,00               |
| 85041016                 | 16                                            | 800 | 1   | 607,00               |
| 850410ERSATZ12           | Ersatzmesser für 12, Replacement blade for 12 |     |     | 185,00               |
| 850410ERSATZ16           | Ersatzmesser für 16, Replacement blade for 16 |     |     | 258,70               |

# Spannschlösser, Terminals und Drahtseile

Turnbuckles, terminals and wire ropes  
Tendeurs, ridoirs, embouts à sertir et câbles

# 2

## Hydraulische Presszange, 12 Tonnen

Hydraulic crimping pliers 12 tons / \*

## 814678

| Bestell-Nr.<br>Order no. | Max. Presskraft<br>Max. pressing force | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------------------|-----|----------------------|
| 8146781012               | 12 Tonnen / 12 tons                    | 1   | 225,00               |

Mit einer Kraft von 12 Tonnen und einer Werkzeugbreite von 12mm, ist die hydraulische Presszange optimal geeignet das Marinetech ESS-Programm schnell und kostengünstig direkt vor Ort zu verpressen. Lieferung im Kunststoffkoffer ohne Presseinsätze.

With a force of 12 tons and a width of 12mm, the hydraulic pliers are ideally suited for quickly and inexpensively crimping the Marinetech ESS range directly on site. Supplied in a plastic case without crimping dies.



\* Pince Hydraulique (12 tonnes) à sertir pour terminaison et embout „ESS“

## Presseinsätze für Terminals

Crimping dies for terminals pliers / Machoir pour pince hydraulique

## 814679

| Bestell-Nr.<br>Order no. | Für ESS Terminals<br>For ESS terminal | Terminal Außen-Ø<br>Terminal outside-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------------------|----------------------------------------|-----|----------------------|
| 81467912-025             | 2,5MM                                 | 5,5                                    | 1   | 160,00               |
| 81467912-03              | 3MM                                   | 6,4                                    | 1   | 160,00               |
| 81467912-04              | 4MM                                   | 7,5                                    | 1   | 160,00               |
| 81467912-05              | 5MM                                   | 9,0                                    | 1   | 160,00               |
| 81467912-06              | 6MM                                   | 12,5                                   | 1   | 160,00               |

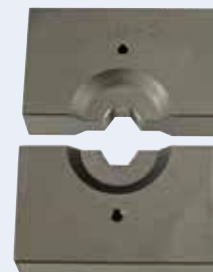
Für Artikel 814678 / For article 814678

Gefertigt aus hochwertigem Werkzeugstahl mit optimaler Härte und Zähigkeit.

Qualität made in Germany gewährleistet maximale Lebensdauer.

Made from high quality tool steel with optimum hardness and toughness.

Quality made in Germany ensures maximum durability



## NEW

## Presseinsätze für Pressklemmen

Crimping dies for ferrules / Machoir pour manchon

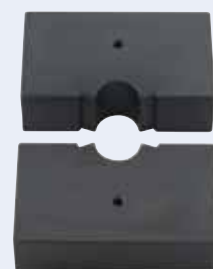
## 814810

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø    | Pressbreite<br>Pressing width | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-------------------------------|-----|----------------------|
| 81481012-01              | 1,0 / 1,5 / 2,0 | 12                            | 1   | 520,00               |
| 81481012-03              | 3               | 12                            | 1   | 180,00               |
| 81481012-04              | 4               | 12                            | 1   | 180,00               |

Für Artikel 814678 / For article 814678

Drahtseildurchmesser gültig für Drahtseile mit Stahleinlage.

Wire rope diameter only for wire ropes with steel core.



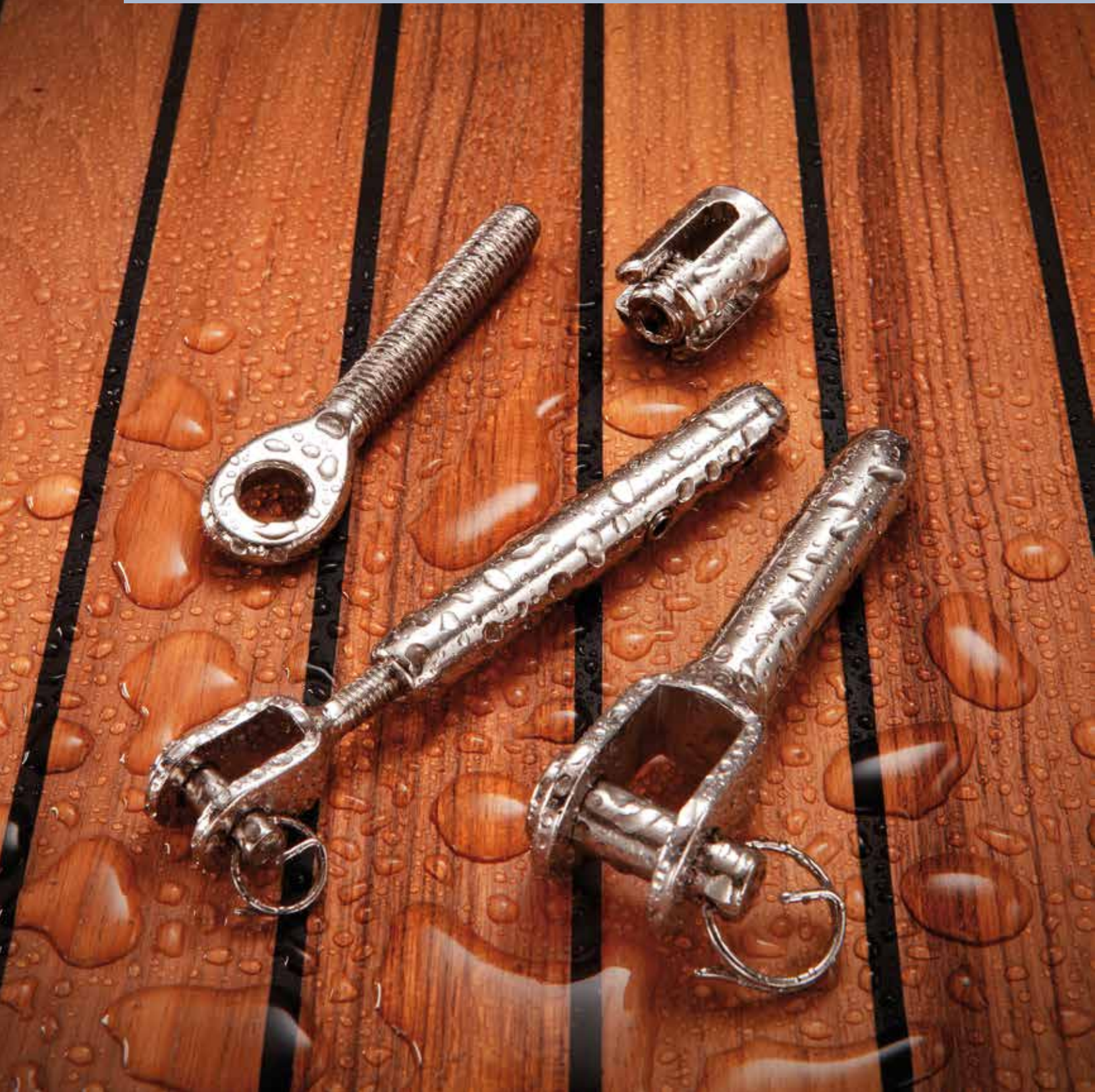


# Kapitel 3

## Chapter 3

### Architektur und Design

### Architecture and Design





Universal-Pfostenspanner mit Montageterminal / A4-AISI 316

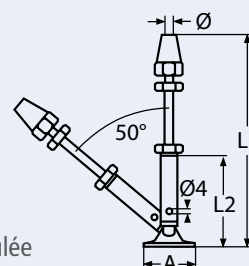
Universal rail turnbuckle with quick attach terminal / \*\*

8763

| Bestell-Nr.<br>Order no. | Für Pfosten<br>For Stanchion | DS-Ø<br>WR-Ø | L1  | L2 | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------------------|--------------|-----|----|----|-----|----------------------|
| 87634ECKIG               | eckig/square                 | 4            | 150 | 75 | 38 | 1   | 55,00                |
| 87634RUND                | rund/round Ø50               | 4            | 150 | 75 | 38 | 1   | 57,00                |

Drahtseil einfach einlegen und zudrehen.  
Just insert wire rope and turn. U.S. Pat.

\*\*Tendeur de poteau universel avec embout sertissage rapide sur platine articulée

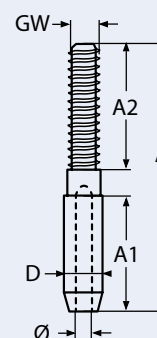


ESS Gewindeterminale, rechts / A4-AISI 316

ESS swage stud, right thread / Terminaison filetée, pas à droite

8445

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | GW  | D    | A  | A1 | A2 | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----|------|----|----|----|-----|----------------------|
| 8445405/3                | 3            | M5  | 6,3  | 50 | 18 | 27 | 10  | 2,50                 |
| 8445406/4                | 4            | M6  | 7,5  | 60 | 25 | 30 | 10  | 3,00                 |
| 8445408/5                | 5            | M8  | 9,0  | 70 | 31 | 31 | 5   | 3,50                 |
| 8445410/6                | 6            | M10 | 12,5 | 85 | 37 | 40 | 5   | 5,00                 |

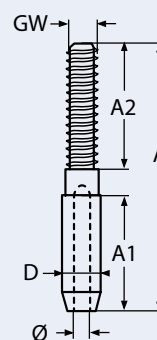


ESS Gewindeterminale, links / A4-AISI 316

ESS swage stud, left thread / Terminaison filetée, pas à gauche

8446

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | GW  | D    | A  | A1 | A2 | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----|------|----|----|----|-----|----------------------|
| 8446405/3                | 3            | M5  | 6,3  | 50 | 18 | 27 | 10  | 2,80                 |
| 8446406/4                | 4            | M6  | 7,5  | 60 | 25 | 30 | 10  | 3,30                 |
| 8446408/5                | 5            | M8  | 9,0  | 70 | 31 | 31 | 5   | 3,80                 |
| 8446410/6                | 6            | M10 | 12,5 | 85 | 37 | 40 | 5   | 5,30                 |

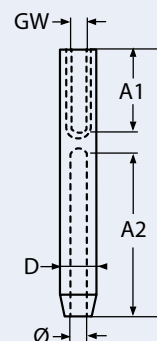


ESS Gewindeterminale mit Innengewinde, rechts / A4-AISI 316

ESS swage stud with internal thread, right thread / Terminaison avec filetage interne, pas à droite

8449

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | GW | D    | A  | A1 | A2 | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----|------|----|----|----|-----|----------------------|
| 8449405/3                | 3            | M5 | 6,3  | 55 | 20 | 28 | 10  | 4,50                 |
| 8449406/4                | 4            | M6 | 7,5  | 65 | 22 | 36 | 10  | 5,00                 |
| 8449406/5                | 5            | M6 | 9,0  | 70 | 22 | 41 | 5   | 5,50                 |
| 8449408/6                | 6            | M8 | 12,5 | 85 | 25 | 53 | 5   | 6,60                 |

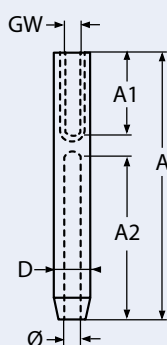




## 8450

## ESS Gewindeterminal mit Innengewinde, links / A4-AISI 316

ESS swage stud with internal thread, left thread / Terminaison avec filetage interne, pas à gauche

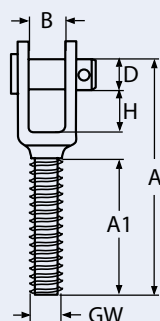


| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | GW | D    | A  | A1 | A2 | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----|------|----|----|----|-----|----------------------|
| 8450405/3                | 3            | M5 | 6,3  | 55 | 20 | 28 | 10  | 4,80                 |
| 8450406/4                | 4            | M6 | 7,5  | 65 | 22 | 36 | 10  | 5,30                 |
| 8450406/5                | 5            | M6 | 9,0  | 70 | 22 | 41 | 5   | 5,80                 |
| 8450408/6                | 6            | M8 | 12,5 | 85 | 25 | 53 | 5   | 7,30                 |

## 8452

## ESS Gabel mit Gewinde, rechts / A4-AISI 316

ESS threaded jaw, right thread / Embout à chape fixe, pas à droite

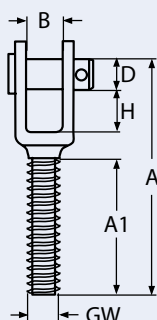


| Bestell-Nr.<br>Order no. | GW  | A  | A1 | H  | B  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|----|----|-----|----------------------|
| 8452405                  | M5  | 40 | 20 | 10 | 8  | 5  | 10  | 2,00                 |
| 8452406                  | M6  | 47 | 25 | 10 | 8  | 6  | 10  | 2,80                 |
| 8452408                  | M8  | 52 | 25 | 12 | 10 | 8  | 5   | 3,90                 |
| 8452410                  | M10 | 72 | 45 | 14 | 12 | 10 | 5   | 4,80                 |

## 8453

## ESS Gabel mit Gewinde, links / A4-AISI 316

ESS threaded jaw, left thread / Embout à chape fixe, pas à gauche

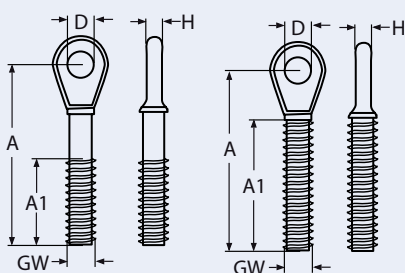


| Bestell-Nr.<br>Order no. | GW  | A  | A1 | H  | B  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|----|----|-----|----------------------|
| 8453405                  | M5  | 40 | 20 | 10 | 8  | 5  | 10  | 2,30                 |
| 8453406                  | M6  | 47 | 25 | 10 | 8  | 6  | 10  | 3,50                 |
| 8453408                  | M8  | 52 | 25 | 12 | 10 | 8  | 5   | 3,90                 |
| 8453410                  | M10 | 72 | 45 | 14 | 12 | 10 | 5   | 5,10                 |

## 8454

## ESS Auge mit Gewinde, rechts / A4-AISI 316

ESS threaded eye, right thread / Embout à œil fixe, pas à droite



| Bestell-Nr.<br>Order no. | GW  | A  | A1 | D    | H | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|---|-----|----------------------|
| 8454405                  | M5  | 45 | 23 | 5,5  | 3 | 10  | 2,80                 |
| 8454406                  | M6  | 47 | 28 | 6,5  | 4 | 10  | 3,00                 |
| 8454408                  | M8  | 55 | 40 | 8,5  | 5 | 5   | 3,50                 |
| 8454410                  | M10 | 65 | 47 | 10,5 | 6 | 5   | 4,50                 |

M5 und M6 mit Teilgewinde / M5 and M6 with part thread

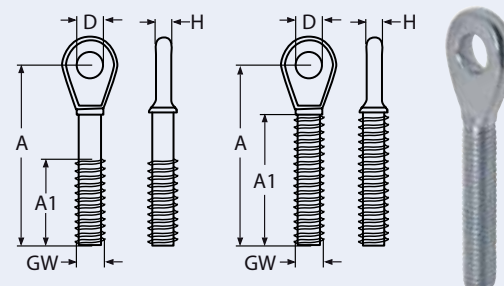
ESS Auge mit Gewinde, links / A4-AISI 316

ESS threaded eye, left thread / Embout à œil fixe, pas à gauche

8458

| Bestell-Nr.<br>Order no. | GW  | A  | A1 | D    | H | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|---|-----|----------------------|
| 8458405                  | M5  | 45 | 23 | 5,5  | 3 | 10  | 3,00                 |
| 8458406                  | M6  | 47 | 28 | 6,5  | 4 | 10  | 3,30                 |
| 8458408                  | M8  | 55 | 40 | 8,5  | 5 | 5   | 3,80                 |
| 8458410                  | M10 | 65 | 47 | 10,5 | 6 | 5   | 4,30                 |

M5 und M6 mit Teilgewinde / M5 and M6 with part thread

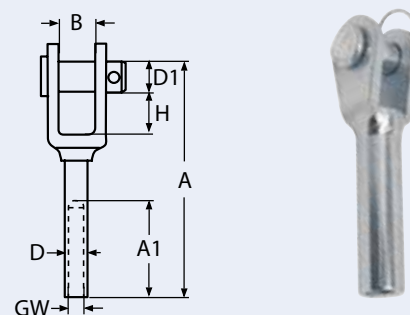


ESS Gabel mit Innengewinde, rechts / A4-AISI 316

ESS jaw with internal thread, right thread / Embout à chape fixe avec filetage interne, pas à droite

8455

| Bestell-Nr.<br>Order no. | GW  | D    | H  | B  | D1 | A  | A1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|----|----|----|----|----|-----|----------------------|
| 8455405                  | M5  | 7,5  | 10 | 8  | 5  | 55 | 27 | 10  | 7,00                 |
| 8455406                  | M6  | 8,0  | 10 | 9  | 6  | 60 | 30 | 10  | 8,00                 |
| 8455408                  | M8  | 12,0 | 12 | 10 | 8  | 65 | 31 | 5   | 9,00                 |
| 8455410                  | M10 | 14,0 | 12 | 12 | 10 | 75 | 40 | 5   | 13,00                |

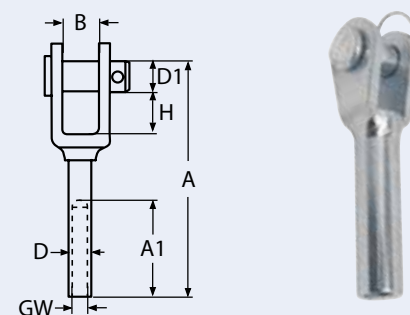


ESS Gabel mit Innengewinde, links / A4-AISI 316

ESS jaw with internal thread, left thread / Embout à chape fixe avec filetage interne, pas à gauche

8456

| Bestell-Nr.<br>Order no. | GW  | D    | H  | B  | D1 | A  | A1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|----|----|----|----|----|-----|----------------------|
| 8456405                  | M5  | 7,5  | 10 | 8  | 5  | 55 | 27 | 10  | 7,50                 |
| 8456406                  | M6  | 8,0  | 10 | 9  | 6  | 60 | 30 | 10  | 8,50                 |
| 8456408                  | M8  | 12,0 | 12 | 10 | 8  | 65 | 31 | 5   | 9,50                 |
| 8456410                  | M10 | 14,0 | 12 | 12 | 10 | 75 | 40 | 5   | 10,50                |

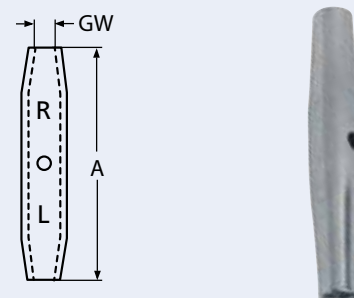


ESS Wantenspanner, Mittelstück / A4-AISI 316

ESS body of turnbuckle / Cage fermé à ridoir

8457

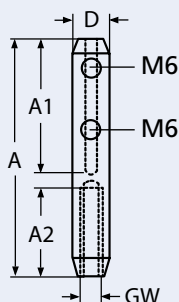
| Bestell-Nr.<br>Order no. | GW  | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8457405                  | M5  | 55 | 10  | 2,80                 |
| 8457406                  | M6  | 65 | 10  | 3,50                 |
| 8457408                  | M8  | 70 | 5   | 4,00                 |
| 8457410                  | M10 | 85 | 5   | 6,00                 |



## 8451

## ESS Schraubterminal zur Selbstmontage / A4-AISI 316

ESS screw terminal for self-assembly / Serre câble avec filetage interne, droite ou gauche

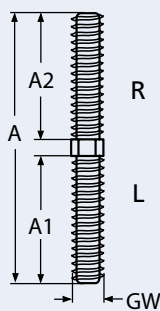


| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | GW        | D  | A  | A1 | A2 | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----------|----|----|----|----|-----|----------------------|
| 8451434RE                | 3+4          | M6 rechts | 12 | 80 | 45 | 30 | 5   | 7,90                 |
|                          |              | M6 right  |    |    |    |    |     |                      |
| 8451434LI                | 3+4          | M6 links  | 12 | 80 | 45 | 30 | 5   | 7,90                 |
|                          |              | M6 left   |    |    |    |    |     |                      |
| 8451405RE                | 5            | M6 rechts | 12 | 80 | 45 | 30 | 5   | 7,90                 |
|                          |              | M6 right  |    |    |    |    |     |                      |
| 8451405LI                | 5            | M6 links  | 12 | 80 | 45 | 30 | 5   | 7,90                 |
|                          |              | M6 left   |    |    |    |    |     |                      |

## 8466

## ESS Gewindestück, rechts und links / A4-AISI 316

ESS stud bolt, right and left thread / Terminaison filetée, pas à droite + pas à gauche

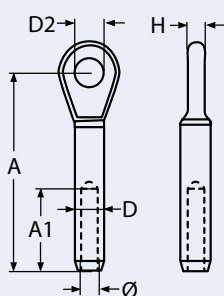


| Bestell-Nr.<br>Order no. | GW  | A   | A1 | A2 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|----|-----|----------------------|
| 8466405                  | M5  | 65  | 30 | 30 | 10  | 1,00                 |
| 8466406                  | M6  | 65  | 30 | 30 | 10  | 1,10                 |
| 8466408                  | M8  | 65  | 30 | 30 | 5   | 1,60                 |
| 8466410                  | M10 | 85  | 40 | 40 | 5   | 2,90                 |
| 8466412                  | M12 | 105 | 50 | 50 | 5   | 4,60                 |

## 8469

## ESS Augterminal / A4-AISI 316

ESS eye terminal / Embout à œil à sertir inox

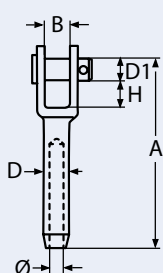


| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | D    | D2  | A  | A1 | H | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|------|-----|----|----|---|-----|----------------------|
| 846943                   | 3            | 6,3  | 6,5 | 40 | 18 | 5 | 10  | 2,50                 |
| 846944                   | 4            | 7,5  | 8,5 | 52 | 24 | 6 | 10  | 3,00                 |
| 846945                   | 5            | 9,0  | 9,5 | 62 | 30 | 7 | 5   | 3,70                 |
| 846946                   | 6            | 12,5 | 13  | 75 | 36 | 8 | 5   | 5,80                 |

## 8447

## ESS Gabelterminal / A4-AISI 316

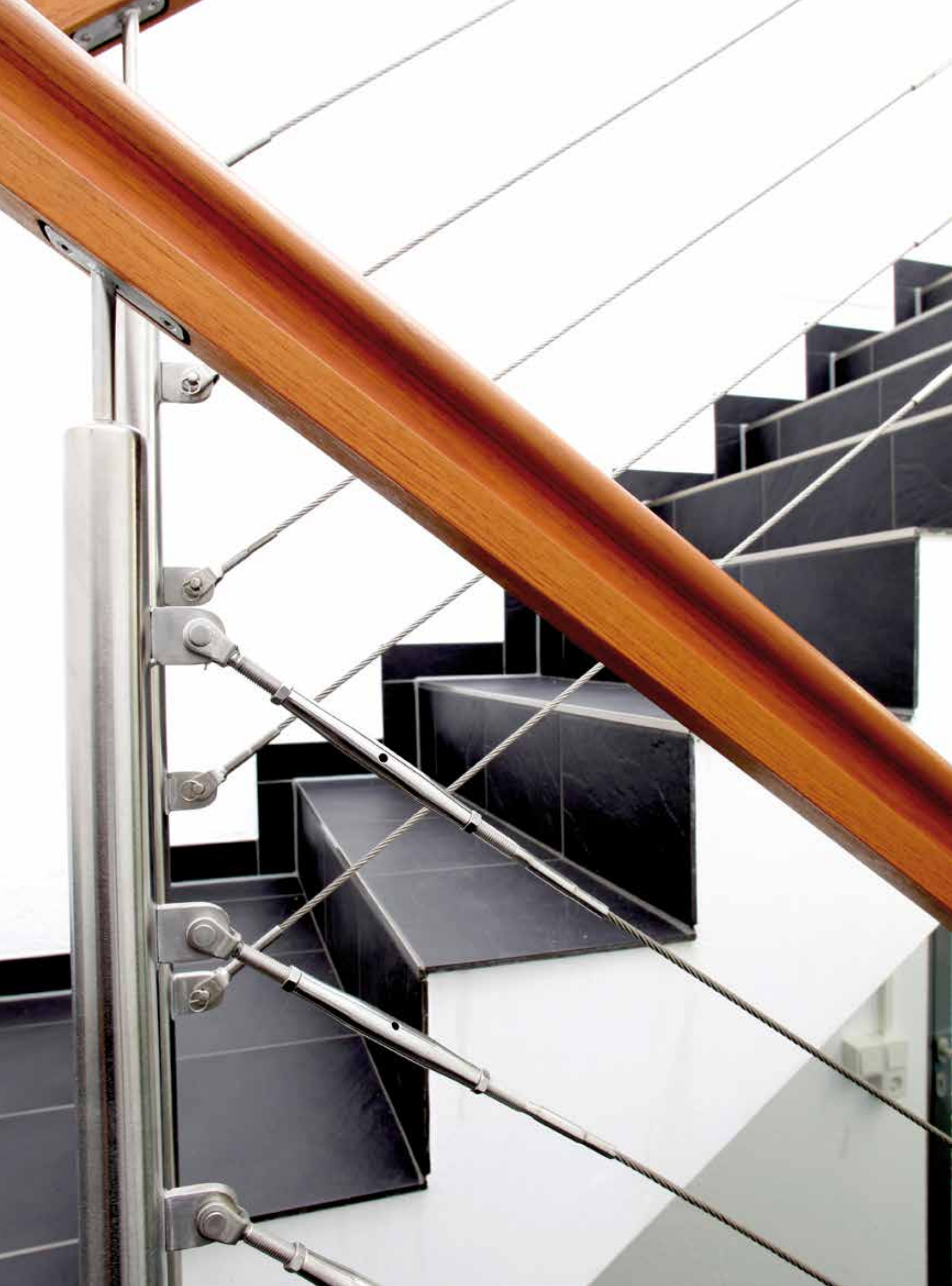
ESS fork terminal / Embout à chape fixe à sertir



| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | D    | D1 | A  | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|------|----|----|----|----|-----|----------------------|
| 844743                   | 3            | 6,3  | 5  | 55 | 8  | 10 | 10  | 3,50                 |
| 844744                   | 4            | 7,5  | 6  | 65 | 8  | 10 | 10  | 4,00                 |
| 844745                   | 5            | 8,9  | 8  | 70 | 10 | 12 | 5   | 5,00                 |
| 844746                   | 6            | 12,4 | 10 | 85 | 12 | 14 | 5   | 7,70                 |





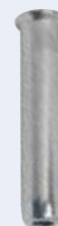
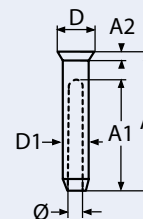


ESS Senkkopfterminal / A4-AISI 316

ESS cone terminal / Terminaison à tête plate à sertir

8459

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | D    | D1   | A  | A1 | A2 | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|------|------|----|----|----|-----|----------------------|
| 845943                   | 3            | 8,0  | 6,3  | 34 | 27 | 2  | 10  | 1,40                 |
| 845944                   | 4            | 9,5  | 7,5  | 43 | 35 | 2  | 10  | 2,10                 |
| 845945                   | 5            | 13,0 | 9,0  | 50 | 40 | 3  | 5   | 2,90                 |
| 845946                   | 6            | 16,5 | 12,5 | 64 | 50 | 3  | 5   | 4,80                 |



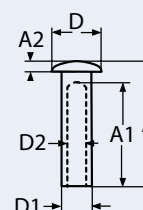
3

ESS Linsenkopfterminal / A4-AISI 316

ESS dome head terminal / Terminaison à tête cylindrique bombée à sertir

8448

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | D  | D1  | D2  | A  | A1 | A2  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----|-----|-----|----|----|-----|-----|----------------------|
| 844843                   | 3            | 9  | 5,5 | 3,3 | 25 | 18 | 2,0 | 10  | 3,50                 |
| 844844                   | 4            | 11 | 6,5 | 4,3 | 30 | 24 | 2,0 | 10  | 4,00                 |
| 844845                   | 5            | 13 | 7,5 | 5,3 | 35 | 28 | 2,5 | 5   | 4,50                 |
| 844846                   | 6            | 16 | 9,0 | 6,3 | 40 | 32 | 3,0 | 5   | 5,00                 |

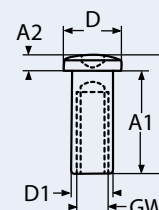


ESS Linsenkopfhülse mit Innengewinde und Inbus, rechts / A4-AISI 316

ESS dome case nut with internal thread and hexagon socket, right thread / \*\*

8464

| Bestell-Nr.<br>Order no. | GW  | D  | D1  | A  | A1 | A2 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----|----|----|-----|----------------------|
| 8464405                  | M5  | 12 | 7,5 | 25 | 18 | 4  | 10  | 3,50                 |
| 8464406                  | M6  | 12 | 8,0 | 30 | 24 | 4  | 10  | 4,00                 |
| 8464408                  | M8  | 16 | 12  | 35 | 28 | 5  | 5   | 6,20                 |
| 8464410                  | M10 | 20 | 14  | 40 | 32 | 6  | 5   | 9,10                 |



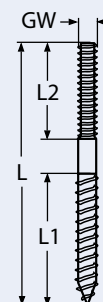
\*\*Terminaison TBHC avec filetage interne pas à droite

Stockschraube mit Rechtsgewinde / A4-AISI 316

Dowel screw with right thread / Goujon double filet pas à droite

8515

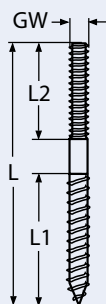
| Bestell-Nr.<br>Order no. | GW  | L   | L1 | L2 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|----|-----|----------------------|
| 8515405                  | M5  | 80  | 43 | 32 | 5   | 1,50                 |
| 8515406                  | M6  | 90  | 50 | 35 | 5   | 1,80                 |
| 8515408                  | M8  | 130 | 65 | 55 | 5   | 3,20                 |
| 8515410                  | M10 | 150 | 75 | 55 | 5   | 4,50                 |



## 8516

## Stockschraube mit Linksgewinde / A4-AISI 316

Dowel screw with left thread / Goujon double filet pas à gauche

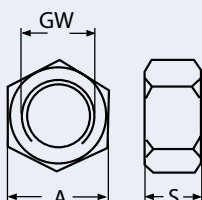


| Bestell-Nr.<br>Order no. | GW  | L   | L1 | L2 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|----|-----|----------------------|
| 8516405                  | M5  | 80  | 43 | 32 | 5   | 1,70                 |
| 8516406                  | M6  | 90  | 50 | 35 | 5   | 1,90                 |
| 8516408                  | M8  | 130 | 65 | 55 | 5   | 2,90                 |
| 8516410                  | M10 | 150 | 75 | 55 | 5   | 4,50                 |

## 8468

## Wantenspanner Kontermutter, rechts + links / A4-AISI 316

Nut for turnbuckle / Ecrous pour ridoir

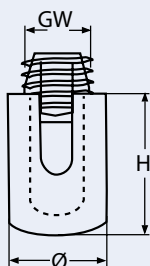


| Bestell-Nr.<br>Order no. | GW  | Rechts<br>Right | Links<br>Left | A    | S    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----------------|---------------|------|------|-----|----------------------|
| 84684R05/L05             | M5  | R5              | L5            | 7,9  | 3,8  | 10  | 0,25                 |
| 84684R06/L06             | M6  | R6              | L6            | 9,8  | 4,8  | 10  | 0,30                 |
| 84684R08/L08             | M8  | R8              | L8            | 10,0 | 5,0  | 10  | 0,60                 |
| 84684R10/L10             | M10 | R10             | L10           | 12,7 | 6,2  | 10  | 0,75                 |
| 84684R12/L12             | M12 | R12             | L12           | 17,0 | 8,0  | 10  | 1,10                 |
| 84684R14/L14             | M14 | R14             | L14           | 22,0 | 11,0 | 5   | 1,50                 |
| 84684R16/L16             | M16 | R16             | L16           | 24,0 | 13,0 | 5   | 2,80                 |
| 84684R20/L20             | M20 | R20             | L20           | 26,5 | 14,5 | 5   | 4,10                 |

## 8424

## ESS Kreuzklemme geschlossen / A4-AISI 316

ESS cross wire rope clip / Serre câble en croisillons inox



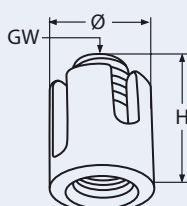
| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | GW  | H  | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----|----|----|-----|----------------------|
| 842443                   | 3            | M12 | 19 | 20 | 10  | 5,80                 |
| 842444                   | 4            | M12 | 21 | 20 | 10  | 5,90                 |
| 842445                   | 5            | M12 | 23 | 20 | 5   | 6,00                 |
| 842446                   | 6            | M12 | 25 | 20 | 5   | 6,50                 |

## 814817

## ESS Kreuzklemme offen / A4-AISI 316

ESS wire rope clip with open base / Serre câble en croisillon inox

NEW



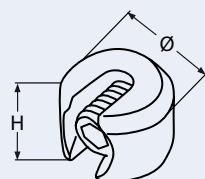
| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | GW  | Ø  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----|----|----|-----|----------------------|
| 81481743                 | 3            | M10 | 17 | 19 | 10  | 6,20                 |
| 81481744                 | 4            | M12 | 20 | 21 | 10  | 8,20                 |
| 81481745                 | 5            | M12 | 20 | 23 | 5   | 8,50                 |

Klemmstopper / A4-AISI 316

Wire rope stopper / Bague d'arrêt pour câble

814722

| Bestell-Nr.<br>Order no. | DS-Ø<br>WR-Ø | GW  | Ø  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|-----|----|----|-----|----------------------|
| 814722402                | 2            | M4  | 10 | 8  | 10  | 2,50                 |
| 814722403                | 3            | M6  | 15 | 12 | 10  | 2,90                 |
| 814722404                | 4            | M8  | 15 | 12 | 10  | 3,40                 |
| 814722405                | 5            | M10 | 20 | 15 | 10  | 3,60                 |
| 814722406                | 6            | M10 | 20 | 15 | 10  | 3,60                 |

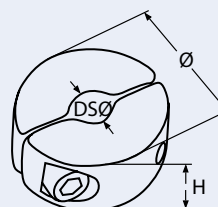


Drahtseil-Klemmring / A4-AISI 316

Wire rope clamp ring / Serre câble 2 parties (2 vis)

814700

| Bestell-Nr.<br>Order no. | DS-Ø | GW | H  | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|------|----|----|----|-----|----------------------|
| 814700402                | 2    | M3 | 10 | 15 | 10  | 3,00                 |
| 814700403                | 3    | M3 | 10 | 15 | 10  | 3,70                 |
| 814700404                | 4    | M3 | 10 | 15 | 10  | 3,80                 |
| 814700405                | 5    | M3 | 10 | 20 | 10  | 4,10                 |
| 814700406                | 6    | M3 | 10 | 20 | 10  | 4,20                 |
| 814700408                | 8    | M4 | 12 | 20 | 10  | 4,60                 |

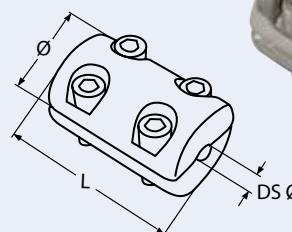


Drahtseil-Klemmring, schwere Ausführung / A4-AISI 316

Wire rope clamp ring, heavy duty / Serre câble 2 parties (4 vis)

814701

| Bestell-Nr.<br>Order no. | DS-Ø | GW | L  | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|------|----|----|----|-----|----------------------|
| 814701403                | 3    | M4 | 27 | 22 | 5   | 6,60                 |
| 814701404                | 4    | M4 | 27 | 22 | 5   | 6,60                 |
| 814701405                | 5    | M5 | 42 | 28 | 2   | 13,00                |
| 814701406                | 6    | M5 | 42 | 28 | 2   | 15,00                |
| 814701408                | 8    | M5 | 42 | 28 | 2   | 15,90                |

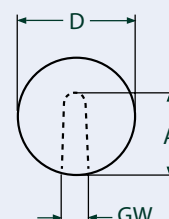


ESS Massivkugel mit Innengewinde, blank / A2-AISI 304

ESS massive ball with internal thread, blank / Boule massive mate avec filetage intérieur

8462

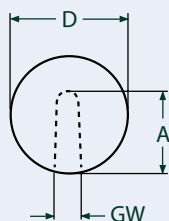
| Bestell-Nr.<br>Order no. | D  | GW | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8462215                  | 15 | M6 | 6  | 10  | 5,50                 |
| 8462220                  | 20 | M6 | 17 | 10  | 6,30                 |
| 8462225                  | 25 | M6 | 17 | 10  | 9,90                 |
| 8462230                  | 30 | M6 | 18 | 10  | 15,25                |
| 8462240                  | 40 | M8 | 24 | 5   | 26,30                |
| 8462250                  | 50 | M8 | 24 | 5   | 45,25                |



8463

### ESS Massivkugel mit Innengewinde, poliert / A2-AISI 304

ESS massive ball with internal thread, polished / Boule massive polie avec filetage intérieur



| Bestell-Nr.<br>Order no. | D  | GW | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8463215                  | 15 | M6 | 6  | 10  | 8,50                 |
| 8463220                  | 20 | M6 | 17 | 10  | 10,50                |
| 8463225                  | 25 | M6 | 17 | 10  | 14,00                |
| 8463230                  | 30 | M6 | 18 | 10  | 17,00                |
| 8463240                  | 40 | M8 | 24 | 5   | 32,80                |
| 8463250                  | 50 | M8 | 24 | 5   | 55,00                |

8499

## ESS Kombi-Wandkonsole / A4-AISI 316

ESS combination wall bracket / Support mural pour câble



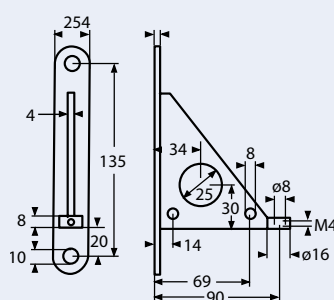
Typ A



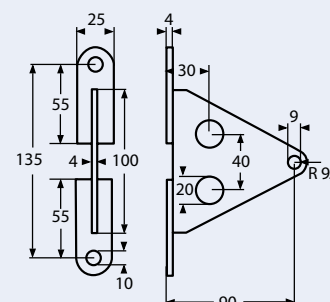
Typ B

| Bestell-Nr.<br>Order no. | Typ<br>Type | Abmessungen<br>Dimensions                           | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------|-----------------------------------------------------|-----|----------------------|
| 84994A135_90             | A           | siehe technische Zeichnung<br>see technical drawing | 1   | 24,50                |
| 84994B135_90             | B           | siehe technische Zeichnung<br>see technical drawing | 1   | 24,50                |

Typ A



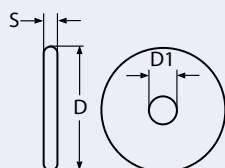
Typ B



8502

## ESS Wandkonsolen - Grundplatte / A2-AISI 304

ESS ground plate for wall bracket / Rondelle plate extra



| Bestell-Nr.<br>Order no. | D  | D1 | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|-----|----------------------|
| 8502258                  | 58 | 14 | 6 | 10  | 4,50                 |



# Kapitel 4

## Chapter 4

### Relingsbeschläge, Rohr und Zubehör

### Rail fittings, tubing and accessories





8762

**Edelstahlrohr, geschweißt, ungeglüht-gebürstet / A4-AISI 316**

Tube, welded, unannealed-brushed / Tube soudé



| Bestell-Nr.<br>Order no. | Außen-Ø<br>Outside-Ø | Materialstärke<br>Material thickness | *€/Meter<br>*€/Metre |
|--------------------------|----------------------|--------------------------------------|----------------------|
| 876241_12                | 1 1/2 = 38 mm        | 2,0                                  | 34,80                |

Für Fäkalientank  
For wastetank

Stangenlänge 6m, Mindestbestellmenge 10 Längen, anderenfalls Frachtkosten  
Length of tube 6m, minimum order quantity 10 tubes, freight charges for smaller quantities

8292

**Edelstahlrohr, geschweißt und poliert, biegefähig / A2-AISI 304 + A4-AISI 316**

Tube - stainless steel welded and polished. bendable / Tube soudé et poli



| Bestell-Nr. A2<br>Order no. A2 | Bestell-Nr. A4<br>Order no. A4 | Außen-Ø<br>Outside Ø | Materialstärke<br>Material thickness | *€ A2/m<br>*€ A2/m | *€ A4/m<br>*€ A4/m |
|--------------------------------|--------------------------------|----------------------|--------------------------------------|--------------------|--------------------|
| 8292219                        | 8292419                        | 19                   | 1,5                                  | 13,00              | --                 |
| 8292220                        | 8292420                        | 20                   | 1,5                                  | 13,50              | 20,30              |
| 8292222                        | 8292422                        | 22                   | 1,5                                  | 15,00              | 22,50              |
| 8292225                        | 8292425                        | 25                   | 1,5                                  | 16,00              | 24,80              |
| 8292230                        | 8292430                        | 30                   | 1,5                                  | 21,00              | 31,50              |

Stangenlänge 6m, Mindestbestellmenge 10 Längen, anderenfalls Frachtkosten

Rohr auf Anfrage auch in 7m Länge erhältlich.

Length of tube 6m, minimum order quantity 10 tubes, freight charges for smaller quantities.

Tube also available on request at 7 m length.

8354

**Rohrschelle / A2-AISI 304**

Clip / Collier de serrage



| Bestell-Nr.<br>Order no. | Ausführung<br>Design      | Für Rohr-Ø<br>For tube-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|--------------------------|-----|----------------------|
| 83542HALB                | Halbschale<br>Half circle | 25                       | 10  | 2,00                 |
| 83542VOLL                | Vollschale<br>Full circle | 25                       | 10  | 2,00                 |

8357

**Doppelschelle / A2-AISI 304**

Clamp / Collier de serrage



| Bestell-Nr.<br>Order no. | Ausführung<br>Construction              | für Rohr-Ø<br>for tube-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------------------|--------------------------|-----|----------------------|
| 83572SINGLE              | Single /Single                          | 25                       | 5   | 5,00                 |
| 83572FEST                | Doppel, feststehend<br>Double fixed     | 25                       | 5   | 10,00                |
| 83572WIRBEL              | Doppel mit Wirbel<br>Double with swivel | 25                       | 5   | 11,00                |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

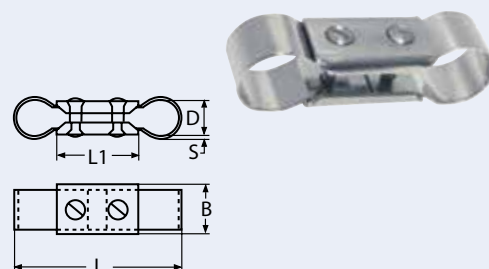
# 4

## Haltegriffverbinder / A2-AISI 304

Grab handle connection / Fixation pour tube

## 8532

| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | L  | L1 | B  | D  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|----|----|----|---|-----|----------------------|
| 8532222                  | 22               | 90 | 44 | 27 | 24 | 1 | 1   | 10,00                |
| 8532225                  | 25               | 96 | 44 | 27 | 27 | 1 | 1   | 12,00                |

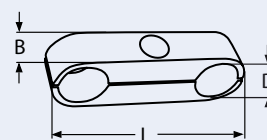


## Haltegriffverbinder / A4-AISI 316

Grab handle connection / Fixation pour tube

## 814642

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----|-----|----------------------|
| 814642422                | 22                       | 106 | 20 | 1   | 19,00                |
| 814642425                | 25                       | 106 | 20 | 1   | 24,00                |

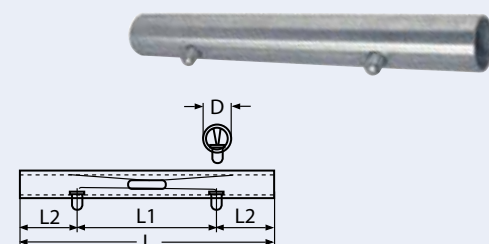


## Rohrschnellverschluss / A2-AISI 304

Tube quick-release / Tube avec goupille

## 8531

| Bestell-Nr.<br>Order no. | Für Rohr-Ø<br>For tube-Ø | D    | L   | L1 | L2 | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|------|-----|----|----|-----|----------------------|
| 8531222                  | 22 x 1,5                 | 18,7 | 150 | 80 | 35 | 1   | 12,50                |
| 8531225                  | 25 x 1,5                 | 21,7 | 150 | 80 | 35 | 1   | 14,00                |



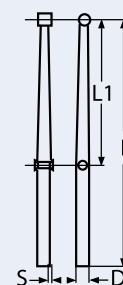
## Relingstütze / A4-AISI 316

Stanchion / Chandelier

## 8546

| Bestell-Nr.<br>Order no. | L   | L1             | D  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------|----|---|-----|----------------------|
| 85464410                 | 410 | <sup>1</sup> X | 25 | 2 | 1   | 35,00                |
| 85464610                 | 610 | 300            | 25 | 2 | 1   | 48,00                |
| 85464740                 | 740 | 300            | 25 | 2 | 1   | 51,00                |

<sup>1</sup>X = ohne Loch / without hole



# Relingsbeschläge, Rohr und Zubehör

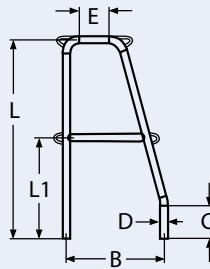
Rail fittings, tubing and accessories

Embases, platines, tubes et accessoires

## 814316

### Pfortenstütze / A4-AISI 316

Rail gate stanchion / Support de porte

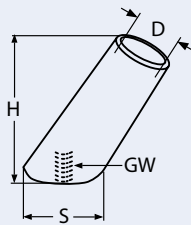


| Bestell-Nr.<br>Order no. | L   | L1  | B   | C   | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|----|----|-----|----------------------|
| 8143164610               | 610 | 310 | 300 | 100 | 25 | 92 | 1   | 105,00               |
| 8143164740               | 740 | 440 | 300 | 100 | 25 | 92 | 1   | 109,00               |

## 814304

### Relingfuß, 60° / A4-AISI 316

Stanchion base, 60° / Embase pour tube, 60°

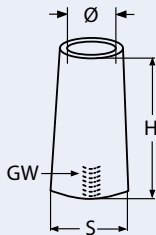


| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Sockel-Maß (S)<br>Socket size (S) | GW | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----------------------------------|----|----|-----|----------------------|
| 814304425                | 25                       | 52 x 44                           | M8 | 67 | 1   | 39,00                |
| 814304430                | 30                       | 53 x 47                           | M8 | 86 | 1   | 60,00                |

## 814305

### Relingfuß, 90° / A4-AISI 316

Stanchion base, 90° / Embase pour tube, 90°

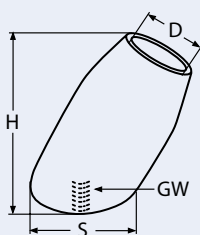


| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Sockel-Maß (S)<br>Socket size (S) | GW | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----------------------------------|----|----|-----|----------------------|
| 814305425                | 25                       | 45                                | M8 | 69 | 1   | 39,00                |
| 814305430                | 30                       | 51                                | M8 | 78 | 1   | 60,00                |

## 814306

### Relingfuß, 60° / A4-AISI 316

Stanchion base, 60° / Embase pour tube, 60°



| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Sockel-Maß (S)<br>Socket size (S) | GW | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----------------------------------|----|----|-----|----------------------|
| 814306425                | 25                       | 45 x 50                           | M8 | 65 | 1   | 30,00                |
| 814306430                | 30                       | 45 x 53                           | M8 | 67 | 1   | 42,00                |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

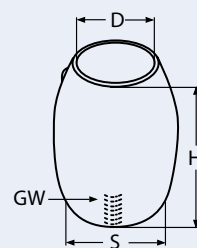
# 4

## Relingfuß, 90° / A4-AISI 316

Stanchion base, 90° / Embase pour tube, 90°

## 814307

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Sockel-Maß (S)<br>Socket size (S) | GW | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----------------------------------|----|----|-----|----------------------|
| 814307425                | 25                       | 40                                | M8 | 57 | 1   | 30,00                |
| 814307430                | 30                       | 45                                | M8 | 62 | 1   | 42,00                |

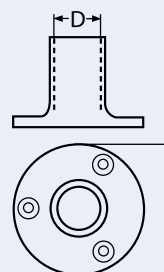


## Relingfuß, 90° / A4-AISI 316

Round base, 90° / Platine de balcon ronde, 90°

## 8201

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Sockel-Ø (S)<br>Socket-Ø (S) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|------------------------------|-----|----------------------|
| 8201422                  | 22                       | 63,5                         | 1   | 14,00                |
| 8201425                  | 25                       | 71,0                         | 1   | 15,00                |

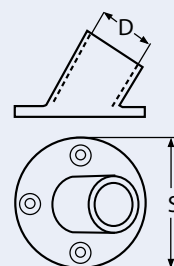


## Relingfuß, 60° / A4-AISI 316

Round base, 60° / Platine de balcon ronde, 60°

## 8202

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Sockel-Ø (S)<br>Socket-Ø (S) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|------------------------------|-----|----------------------|
| 8202422                  | 22                       | 63,5                         | 1   | 13,00                |
| 8202425                  | 25                       | 71,0                         | 1   | 13,50                |

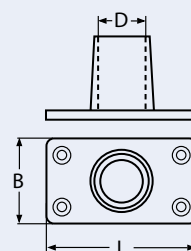


## Relingfuß, 90° / A4-AISI 316

Rectangular base, 90° / Platine de balcon rectangulaire, 90°

## 8203

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | L  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|----|----|-----|----------------------|
| 8203422                  | 22                       | 78 | 43 | 1   | 14,00                |
| 8203425                  | 25                       | 81 | 48 | 1   | 15,00                |







# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

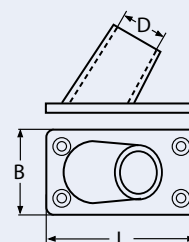
# 4

## Relingfuß, 60° / A4-AISI 316

Rectangular base, 60° / Platine de balcon rectangulaire, 60°

## 8204

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | L  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|----|----|-----|----------------------|
| 8204422                  | 22                       | 78 | 43 | 1   | 12,50                |
| 8204425                  | 25                       | 81 | 48 | 1   | 15,00                |

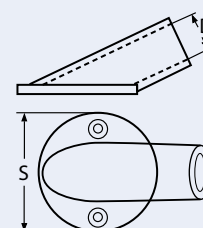


## Relingfuß, 30° / A4-AISI 316

Round base, 30° / Platine de balcon ronde, 30°

## 8325

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Sockel-Ø (S)<br>Socket-Ø (S) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|------------------------------|-----|----------------------|
| 8325422                  | 22                       | 63,5                         | 1   | 12,50                |
| 8325425                  | 25                       | 71,0                         | 1   | 15,00                |

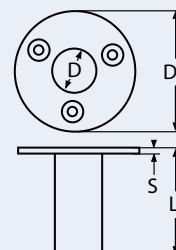


## Persenning-Rohrhalter / A4-AISI316

Tarp tube holder / Support du tube

## 814607

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | D1   | L  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|------|----|---|-----|----------------------|
| 814607420                | 20                       | 63,5 | 68 | 4 | 1   | 17,50                |
| 814607422                | 22                       | 63,5 | 68 | 4 | 1   | 18,00                |

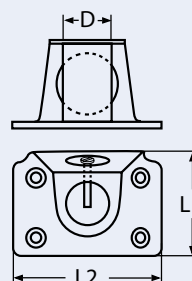


## Relingfuß, 90° / A2-AISI 304

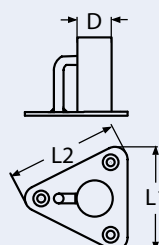
Stanchion base, 90° / Embase de chandelier, 90°

## 8360

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | L1 | L2    | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|----|-------|-----|----------------------|
| 83602RECHTECK            | Rechteck<br>Rectangle    | 25 | 64 90 | 1   | 20,00                |
| 83602DREIECK             | Dreieck<br>Triangle      | 25 | 75 87 | 1   | 19,00                |



Rechteck / Rectangle



Dreieck / Triangle



# Relingsbeschläge, Rohr und Zubehör

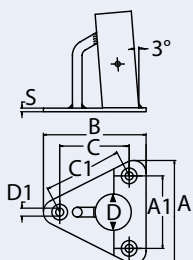
Rail fittings, tubing and accessories

Embases, platines, tubes et accessoires

8632

## Relingfuß, 3° / A4-AISI 316

Stanchion base, 3° / Support avec pontet pour tube, 3°

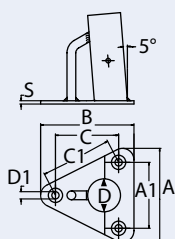


| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | D1  | A  | A1 | B  | C  | C1 | S | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----|----|----|----|----|---|-----|----------------------|
| 8632425                  | 25                       | 6,5 | 86 | 60 | 86 | 60 | 67 | 3 | 1   | 38,00                |

8633

## Relingfuß, 5° / A4-AISI 316

Stanchion base, 5° / Support avec pontet pour tube, 5°

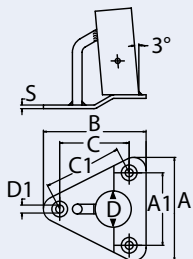


| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | D1  | A  | A1 | B  | C  | C1 | S | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----|----|----|----|----|---|-----|----------------------|
| 8633425                  | 25                       | 6,5 | 86 | 60 | 86 | 60 | 67 | 3 | 1   | 38,00                |

8634

## Relingfuß, 3° / A4-AISI 316

Stanchion base, 3° / Support avec pontet pour tube, 3°

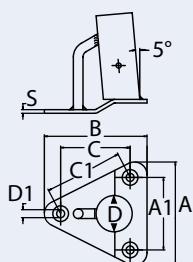


| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | D1  | A  | A1 | B  | C  | C1 | S | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----|----|----|----|----|---|-----|----------------------|
| 8634425                  | 25                       | 6,5 | 86 | 60 | 85 | 59 | 66 | 3 | 1   | 40,00                |

8635

## Relingfuß, 5° / A4-AISI 316

Stanchion base, 5° / Support avec pontet pour tube, 5°



| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | D1  | A  | A1 | B  | C  | C1 | S | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----|----|----|----|----|---|-----|----------------------|
| 8635425                  | 25                       | 6,5 | 86 | 60 | 85 | 59 | 66 | 3 | 1   | 40,00                |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

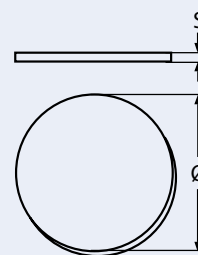
# 4

## Gegenplatte rund / A2-AISI 304

Counter plate, round / Plateau rond

## 8907

| Bestell-Nr.<br>Order no. | Ø  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|---|-----|----------------------|
| 8907275                  | 75 | 3 | 5   | 13,00                |

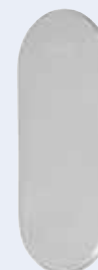
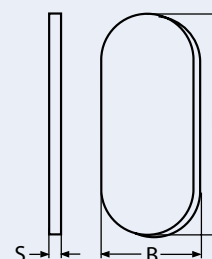


## Gegenplatte oval / A2-AISI 304

Counter plate, oval / Plateau oval

## 8908

| Bestell-Nr.<br>Order no. | L  | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|-----|----------------------|
| 8908275_30               | 75 | 30 | 3 | 5   | 9,50                 |

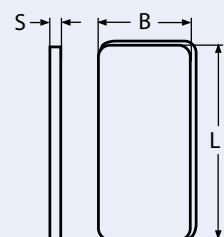


## Gegenplatte rechteckig / A2-AISI 304

Counter plate, rectangular / Plateau rectangulaire

## 8909

| Bestell-Nr.<br>Order no. | L  | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|-----|----------------------|
| 8909280_45               | 80 | 45 | 3 | 5   | 10,50                |

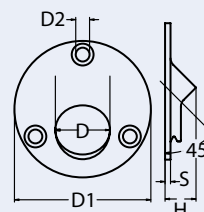


## Relinganschweißfuß, 45° / A4-AISI 316

Round base for welding, 45° / Platine ronde embouties à souder, 45°

## 8612

| Bestell-Nr.<br>Order no. | D  | D1 | D2 | H  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|---|-----|----------------------|
| 8612422                  | 22 | 69 | 6  | 15 | 3 | 1   | 15,00                |
| 8612425                  | 25 | 75 | 8  | 15 | 3 | 1   | 16,00                |

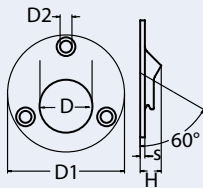




## 8613

## Relinganschweißfuß, 60° / A4-AISI 316

Round base for welding, 60° / Platine ronde embouties à souder, 60°

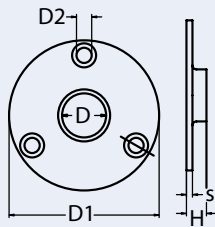


| Bestell-Nr.<br>Order no. | D  | D1 | D2 | H  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|---|-----|----------------------|
| 8613422                  | 22 | 69 | 6  | 14 | 3 | 1   | 10,60                |
| 8613425                  | 25 | 75 | 8  | 14 | 3 | 1   | 14,00                |

## 8614

## Relinganschweißfuß, 90° / A4-AISI 316

Round base for welding, 90° / Platine ronde embouties à souder, 90°

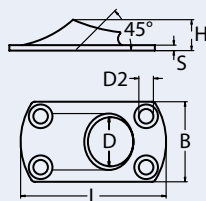


| Bestell-Nr.<br>Order no. | D  | D1 | D2 | H  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|---|-----|----------------------|
| 8614422                  | 22 | 69 | 6  | 10 | 3 | 1   | 11,50                |
| 8614425                  | 25 | 75 | 8  | 10 | 3 | 1   | 14,00                |

## 8615

## Relinganschweißfuß, 45° / A4-AISI 316

Round base for welding, 45° / Platine rectangulaire embouties à souder, 45°

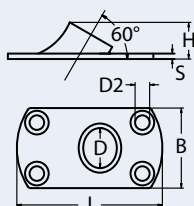


| Bestell-Nr.<br>Order no. | D  | L  | B  | D2 | H  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|----|---|-----|----------------------|
| 8615422                  | 22 | 80 | 45 | 6  | 15 | 3 | 1   | 13,40                |
| 8615425                  | 25 | 80 | 45 | 8  | 15 | 3 | 1   | 13,60                |

## 8616

## Relinganschweißfuß, 60° / A4-AISI 316

Rectangular base for welding, 60° / Platine rectangulaire embouties à souder, 60°



| Bestell-Nr.<br>Order no. | D  | L  | B  | D2 | H  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|----|---|-----|----------------------|
| 8616422                  | 22 | 80 | 45 | 6  | 15 | 3 | 1   | 9,70                 |
| 8616425                  | 25 | 80 | 45 | 8  | 15 | 3 | 1   | 12,00                |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

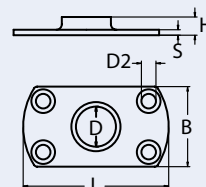
# 4

## Relinganschweißfuß, 90° / A4-AISI 316

Rectangular base for welding, 90° / Platine rectangulaire embouties à souder, 90°

## 8617

| Bestell-Nr.<br>Order no. | D  | L  | B  | D2 | H  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|----|---|-----|----------------------|
| 8617422                  | 22 | 80 | 45 | 6  | 10 | 3 | 1   | 10,50                |
| 8617425                  | 25 | 80 | 45 | 8  | 10 | 3 | 1   | 11,00                |

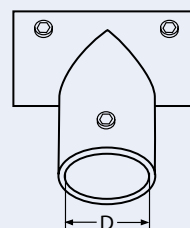


## T-Stück, 90° / A4-AISI 316

Tee, 90° / Té droit, 90°

## 8205

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----------------------|
| 8205422                  | 22                       | 1   | 13,00                |
| 8205425                  | 25                       | 1   | 15,00                |
| 8205430                  | 30                       | 1   | 24,00                |

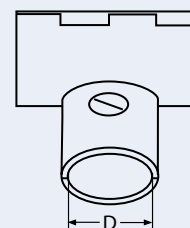


## T-Stück, 90°, klappbar / A4-AISI 316

Tee, 90° hinged / Té droit, 90° pliable

## 8822

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----------------------|
| 8822422                  | 22                       | 1   | 21,50                |
| 8822425                  | 25                       | 1   | 24,60                |

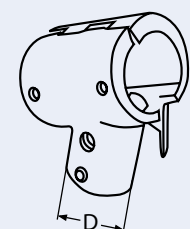


## T-Stück, 60°, klappbar / A4-AISI 316

Tee, 60° hinged / Té 60° pliable

## 814699

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----------------------|
| 814699422                | 22                       | 1   | 21,00                |
| 814699425                | 25                       | 1   | 23,00                |





# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

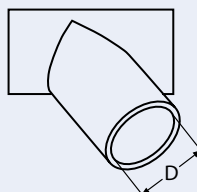
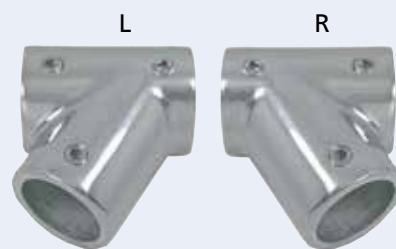
# 4

## T-Stück, 60° / A4-AISI 316

Tee, 60° / Té incliné, 60°

## 8206

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----------------------|
| 82064R22                 | 22 Rechts / Right        | 1   | 16,00                |
| 82064L22                 | 22 Links / Left          | 1   | 16,00                |
| 82064R25                 | 25 Rechts / Right        | 1   | 16,50                |
| 82064L25                 | 25 Links / Left          | 1   | 16,50                |

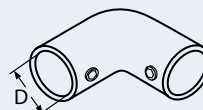


## Relingverbindung, 90° / A4-AISI 316

Elbow, 90° / Coude angle, 90°

## 8210

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----------------------|
| 8210422                  | 22                       | 1   | 10,60                |
| 8210425                  | 25                       | 1   | 13,00                |

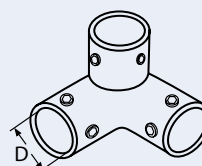


## 3-Wege-Relingverbindung / A4-AISI 316

3-way corner fitting / Angle 90° trois départs

## 8211

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----------------------|
| 8211422                  | 22                       | 1   | 15,50                |
| 8211425                  | 25                       | 1   | 20,00                |

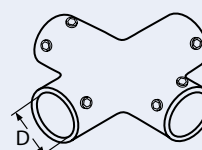


## 4-Wege-Relingverbindung / A4-AISI 316

4-way tee / Support en croix

## 8387

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----------------------|
| 8387422                  | 22                       | 1   | 22,30                |
| 8387425                  | 25                       | 1   | 23,00                |

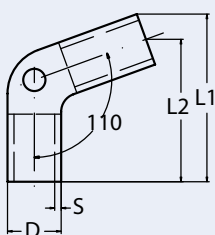




8565

## Relingverbindung, 110° / A4-AISI 316

Elbow, 110° / Coude, 110°

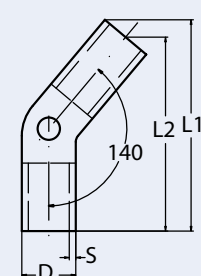


| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | L1 | L2 | S | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|----|----|---|-----|----------------------|
| 8565422                  | 22                       | 90 | 79 | 3 | 1   | 20,30                |
| 8565425                  | 25                       | 93 | 82 | 3 | 1   | 29,00                |

8562

## Relingverbindung, 140° / A4-AISI 316

Elbow, 140° / Coude, 140°

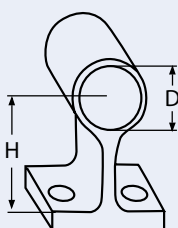


| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | L1  | L2  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|-----|---|-----|----------------------|
| 8562422                  | 22                       | 112 | 105 | 3 | 1   | 21,00                |
| 8562425                  | 25                       | 115 | 108 | 3 | 1   | 26,00                |

8208

## Handlaufendstück, 60° / A4-AISI 316

Rail end, 60° / Embout main courante, 60°

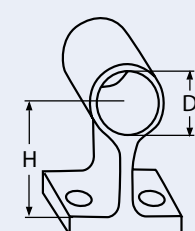


| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Höhe Mitte Rohr (H)<br>Hight at tube centre (H) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-------------------------------------------------|-----|----------------------|
| 8208422                  | 22                       | 38                                              | 1   | 10,80                |
| 8208425                  | 25                       | 38                                              | 1   | 11,50                |

8207

## Handlaufdurchlass, 60° / A4-AISI 316

Centre rail, 60° / Passage main courante, 60°



| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Höhe Mitte Rohr (H)<br>Hight at tube centre (H) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-------------------------------------------------|-----|----------------------|
| 8207422_38               | 22                       | 38                                              | 1   | 9,90                 |
| 8207422_50               | 22                       | 50                                              | 1   | 10,50                |
| 8207425_45               | 25                       | 38                                              | 1   | 11,00                |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

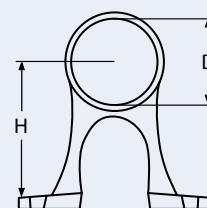
# 4

## Handlaufdurchlass, 90° / A4-AISI 316

Centre rail, 90° / Passage pour tube, 90°

### 814410

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | Höhe Mitte Rohr (H)<br>Hight at tube centre (H) | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-------------------------------------------------|-----|----------------------|
| 814410425                | 25                       | 38                                              | 1   | 16,10                |

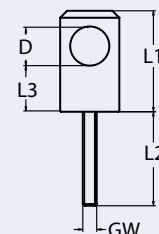


## Handlaufendstück / A4-AISI 316

Rail end / Embout main courante

### 8702

| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | L1 | L2 | L3 | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|----|----|----|----|-----|----------------------|
| 87024022                 | 22                       | 58 | 55 | 27 | M8 | 1   | 24,00                |
| 87024025                 | 25                       | 58 | 55 | 27 | M8 | 1   | 26,00                |

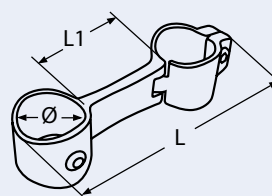


## Handlaufhalter / A4-AISI 316

Hand rail holder / Fixation pour tube

### 814684

| Bestell-Nr.<br>Order no. | Ø  | L   | L1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|-----|----------------------|
| 814684425                | 25 | 111 | 41 | 1   | 16,50                |

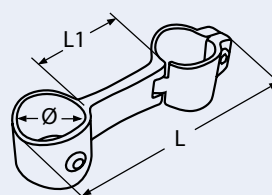


## Handlaufendstück 60° / A4-AISI 316

Hand rail end / Fixation pour tube 60°

### 814685

| Bestell-Nr.<br>Order no. | Ø  | L   | L1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|-----|----------------------|
| 814685425                | 25 | 118 | 44 | 1   | 17,00                |



## Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories

Embases, platines, tubes et accessoires

**814589**

### Spritzkappenhandlaufhalter Set für 2 Handläufe / A4-AISI 316

Sprayhood rail holder set for 2 hand rails / Kit main courante pour deux rampes



Bestehend aus:

4 Halter für 22mm Rohr  
4 Halteringe für 22 oder 25mm Rohr  
Schrauben und Unterlegscheiben  
zur Befestigung

Consisting of:

4 end brackets for 22mm tube  
4 holder rings for 22 or 25mm tube  
Screws and washers for installation

| Bestell-Nr.<br>Order no. | Spritzkappe Rohr-Ø<br>Sprayhood Tube-Ø | Handlauf<br>Handrail | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------------------|----------------------|-----|----------------------|
| 814589422                | 22                                     | 22                   | 1   | 144,00               |
| 814589425                | 25                                     | 22                   | 1   | 146,00               |


**814637**

### Spritzkappenhandlaufhalter Set mit Gelenk / A4-AISI 316

Sprayhood holder set with joint / Kit main courante avec joint



Bestehend aus:

1 Halter für 22mm Rohr  
1 Gelenk für 22mm Rohr (Schwenkwinkel  
90° nach unten und 45° nach oben)  
1 Haltering für 22 oder 25mm Rohr  
Schrauben und Unterlegscheibe zur  
Befestigung

Consisting of:

1 end brackets for 22mm tube  
1 joint for 22mm tube  
(angle of slew 90° down and 45° up)  
2 holder rings for 22 or 25mm tube.  
Screws and washers for installation

| Bestell-Nr.<br>Order no. | Spritzkappe Rohr-Ø<br>Sprayhood Tube-Ø | Handlauf<br>Handrail | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------------------|----------------------|-----|----------------------|
| 814637422                | 22                                     | 22                   | 1   | 126,00               |
| 814637425                | 25                                     | 22                   | 1   | 128,00               |



# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

4

## Rohrstütze für Spritzkappenhandlaufhalter / A4-AISI 316

Tube holder for sprayhood holder set / Montant de tube pour main courante

814638

| Bestell-Nr.<br>Order no. | Spritzkappe Rohr-Ø<br>Sprayhood Tube-Ø | Handlauf<br>Handrail | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------------------|----------------------|-----|----------------------|
| 814638422                | 22                                     | 22                   | 1   | 62,00                |
| 814638425                | 25                                     | 22                   | 1   | 64,00                |



Bestehend aus:

1 Rohrstütze für 22mm Rohr. 1 Haltering für 22 oder 25mm Rohr. Schraube und Unterlegscheibe zur Befestigung

Consisting of:

1 tube holder for 22mm tube. 1 holderring for 22 or 25mm tube. Screw and washer for installation

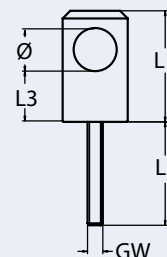


## Handlaufdurchlass / A4-AISI 316

Hand rail support / Passage main courante

8703

| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | L1 | L2 | L3 | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|----|----|----|-----|----------------------|
| 87034022                 | 22               | 58 | 55 | 27 | M8 | 1   | 17,50                |
| 87034025                 | 25               | 58 | 55 | 27 | M8 | 1   | 23,00                |

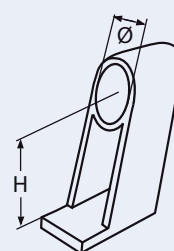


## Handlaufdurchlass, 60° / A4-AISI 316

Hand rail support, 60° / Passage main courante, 60°

8209

| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|-----|----------------------|
| 8209422                  | 22               | 38 | 1   | 9,60                 |
| 8209425                  | 25               | 38 | 1   | 10,00                |

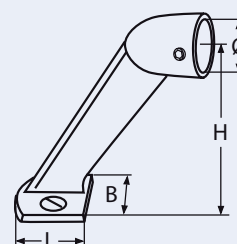


## Handlaufendstück, 60° / A4-AISI 316

Rail end, 60° / Embout main courante, 60°

8213

| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | H  | Sockel-Maß (L+B)<br>Socket size (L+W) | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|---------------------------------------|-----|----------------------|
| 8213422                  | 22               | 50 | 36 x 32                               | 1   | 12,50                |

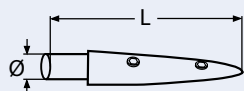




8215

**Handlaufendstück, 5 1/2° / A4-AISI 316**

Rail end, 5 1/2° / Embout main courante, 5 1/2°

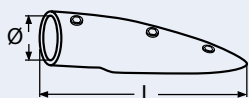


| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|-----|----------------------|
| 8215422                  | 22               | 140 | 1   | 8,00                 |

8214

**Handlaufendstück, 5 1/2° / A4-AISI 316**

Rail end, 5 1/2° / Embout main courante, 5 1/2°

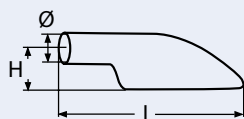


| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|-----|----------------------|
| 8214422                  | 22               | 125 | 1   | 16,00                |

8212

**Handlaufendstück, 90° / A4-AISI 316**

Rail end - bottom-mounted, 90° / Embout main courante, 90°



| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | L   | Höhe Mitte Rohr (H)<br>Height at tube centre (H) | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|--------------------------------------------------|-----|----------------------|
| 8212422                  | 22               | 175 | 38                                               | 1   | 23,00                |
| 8212425                  | 25               | 175 | 38                                               | 1   | 25,80                |

8310

**Endkappe / A4-AISI 316**

Top cap / Embout pour tube



| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 8310419                  | 19               | 10  | 6,00                 |
| 8310420                  | 20               | 10  | 6,40                 |
| 8310422                  | 22               | 10  | 6,80                 |
| 8310425                  | 25               | 10  | 7,60                 |
| 8310430                  | 30               | 5   | 9,80                 |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

# 4

## Endkappe, verstärkt / A4-AISI 316

Heavy duty top cap / Embout pour tube renforcé

## 8662

| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 8662422                  | 22               | 10  | 9,10                 |
| 8662425                  | 25               | 10  | 10,50                |
| 8662430                  | 30               | 5   | 11,50                |



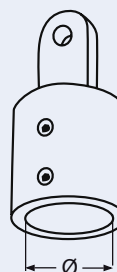
## NEW

## Endkappe mit 2 Schrauben / A4-AISI 316

Topcap with 2 screws / Embout pour tube 2 vis

## 814781

| Bestell-Nr.<br>Order no. | Für Rohr-Ø<br>For Tube-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----------------------|
| 814781420                | 20                       | 10  | 10,00                |
| 814781422                | 22                       | 10  | 10,50                |
| 814781425                | 25                       | 10  | 11,30                |
| 814781430                | 30                       | 5   | 14,00                |
| 814781432                | 32                       | 5   | 16,00                |



## NEW

## Endkappe verstärkt mit 2 Schrauben / A4-AISI 316

Heavy duty topcap with 2 screws / Embout renforcé pour tube 2 vis

## 814782

| Bestell-Nr.<br>Order no. | Für Rohr-Ø<br>For Tube-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----------------------|
| 814782422                | 22                       | 10  | 12,50                |
| 814782425                | 25                       | 10  | 13,30                |



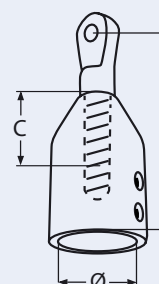
## NEW

## Rohrverlängerung verstärkt mit 2 Schrauben / A4-AISI 316

Heavy duty tubing extender with 2 screws / Embout long renforcé pour tube 2 vis

## 814783

| Bestell-Nr.<br>Order no. | Für Rohr-Ø<br>For Tube-Ø | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|----|----|-----|----------------------|
| 814783422                | 22                       | 76 | 17 | 1   | 17,90                |
| 814783425                | 25                       | 76 | 17 | 1   | 18,80                |



# Relingsbeschläge, Rohr und Zubehör

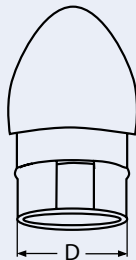
Rail fittings, tubing and accessories

Embases, platines, tubes et accessoires

## 8216

### Rohrendstück / A4-AISI 316

Bullet end plug / Bouchon pour tube



| Bestell-Nr.<br>Order no. | Für Rohr-Ø<br>For Tube-Ø | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|----|-----|----------------------|
| 8216419                  | 19                       | 16 | 10  | 6,80                 |
| 8216420                  | 20                       | 17 | 10  | 10,00                |
| 8216422                  | 22                       | 19 | 10  | 10,50                |
| 8216425                  | 25                       | 22 | 10  | 12,00                |
| 8216430                  | 30                       | 27 | 5   | 12,50                |

## 8327

### Rohrendstück / A4-AISI 316

Top insert / Enbout pour tube

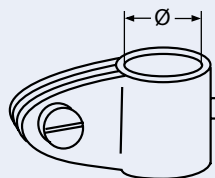


| Bestell-Nr.<br>Order no. | Für Rohr-Ø<br>For Tube-Ø | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|----|-----|----------------------|
| 8327419                  | 19                       | 16 | 10  | 12,50                |
| 8327422                  | 22                       | 19 | 10  | 13,00                |
| 8327425                  | 25                       | 22 | 10  | 15,00                |

## 8663

### Rohrmittelstück, verstärkt / A4-AISI 316

Heavy duty top slide / Collier de capote renforcé pour tube

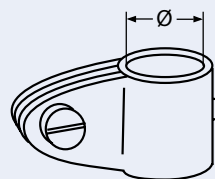


| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 8663422                  | 22               | 10  | 13,00                |
| 8663425                  | 25               | 10  | 13,50                |
| 8663430                  | 30               | 5   | 14,00                |

## 8309

### Verdeckbeschlag, Rohrmittelstück / A4-AISI 316

Top slide / Collier de capote pour tube



| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 8309419                  | 19               | 10  | 7,20                 |
| 8309420                  | 20               | 10  | 7,50                 |
| 8309422                  | 22               | 10  | 7,70                 |
| 8309425                  | 25               | 10  | 8,00                 |
| 8309430                  | 30               | 5   | 10,60                |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

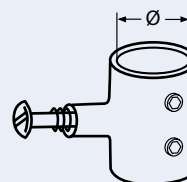
# 4

## Rohrmittelstück / A4-AISI 316

Top slide / Collier de capote pour tube

## 8658

| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 8658422                  | 22               | 10  | 14,80                |
| 8658425                  | 25               | 10  | 17,90                |

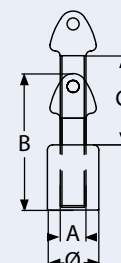


## Rohrverlängerung / A4-AISI 316

Tubing extender / Prolongation de filière

## 8665

| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | A  | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|----|----|-----|----------------------|
| 8665422                  | 22               | 16 | 65 | 40 | 1   | 15,50                |
| 8665425                  | 25               | 16 | 65 | 40 | 1   | 16,50                |

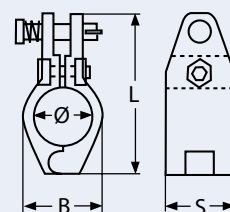


## Rohrmittelstück, 2-teilig / A4-AISI 316

Top slide, two-part / Collier ouvrant pour tube

## 8478

| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | L  | B  | S  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|----|----|-----|----------------------|
| 8478422                  | 22               | 68 | 30 | 28 | 5   | 15,50                |
| 8478425                  | 25               | 70 | 33 | 28 | 5   | 16,00                |
| 8478430                  | 30               | 74 | 38 | 28 | 5   | 19,00                |

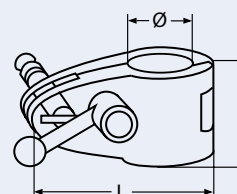


## Rohrmittelstück mit Knebel / A4-AISI 316

Top slide with key / Collier de capote pour tube, avec clef

## 814048

| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø                                 | L  | S    | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------------------------|----|------|-----|----------------------|
| 814048422                | 22                                               | 59 | 21,5 | 1   | 19,10                |
| 814048422_ERSATZ         | Ersatzknebel für 22mm / Replacement key for 22mm |    |      | 1   | 11,50                |
| 814048425                | 25                                               | 66 | 24,0 | 1   | 27,00                |
| 814048425_ERSATZ         | Ersatzknebel für 25mm / Replacement key for 25mm |    |      | 1   | 12,50                |
| 814048430                | 30                                               | 75 | 25,0 | 1   | 38,50                |
| 814048430_ERSATZ         | Ersatzknebel für 30mm / Replacement key for 30mm |    |      | 1   | 12,50                |





# Relingsbeschläge, Rohr und Zubehör

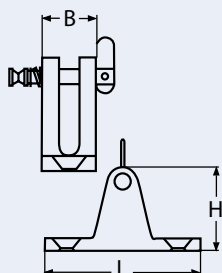
Rail fittings, tubing and accessories

Embases, platines, tubes et accessoires

## 8328

### Verdeckbeschlag, 90° mit Sicherungsbolzen / A4-AISI 316

Deck hinge, 90° with removable pin / Platine de capote, 90° avec vis de protection

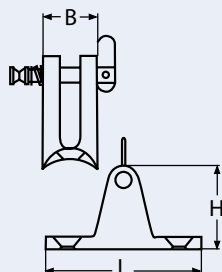


| Bestell-Nr.<br>Order no. | L                              | H  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------|----|----|-----|----------------------|
| 8328456_17               | 60                             | 35 | 22 | 5   | 9,30                 |
| 83284ERSATZ              | Ersatzbolzen / Replacement pin |    |    | 1   | 2,60                 |

## 8329

### Verdeckbeschlag rund, 90° mit Sicherungsbolzen / A4-AISI 316

Deck hinge with concave base, 90°, removable pin / Platine de capote concave, 90° avec vis de protection



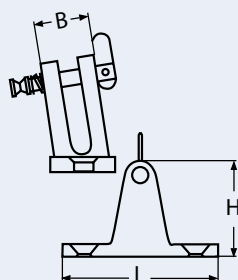
| Bestell-Nr.<br>Order no. | L                              | H  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------|----|----|-----|----------------------|
| 8329456_17               | 56                             | 35 | 17 | 5   | 9,00                 |
| 83294ERSATZ              | Ersatzbolzen / Replacement pin |    |    | 1   | 2,60                 |

Für Rohr bis 25mm / For tube to 25mm

## 8856

### Verdeckbeschlag, 80° mit Sicherungsbolzen / A4-AISI 316

Deck hinge, 80°, removable pin / Platine de capote, 80° avec vis de protection

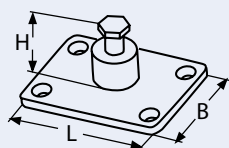


| Bestell-Nr.<br>Order no. | L                              | H  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------|----|----|-----|----------------------|
| 8856456_17               | 56                             | 35 | 17 | 5   | 10,00                |
| 83294ERSATZ              | Ersatzbolzen / Replacement pin |    |    | 1   | 2,60                 |

## 8853

### Verdeckbeschlagsplatte / A4-AISI 316

Deck hinge plate / Platine de capote plate



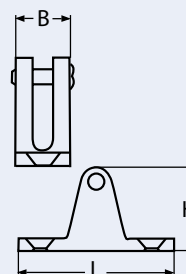
| Bestell-Nr.<br>Order no. | L  | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8853473_48               | 73 | 48 | 34 | 5   | 15,00                |

## Verdeckbeschlag, 90° / A4-AISI 316

Deck hinge, 90° / Platine de capote, 90°

### 8311

| Bestell-Nr.<br>Order no. | L  | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8311456_17               | 56 | 17 | 35 | 5   | 7,90                 |

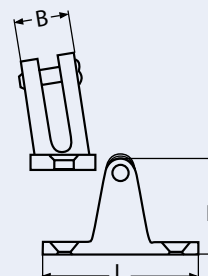


## Verdeckbeschlag Unterteil, 80° / A4-AISI 316

Deck hinge angle base, 80° / Platine de capote, 80°

### 8313

| Bestell-Nr.<br>Order no. | L  | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8313456_20               | 56 | 20 | 36 | 5   | 7,80                 |

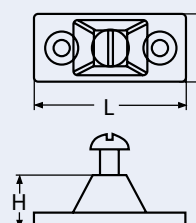


## Verdeckbeschlag Seitenplatte / A4-AISI 316

Deck hinge side mounted / Platine de capote

### 8312

| Bestell-Nr.<br>Order no. | L  | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8312450_23               | 50 | 23 | 33 | 5   | 7,50                 |

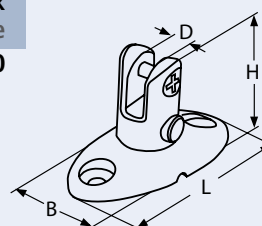


## Teilbarer Verdeckbeschlag / A4-AISI 316

Removable deck hinge / Platine de capote amovible

### 814166

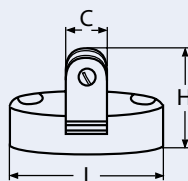
| Bestell-Nr.<br>Order no. | L  | B  | H  | D | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 814166475_35             | 75 | 35 | 47 | 8 | 1   | 35,00                |



8611

## Universal-Verdeckbeschlag / A4-AISI 316

Universal deck hinge / Platine de capote articulée universelle

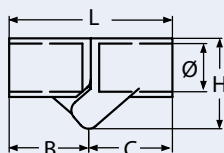


| Bestell-Nr.<br>Order no. | L  | H  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8611425_70               | 70 | 45 | 17 | 5   | 16,00                |

8652

## Bimini-Gelenk / A4-AISI 316

Bimini-joint / Joint de bimini à goupille

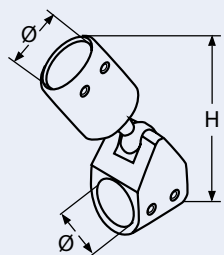
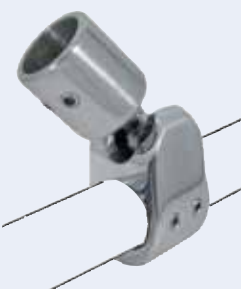


| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | L  | B  | C  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|----|----|----|-----|----------------------|
| 8652422                  | 22               | 78 | 39 | 39 | 40 | 1   | 26,00                |
| 8652425                  | 25               | 80 | 40 | 40 | 45 | 1   | 30,00                |

8819

## Bimini-Gelenk / A4-AISI 316

Bimini-joint / Joint de bimini articulé

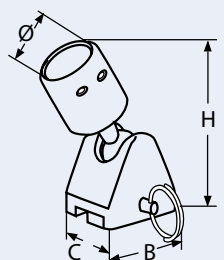


| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|-----|----------------------|
| 8819422                  | 22               | 97 | 1   | 45,00                |
| 8819425                  | 25               | 97 | 1   | 50,00                |

8820

## Bimini-Gelenk / A4-AISI 316

Bimini-joint / Joint de bimini articulé à goupille



| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | H  | C  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|----|----|-----|----------------------|
| 8820422                  | 22               | 82 | 30 | 42 | 1   | 53,00                |
| 8820425                  | 25               | 82 | 30 | 42 | 1   | 54,00                |

# Relingsbeschläge, Rohr und Zubehör

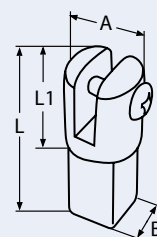
Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

# 4

**Gabel mit Winchaufnahme / A4-AISI 316**  
Fork with winchdrive / Chape de fixation pour Bimini

## 814730

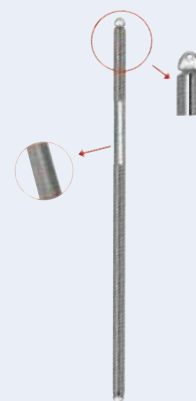
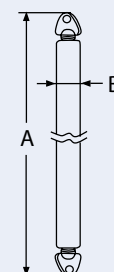
| Bestell-Nr.<br>Order no. | L  | L1 | A | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|----|-----|----------------------|
| 814730461                | 61 | 30 | 8 | 17 | 2   | 13,00                |



**Biminispanner / A2-AISI 304**  
Adjustable Bimini pole / Poteau réglable de bimini

## 814116

| Bestell-Nr.<br>Order no. | A-min. | A-max. | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|--------|----|-----|----------------------|
| 814116289                | 820    | 890    | 22 | 1   | 84,00                |
| 814116296                | 890    | 960    | 22 | 1   | 87,00                |
| 8141162103               | 970    | 1030   | 22 | 1   | 90,00                |
| 8141162114               | 1070   | 1140   | 22 | 1   | 91,00                |

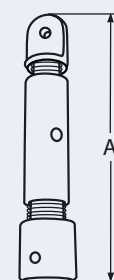


## NEW

**Biminispanner / A4-AISI 316**  
Bimini tensioner / Ridoir pour tube

## 814808

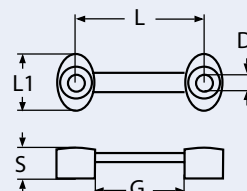
| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | A-min. | A-max. | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|--------|--------|-----|----------------------|
| 814808422                | 22               | 125    | 155    | 1   | 33,00                |
| 814808425                | 25               | 125    | 155    | 1   | 35,00                |
| 814808430                | 30               | 134    | 156    | 1   | 36,00                |



**Gurtbandbügel / A2-AISI 304**  
Strap fitting / Bride de maintien

## 8542

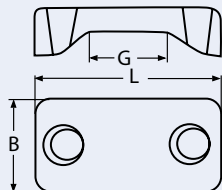
| Bestell-Nr.<br>Order no. | max. Gurtbreite (G)<br>max. strap width (G) | L  | L1 | D | S  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------------------------|----|----|---|----|-----|----------------------|
| 8542225                  | 25                                          | 38 | 16 | 5 | 10 | 10  | 4,50                 |



814207

### Gurtbandbügel / A4-AISI 316

Strap fitting / Bride de maintien

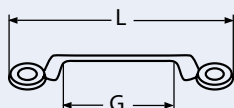


| Bestell-Nr.<br>Order no. | max. Gurtbreite (G)<br>max. strap width (G) | L  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------------------------|----|----|-----|----------------------|
| 814207425                | 25                                          | 50 | 15 | 5   | 7,60                 |

8366

### Riemenbügel / A4-AISI 316

Sling ring / Etrier plat pour sangle

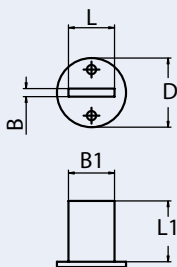


| Bestell-Nr.<br>Order no. | max. Gurtbreite (G)<br>max. strap width (G) | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------------------------|----|-----|----------------------|
| 8366426                  | 30                                          | 68 | 10  | 5,70                 |
| 8366436                  | 40                                          | 75 | 10  | 5,90                 |

8698

### Bügeltasche / A2-AISI 304

Flanges / Platine de pontet

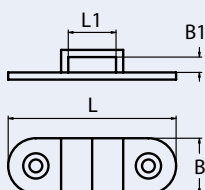


| Bestell-Nr.<br>Order no. | D  | L  | B   | L1 | B1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----|----|-----|----------------------|
| 8698220_35               | 30 | 20 | 3,5 | 29 | 24 | 5   | 8,90                 |

8699

### Bügeltasche / A2-AISI 304

Flanges / Platine de pontet



| Bestell-Nr.<br>Order no. | L  | B  | L1 | B1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8699285_30               | 85 | 30 | 25 | 8  | 5   | 13,30                |



# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

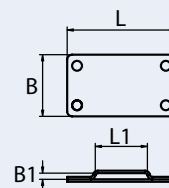
# 4

## Bügeltasche / A2-AISI 304

Flanges / Platine de pontet

## 8697

| Bestell-Nr.<br>Order no. | L  | B  | L1 | B1  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|-----|----------------------|
| 8697245_25               | 45 | 25 | 20 | 1,8 | 5   | 7,90                 |



B1

## Loxx-Knopf

Loxx knob / Bouton Loxx

## 8666

| Bestell-Nr.<br>Order no. | Oberteil<br>Upper part | Material<br>Material | Feder<br>Spring   | Gewindelänge<br>Length of thread | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------------|----------------------|-------------------|----------------------------------|-----|----------------------|
| 86666GROSS               | Groß                   | Messing, vernickelt  | Stahl, vern.      | 4,9                              | 50  | 3,50                 |
|                          | Large                  | Brass, nickel plated | Steel, nickel pl. |                                  |     |                      |
| 86666GROSSXL             | Groß                   | Messing, vernickelt  | Stahl, vern.      | 6,9                              | 50  | 5,30                 |
|                          | Large                  | Brass, nickel plated | Steel, nickel pl. |                                  |     |                      |
| 86662GROSS               | Groß                   | Edelstahl            | Edelstahl         | 4,9                              | 50  | 6,50                 |
|                          | Large                  | Stainless steel      | Stainless steel   |                                  |     |                      |
| 86667GROSS               | Groß                   | Messing, verchromt   | Stahl, vern.      | 4,9                              | 50  | 4,60                 |
|                          | Large                  | Brass, chrome plated | Steel, nickel pl. |                                  |     |                      |



**LOXX®**  
Made in Germany

## Loxx-Knopf für Tuch

Loxx knob for cloth / Bouton Loxx pour tissu

## 8668

| Bestell-Nr.<br>Order no. | Unterteil<br>Bottom part | Material<br>Material | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|----------------------|-----|----------------------|
| 86686STOFFE              | Für Stoffe               | Messing, vernickelt  | 50  | 2,20                 |
|                          | For fabric               | Brass, nickel plated |     |                      |



**LOXX®**  
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## Schraube für Loxx-Knopf

Screw for Loxx knob / Vis pour bouton Loxx

## 8667

| Bestell-Nr.<br>Order no. | Ø   | Gewindelänge<br>Length of thread | Material<br>Material              | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------------------|-----------------------------------|-----|----------------------|
| 8667642_10               | 4,2 | 10                               | Messing/Stahl, vern. <sup>1</sup> | 50  | 1,14                 |
| 8667642_12               | 4,2 | 12                               | Messing/Stahl, vern. <sup>1</sup> | 50  | 1,14                 |
| 8667642_16               | 4,2 | 16                               | Messing/Stahl, vern. <sup>1</sup> | 50  | 1,14                 |
| 8667242_10               | 4,2 | 10                               | Edelstahl <sup>2</sup>            | 50  | 1,70                 |
| 8667242_12               | 4,2 | 12                               | Edelstahl <sup>2</sup>            | 50  | 1,70                 |
| 8667242_16               | 4,2 | 16                               | Edelstahl <sup>2</sup>            | 50  | 1,70                 |

<sup>1</sup> Brass/steel, nickel plated, <sup>2</sup> Stainless steel



8696

## Schraube für Loxx-Knopf

Screw for Loxx knob / Vis pour bouton Loxx

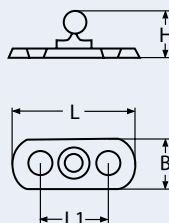


| Bestell-Nr.<br>Order no.                                               | GW | Gewindelänge<br>Length of thread | Material<br>Material             | Box | *€/Stück<br>*€/piece |
|------------------------------------------------------------------------|----|----------------------------------|----------------------------------|-----|----------------------|
| 8696610VERN                                                            | M5 | 10                               | Messing, vernickelt <sup>1</sup> | 50  | 1,60                 |
| 8696710VERC                                                            | M5 | 10                               | Messing, verchromt <sup>3</sup>  | 50  | 1,80                 |
| 8696210                                                                | M5 | 10                               | Edelstahl <sup>2</sup>           | 50  | 3,00                 |
| <sup>1</sup> Brass/steel, nickel plated, <sup>2</sup> Stainless steel, |    |                                  |                                  |     |                      |
| <sup>3</sup> Brass, chrome plated                                      |    |                                  |                                  |     |                      |

8839

## Loxx Unterteil verschraubbar / Messing verchromt

Loxx bottom part for screw joint / Barre de vissage inférieur Loxx - Laiton Chromé



| Bestell-Nr.<br>Order no. | L  | B  | H   | L1   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|------|-----|----------------------|
| 8839727_11               | 27 | 11 | 9,0 | 15,1 | 50  | 1,90                 |
| 8839734_11               | 34 | 11 | 9,0 | 23,5 | 50  | 2,50                 |

**LOXX**<sup>®</sup>  
Made in Germany

Passend für 3,5mm Linsensenkschrauben  
Fitting for 3.5mm countersunk head screws

814756

## Loxx Unterteil / A2 AISI 304

Loxx bottom part / Fermoir mal Loxx à visser pour housse/ pour bateau

NEW



| Bestell-Nr.<br>Order no. | Ø  | Typ                              | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----------------------------------|-----|----------------------|
| 814756224S               | 24 | Zum verschrauben<br>For screwing | 50  | 3,80                 |
| 814756224K               | 24 | Zum verkleben<br>For glueing     | 50  | 3,80                 |

**LOXX**<sup>®</sup>  
Made in Germany

814807

## Loxx Unterteil für Rohr / A2-AISI 304

Loxx bottom part for tube / Bride mal Loxx pour tube

NEW



| Bestell-Nr.<br>Order no. | Rohr-Ø<br>Tube-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 814807222                | 22               | 50  | 6,50                 |
| 814807225                | 25               | 50  | 6,80                 |
| 814807230                | 30               | 50  | 7,00                 |

**LOXX**<sup>®</sup>  
Made in Germany

**NEW**

## Universal Snap-Befestigung Mini / Plastik

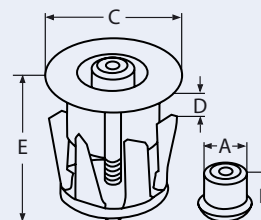
Universal snap in plunger mini / Système de fixation Clips Universel

**814742**

| Bestell-Nr.<br>Order no. | A                                   | B  | C  | D    | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------------------------|----|----|------|----|-----|----------------------|
| 814742339                | 12,5                                | 17 | 39 | 0-19 | 46 | 2   | 12,70                |
| 81474210M                | Montagezylinder<br>Installation jig |    |    |      |    | 1   | 30,00                |

- Universell einsetzbar zur Befestigung von z. B. Polsterung, Türen, Paneelen oder Deckenverkleidung.
- Haltekraft ca. 17 kg
- Universally applicable for mounting eg upholstery, doors. Panels or ceiling panels.
- Holding force approximately 17 kg

Montagezylinder  
zur Installation (JIG)



4

**NEW**

## Universal Snap-Befestigung / Plastik

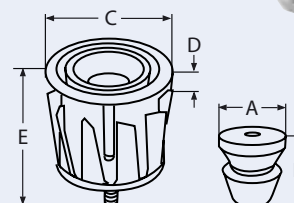
Universal snap in plunger / Système de fixation Clips Universel

**814743**

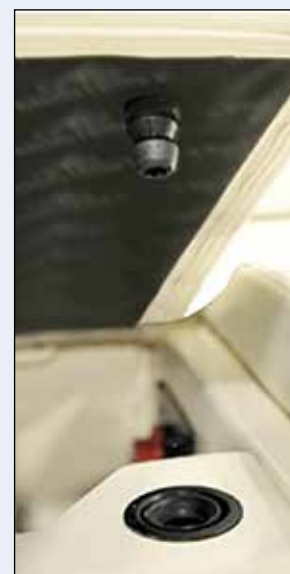
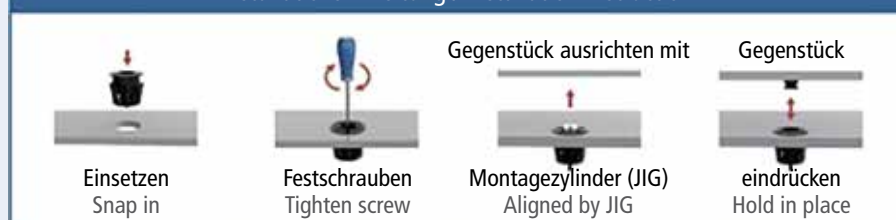
| Bestell-Nr.<br>Order no. | A                                   | B  | C  | D    | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------------------------|----|----|------|----|-----|----------------------|
| 814743360                | 25                                  | 27 | 60 | 3-19 | 57 | 2   | 21,90                |
| 81474310M                | Montagezylinder<br>Installation JIG |    |    |      |    | 1   | 30,00                |

- Universell einsetzbar zur Befestigung von z. B. Polsterung, Türen, Paneelen oder Deckenverkleidung.
- Haltekraft ca. 17 kg
- Universally applicable for mounting eg upholstery, doors. Panels or ceiling panels.
- Holding force approximately 17 kg

Montagezylinder  
zur Installation (JIG)



### Installations Anleitung / Installation Instruction



## Relingsbeschläge, Rohr und Zubehör

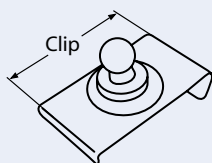
Rail fittings, tubing and accessories

Embases, platines, tubes et accessoires

**814693**

### Loxx Unterteil für Windschutzscheiben / Edelstahl C1-AISI 410

Loxx windshield clip stainless steel C1 / Acier inoxydable Loxx clip pare-brise



| Bestell-Nr.<br>Order no. | Clipgröße<br>Clip size | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------------|-----|----------------------|
| 814693234                | 3/4"                   | 50  | 1,10                 |
| 814693278                | 7/8"                   | 50  | 1,25                 |

**LOXX**<sup>®</sup>  
Made in Germany

**814392**

### Loxx Schlüssel

Loxx key / Clé pour Loxx



| Bestell-Nr.<br>Order no. | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------|
| 81439210                 | 10  | 5,00                 |

**LOXX**<sup>®</sup>  
Made in Germany

**814728**

### Loxx Schlüssel mit Holzgriff

Loxx key with wood handle / Clé pour Loxx avec manche en bois



| Bestell-Nr.<br>Order no. | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 81472810135              | 135 | 5   | 29,80                |

**LOXX**<sup>®</sup>  
Made in Germany

**814035**

### Durable™ Dot® Kappe / Messing, vernickelt

Durable™ Dot® cap, brass, nickel finish / Pièce pour fixation de capote - Laiton nickelé



| Bestell-Nr.<br>Order no. | Ø  | Schaftlänge<br>Shaft length | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----------------------------|-----|----------------------|
| 814035615_44             | 15 | 4,4                         | 100 | 0,30                 |
| 814035615_61             | 15 | 6,1                         | 100 | 0,35                 |
| 814035615_80             | 15 | 8,0                         | 100 | 0,45                 |

## Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

# 4

**NEW**

### Durable™ Dot® Kappe / A4 AISI 316

Durable™ Dot® cap / Pièce pour fixation de capote

**814760**

| Bestell-Nr.<br>Order no. | Ø  | Schaftlänge<br>Shaft length | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----------------------------|-----|----------------------|
| 814760415_44             | 15 | 4,4                         | 100 | 0,40                 |
| 814760415_64             | 15 | 6,4                         | 100 | 0,45                 |



# 4

### Durable™ Dot® Sockel / Messing, vernickelt

Durable™ Dot® socket, brass, nickel finish / Pièce pour fixation de capote - Laiton nickelé

**814036**

| Bestell-Nr.<br>Order no. | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------|
| 814036615                | 15 | 100 | 0,30                 |



**NEW**

### Durable™ Dot® Sockel / A4 AISI 316

Durable™ Dot® socket / Pièce pour fixation de capote

**814761**

| Bestell-Nr.<br>Order no. | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------|
| 814761415                | 15 | 100 | 0,40                 |



### Durable™ Dot® Zapfen / Messing, vernickelt

Durable™ Dot® stud, brass, nickel finish / Pièce pour fixation de capote - Laiton nickelé

**814037**

| Bestell-Nr.<br>Order no. | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------|
| 814037615                | 15 | 100 | 0,22                 |





## Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories

Embases, platines, tubes et accessoires

**814762**
**Durable™ Dot® Zapfen / A4 AISI 316**

Durable™ Dot® stud / Pièce pour fixation de capote

**NEW**


| Bestell-Nr.<br>Order no. | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------|
| 814762415                | 15 | 100 | 0,30                 |

**814038**
**Durable™ Dot® Unterteil / Messing, vernickelt**

Durable™ Dot® post, brass, nickel finish / Pièce pour fixation de capote - Laiton nickelé



| Bestell-Nr.<br>Order no. | Ø  | Schaftlänge<br>Shaft length | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----------------------------|-----|----------------------|
| 814038614_61             | 14 | 6,1                         | 100 | 0,17                 |
| 814038614_75             | 14 | 7,5                         | 100 | 0,24                 |
| 814038614_94             | 14 | 9,4                         | 100 | 0,26                 |

**814763**
**Durable™ Dot® Unterteil / A4 AISI 316**

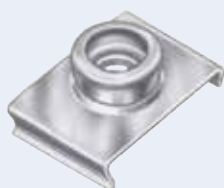
Durable™ Dot® post / Pièce pour fixation de capote

**NEW**


| Bestell-Nr.<br>Order no. | Ø  | Schaftlänge<br>Shaft length | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----------------------------|-----|----------------------|
| 814763141_64             | 14 | 6,4                         | 100 | 0,20                 |
| 814763141_79             | 14 | 7,9                         | 100 | 0,30                 |

**814039**
**Durable™ Dot® Unterteil für Windschutzscheiben / Messing, vernickelt**

Durable™ Dot® windshield clip, brass, nickel finish / Socle pour fixation de capote - Laiton nickelé



| Bestell-Nr.<br>Order no. | Clip Größe<br>Clip size | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------------|-----|----------------------|
| 814039634                | 3/4"                    | 100 | 1,10                 |
| 814039678                | 7/8"                    | 100 | 1,30                 |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

# 4

**Durable™ Dot® Unterteil m. Edelstahlschraube, selbstschneidend** / Messing, vernickelt  
Durable™ Dot® screw stud with stainless steel screw self drilling, brass, nickel finish / \*\*

## 814040

| Bestell-Nr.<br>Order no. | Ø  | Gewindelänge<br>Length of thread | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----------------------------------|-----|----------------------|
| 814040615_095            | 15 | 9,5                              | 100 | 1,25                 |
| 814040615_159            | 15 | 15,9                             | 100 | 1,35                 |

\*\* Socle pour fixation de capote avec vis inox auto-perçante - Laiton nickelé



**Durable™ Dot® Unterteil m. Edelstahlschraube** / Messing, vernickelt  
Durable™ Dot® screw stud with stainless steel screw, brass, nickel finish / \*\*

## 814041

| Bestell-Nr.<br>Order no. | Ø  | Gewindelänge<br>Length of thread | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----------------------------------|-----|----------------------|
| 814041615_095            | 15 | 9,5                              | 100 | 1,00                 |
| 814041615_159            | 15 | 15,9                             | 100 | 1,30                 |

\*\* Socle pour fixation de capote avec vis inox - Laiton nickelé



**Lift-The-Dot® Sockel** / Messing, vernickelt

Lift-The-Dot® socket, brass, nickel finish / Système de fermeture - Lift the Dot® - Finition nickel - cuivre

## 814228

| Bestell-Nr.<br>Order no. | Flügelänge<br>Wing length | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----|----------------------|
| 814228656                | 5,6                       | 100 | 1,30                 |
| 814228670                | 7,0                       | 100 | 1,70                 |



**Lift-The-Dot® Gegenplatte** / Messing, vernickelt  
Lift-The-Dot® back plate, brass, nickel finish / \*\*

## 814229

| Bestell-Nr.<br>Order no. | Box              | *€/Stück<br>*€/piece |
|--------------------------|------------------|----------------------|
| 8142296                  | Für / For 814228 | 100 0,35             |

\*\*Système de fermeture - Lift the Dot® - Finition nickel - cuivre



## Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories

Embases, platines, tubes et accessoires

**814230**
**Lift-The-Dot® Unterteil zur Stoffmontage / Messing, vernickelt**

Lift-The-Dot® stud for textile mounting, brass, nickel finish / \*\*



| Bestell-Nr.<br>Order no. | Flügelänge<br>Wing length | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----|----------------------|
| 814230643                | 4,3                       | 100 | 0,95                 |

\*\*Système de fermeture - Lift the Dot® - Finition nickel - cuivre

**814231**
**Lift-The-Dot® Gegenplatte / Messing, vernickelt**

Lift-The-Dot® washer, brass, nickel finish / \*\*

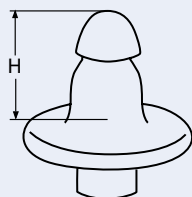


| Bestell-Nr.<br>Order no. |                  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 8142316                  | Für / For 814230 | 100 | 1,25                 |

\*\*Système de fermeture - Lift the Dot® - Finition nickel - cuivre

**814232**
**Lift-The-Dot® Unterteil / Messing, vernickelt**

Lift-The-Dot® stud, brass, nickel finish / Système de fermeture - Lift the Dot® - Finition nickel - cuivre



| Bestell-Nr.<br>Order no. | H    | Box | *€/Stück<br>*€/piece |
|--------------------------|------|-----|----------------------|
| 8142326105               | 10,5 | 100 | 1,70                 |

**814233**
**Lift-The-Dot® Gegenplatte / Messing, vernickelt**

Lift-The-Dot® washer, brass, nickel finish / \*\*



| Bestell-Nr.<br>Order no. |                  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 8142336                  | Für / For 814232 | 100 | 0,30                 |

\*\*Système de fermeture - Lift the Dot® - Finition nickel - cuivre

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

# 4

## Lift-The-Dot® Unterteil mit Messing-Holzschraube / Messing, vernickelt

Lift-The-Dot® screw stud with wood thread, brass, nickel finish / \*\*

### 814234

| Bestell-Nr.<br>Order no. | Kopfhöhe<br>Height of stud | Gewindelänge<br>Length of thread | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------|----------------------------------|-----|----------------------|
| 8142346133_95            | 13,3                       | 9,5                              | 100 | 1,60                 |
| 8142346133_169           | 13,3                       | 16,9                             | 100 | 1,80                 |

\*\*Système de fermeture - Lift the Dot® - Finition nickel - cuivre



## Lift-The-Dot® Unterteil mit Gewindeschraube / Messing, vernickelt

Lift-The-Dot® screw stud with thread screw, brass, nickel finish / \*\*

### 814236

| Bestell-Nr.<br>Order no. | Kopfhöhe<br>Height of stud | Gewindelänge<br>Length of thread | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------|----------------------------------|-----|----------------------|
| 8142366133               | 13,3                       | 9                                | 100 | 1,25                 |

\*\*Système de fermeture - Lift the Dot® - Finition nickel - cuivre



## Lift-The-Dot® Unterteil für Windschutzscheiben / Messing, vernickelt

Lift-The-Dot® windshield clip - brass, nickel finish / \*\*

### 814249

| Bestell-Nr.<br>Order no. | Clipgröße<br>Clip size | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------------|-----|----------------------|
| 814249634                | 3/4"                   | 100 | 1,40                 |
| 814249678                | 7/8"                   | 100 | 1,50                 |

\*\*Système de fermeture - Lift the Dot® - Finition nickel - cuivre



## Lift-The-Dot® Unterteil zum Verschrauben / Messing, vernickelt

Lift-The-Dot® stud for screwing - brass, nickel finish / \*\*

### 814315

| Bestell-Nr.<br>Order no. | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------|
| 814315610                | 10 | 100 | 3,50                 |

\*\*Système de fermeture - Lift the Dot® - Finition nickel - cuivre



## Relingsbeschläge, Rohr und Zubehör

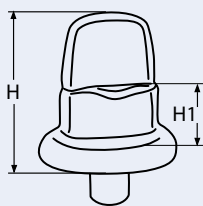
Rail fittings, tubing and accessories

Embases, platines, tubes et accessoires

**814237**

**Dot Common Sense® Drehverschluss / Messing, vernickelt**

Dot Common Sense® turn button - brass, nickel finish / \*\*



| Bestell-Nr.<br>Order no. | H  | H1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 814237620                | 20 | 7  | 100 | 2,80                 |
| 814237622                | 22 | 9  | 100 | 3,00                 |

\*\*Système de fermeture - Dot Common Sense® - Finition nickel - cuivre

**814238**

**Dot Common Sense® Gegenplatte / Messing, vernickelt**

Dot Common Sense® back plate - brass, nickel finish / \*\*



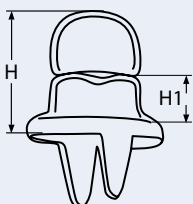
| Bestell-Nr.<br>Order no. | Box              | *€/Stück<br>*€/piece |
|--------------------------|------------------|----------------------|
| 8142386                  | Für / For 814237 | 100 0,40             |

\*\*Système de fermeture - Dot Common Sense® - Finition nickel - cuivre

**814239**

**Dot Common Sense® Drehverschluss mit zwei Zapfen / Messing, vernickelt**

Dot Common Sense® turn button with two cones - brass, nickel finish / \*\*



| Bestell-Nr.<br>Order no. | H  | H1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 814239618                | 18 | 6  | 100 | 1,45                 |
| 814239621                | 21 | 8  | 100 | 1,70                 |

\*\*Système de fermeture - Dot Common Sense® - Finition nickel - cuivre

**814240**

**Dot Common Sense® Gegenplatte / Messing, vernickelt**

Dot Common Sense® back plate - brass, nickel finish / \*\*



| Bestell-Nr.<br>Order no. | Box              | *€/Stück<br>*€/piece |
|--------------------------|------------------|----------------------|
| 8142406                  | Für / For 814239 | 100 0,30             |

\*\*Système de fermeture - Dot Common Sense® - Finition nickel - cuivre



# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

# 4

## Dot Common Sense® Drehverschluss zum Verschrauben / Messing, vernickelt Dot Common Sense® turn button for screwing - brass, nickel finish / \*\*

### 814241

| Bestell-Nr.<br>Order no. | H    | Box | *€/Stück<br>*€/piece |
|--------------------------|------|-----|----------------------|
| 8142416173               | 17,3 | 100 | 1,35                 |
| 8142416200               | 20,0 | 100 | 1,60                 |



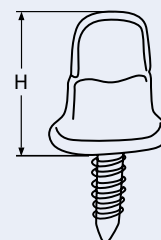
\*\*Système de fermeture - Dot Common Sense® - Finition nickel - cuivre

# 4

## Dot Common Sense® Drehverschluss mit Messingschraube, selbstschneidend / MS, vernickelt Dot Common Sense® turn button with brass screw, self drilling - brass, nickel finish / \*\*

### 814242

| Bestell-Nr.<br>Order no. | H  | Gewindelänge<br>Length of thread | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----------------------------------|-----|----------------------|
| 814242620                | 20 | 14,8                             | 100 | 6,10                 |



\*\*Système de fermeture - Dot Common Sense® - Finition nickel - cuivre

## Dot Common Sense® Drehverschluss mit Messing-Holzschraube / Messing, vernickelt Dot Common Sense® turn button with wood thread - brass, nickel finish / \*\*

### 814243

| Bestell-Nr.<br>Order no. | H  | Gewindelänge<br>Length of thread | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----------------------------------|-----|----------------------|
| 814243620                | 20 | 14,9                             | 100 | 5,30                 |



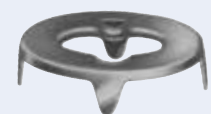
\*\*Système de fermeture - Dot Common Sense® - Finition nickel - cuivre

## Dot Common Sense® Öse mit Zapfen / Messing, vernickelt Dot Common Sense® grommet - brass, nickel finish / \*\*

### 814244

| Bestell-Nr.<br>Order no. |   | Flügelänge<br>Wing length | Box | *€/Stück<br>*€/piece |
|--------------------------|---|---------------------------|-----|----------------------|
| 814244685                | * | 8,5                       | 100 | 0,50                 |
| 814244698                | * | 9,8                       | 100 | 0,70                 |

\* Für / For: 814239, 814241, 824242, 814243



\*\*Système de fermeture - Dot Common Sense® - Finition nickel - cuivre

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories

Embases, platines, tubes et accessoires

## 814245

### Dot Common Sense® Gegenplatte / Messing, vernickelt

Dot Common Sense® washer - brass, nickel finish / \*\*



| Bestell-Nr.<br>Order no. |                  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 8142456                  | Für / For 814244 | 100 | 0,45                 |

\*\*Système de fermeture - Dot Common Sense® - Finition nickel - cuivre

## 814246

### Dot Common Sense® Gegenplatte, schwere Ausführung / Messing, vernickelt

Dot Common Sense® washer, heavy duty - brass, nickel finish / \*\*



| Bestell-Nr.<br>Order no. |                  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 8142466                  | Für / For 814244 | 100 | 0,40                 |

\*\*Système de fermeture - Dot Common Sense® - Finition nickel - cuivre

## 814247

### Dot® Öse / Messing, vernickelt

Dot® sheet grommet - brass, nickel finish / Système de fermeture - Finition Nickel - cuivre



| Bestell-Nr.<br>Order no. | Nr. | Innen-Ø<br>Inside-Ø | Schaftlänge<br>Shaft length | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|---------------------|-----------------------------|-----|----------------------|
| 8142476063 53            | 2   | 6,3                 | 5,3                         | 100 | 0,12                 |
| 8142476073 53            | 3   | 7,3                 | 5,3                         | 100 | 0,16                 |
| 8142476092 58            | 4   | 9,2                 | 5,8                         | 100 | 0,17                 |
| 8142476110 85            | 5   | 11,0                | 8,5                         | 100 | 0,21                 |
| 8142476124 102           | 6   | 12,4                | 10,2                        | 100 | 0,45                 |

## 814248

### Dot® Gegenplatte / Messing, vernickelt

Dot® plain washer - brass, nickel finish / Système de fermeture - Finition Nickel - cuivre



| Bestell-Nr.<br>Order no. | Für/For<br>Nr. 814247 | Innen-Ø<br>Inside-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------|---------------------|-----|----------------------|
| 8142486074               | 2                     | 7,4                 | 100 | 0,09                 |
| 8142486090               | 3                     | 9,0                 | 100 | 0,12                 |
| 8142486117               | 4                     | 11,7                | 100 | 0,14                 |
| 8142486134               | 5                     | 13,4                | 100 | 0,15                 |
| 8142486150               | 6                     | 15,0                | 100 | 0,25                 |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

4

## Minax Oberteil / Plastik

Minax upper part / Bouton pression femelle supérieur en plastique

814411

| Bestell-Nr.<br>Order no. | D  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 814411323_11             | 23 | 11 | 100 | 2,15                 |



## Minax Unterteil / Plastik

Minax lower part / Bouton pression mâle inférieur en plastique

814412

| Bestell-Nr.<br>Order no. | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------|
| 814412323                | 23 | 100 | 1,50                 |



## Minax Schraube mit Kreuzschlitz / A2-AISI 304

Minax cross slot screw / Bouton pression vis en inox

814413

| Bestell-Nr.<br>Order no. | Gewinde<br>Thread | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|----|-----|----------------------|
| 814413235_25             | 3,5 x 14          | 25 | 100 | 2,70                 |
| 814413235_32             | 3,5 x 22          | 32 | 100 | 3,00                 |



## Minax Schraube / Messing, vernickelt

Minax screw, brass, nickel-plated / Bouton pression vis en laiton nickelé

814414

| Bestell-Nr.<br>Order no. | Gewinde<br>Thread | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|----|-----|----------------------|
| 814414643_25             | 4,3 x 13          | 25 | 100 | 2,15                 |



814415

**Minax Maschinenschraube** / Messing, vernickelt

Minax machine screw, brass, nickel-plated / Bouton pression vis pour machine en laiton nickelé

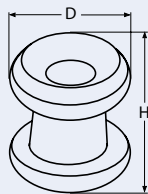


| Bestell-Nr.<br>Order no. | Gewinde<br>Thread | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|----|-----|----------------------|
| 81441564_20              | M4 x 8            | 20 | 100 | 2,15                 |
| 81441564_24              | M4 x 12           | 24 | 100 | 2,20                 |
| 81441564_32              | M4 x 20           | 32 | 100 | 2,30                 |

814210

**Gummiseilhalter** / „Persenning Knöpfe“ / A4-AISI 316

Norwegian knob / Taquet avec Système ressort

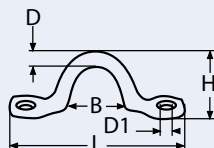


| Bestell-Nr.<br>Order no. | Für Schrauben Ø<br>For screws Ø | D  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------------|----|----|-----|----------------------|
| 814210411_10             | 3,9                             | 11 | 10 | 10  | 0,90                 |

8226

**Fenderöse** / A2-AISI 304

Eye strap / Pontet

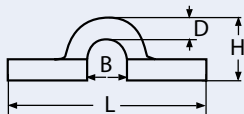


| Bestell-Nr.<br>Order no. | D  | L  | H  | D1  | B    | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|------|-----|----------------------|
| 8226204                  | 4  | 40 | 16 | 3,2 | 17,0 | 20  | 0,50                 |
| 8226205                  | 5  | 50 | 18 | 4,2 | 18,5 | 20  | 0,60                 |
| 8226206                  | 6  | 60 | 22 | 5,0 | 17,0 | 20  | 0,70                 |
| 8226208                  | 8  | 63 | 24 | 6,0 | 16,5 | 20  | 1,00                 |
| 8226210                  | 10 | 75 | 28 | 8,2 | 24,5 | 10  | 1,90                 |

8227

**Fenderöse, verstärkt** / A4-AISI 316

Reinforced eye strap / Pontet renforcé



| Bestell-Nr.<br>Order no. | D | L  | H  | B    | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|------|-----|----------------------|
| 8227405                  | 5 | 48 | 15 | 15,5 | 10  | 2,50                 |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

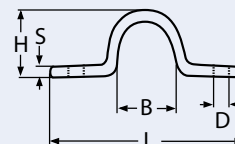
# 4

## Augbügel / A4-AISI 316

Eye strap / Pontet plat

## 8855

| Bestell-Nr.<br>Order no. | L  | H  | S   | B  | D | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----|---|-----|----------------------|
| 8855445                  | 45 | 11 | 1,2 | 13 | 4 | 10  | 3,20                 |
| 8855448                  | 48 | 14 | 1,2 | 16 | 4 | 10  | 3,40                 |

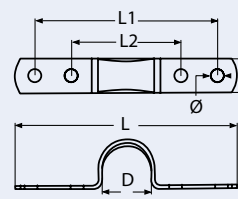


## Augbügel / A4-AISI 316

Eye strap / Pontet plat

## 814658

| Bestell-Nr.<br>Order no. | L  | L1   | L2   | B  | Ø   | S   | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|------|----|-----|-----|----|-----|----------------------|
| 814658466                | 66 | 56,0 | 26,0 | 11 | 4,2 | 1,2 | 10 | 10  | 0,50                 |
| 814658469                | 69 | 57,5 | 25,5 | 11 | 4,2 | 1,2 | 13 | 10  | 0,60                 |
| 814658472                | 72 | 59,0 | 35,0 | 11 | 4,2 | 1,2 | 16 | 5   | 0,70                 |

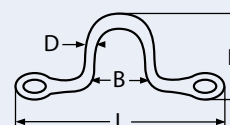


## Flachbügel / A4-AISI 316

Sheet eye strap / Pontet renforcé plat

## 8860

| Bestell-Nr.<br>Order no. | L  | H  | D | B    | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|------|-----|----------------------|
| 8860437                  | 37 | 13 | 4 | 12,0 | 10  | 0,80                 |
| 8860446                  | 46 | 15 | 6 | 17,5 | 10  | 0,90                 |
| 8860456                  | 56 | 21 | 7 | 24,0 | 10  | 1,35                 |

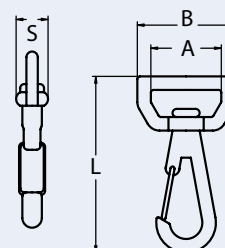


## Gurthaken mit Wirbel (Bimini) / A4-AISI 316

Strap clip with swivel (Bimini) / Attache rapide à émerillon pour sangle

## 8540

| Bestell-Nr.<br>Order no. | A  | B  | L  | S  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8540465_37               | 25 | 37 | 65 | 10 | 5   | 7,20                 |

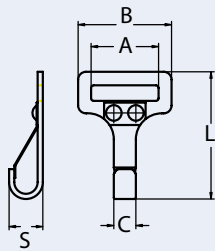




8541

**Gurthaken (Bimini) / A2-AISI 304**

Fixed clip (Bimini) / Attache rapide fixe pour sangle

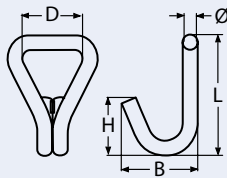


| Bestell-Nr.<br>Order no. | A  | B  | L  | C | S  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|----|-----|----------------------|
| 8541250_37               | 25 | 36 | 48 | 8 | 12 | 5   | 2,50                 |

814655

**Gurthaken / A4-AISI 316**

Straphook / Crochet de griffe

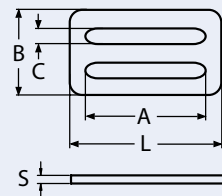


| Bestell-Nr.<br>Order no. | Ø | L  | H  | B    | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|------|----|-----|----------------------|
| 814655407                | 7 | 56 | 27 | 35,5 | 28 | 5   | 6,40                 |

8496

**Gurtschnalle / A4-AISI 316**

Strap latch / Double passant pour sangle

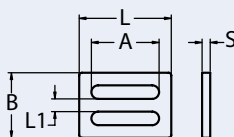


| Bestell-Nr.<br>Order no. | A  | B  | L  | C | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|---|-----|----------------------|
| 8496462_34               | 50 | 34 | 62 | 5 | 3 | 10  | 2,90                 |

8543

**Gurtschnalle / A2-AISI 304**

Strap latch / Double passant pour sangle



| Bestell-Nr.<br>Order no. | A  | B  | L  | L1 | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|---|-----|----------------------|
| 8543225_35               | 25 | 25 | 35 | 5  | 3 | 10  | 1,50                 |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

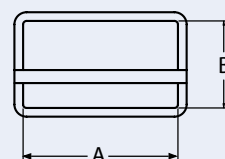
# 4

## Gurtschnalle / A2-AISI 304

Strap latch / Double passant ajustable pour sangle

## 8764

| Bestell-Nr.<br>Order no. | A  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 8764225_25               | 25 | 25 | 10  | 4,60                 |
| 8764243_28               | 40 | 28 | 10  | 6,10                 |
| 8764250_30               | 50 | 30 | 10  | 6,60                 |

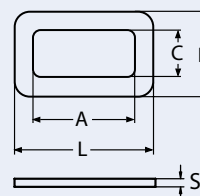


## Gurtschnalle / A4-AISI 316

Strap latch / Passant pour sangle

## 8497

| Bestell-Nr.<br>Order no. | A  | B  | L  | C  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|---|-----|----------------------|
| 8497465_40               | 50 | 40 | 65 | 22 | 4 | 10  | 3,90                 |



## Spanngurt mit Wirbelverschluss / A4-AISI 316

Swivel webbing buckle kit / Sangle + Kit complet

## 8831

| Bestell-Nr.<br>Order no. | Gurtbreite<br>Strap width | Länge<br>Length | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----------------|-------|-----|----------------------|
| 88314230                 | 25                        | 2300            | 400   | 1   | 49,00                |

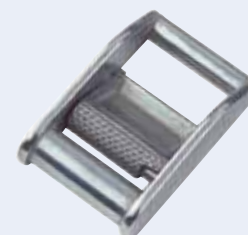
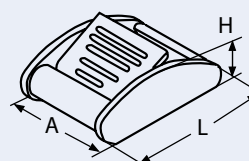


## Spanngurtverschluss / A4-AISI 316

Buckle / Boucle pour sangle

## 8829

| Bestell-Nr.<br>Order no. | A  | H  | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8829425                  | 25 | 16 | 52 | 10  | 11,00                |





# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

4

## 2 Spanngurte mit Verschluss / A4-AISI 316

2 tension belts with closure / 2 Sangles avec boucles

8823

| Bestell-Nr.<br>Order no. | Gurtbreite<br>Strap width | Länge<br>Length | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----------------|-----|----------------------|
| 8823425                  | 25                        | 2300            | 1   | 56,00                |



## Batteriehaltegurt / A4-AISI 316

Battery hold-down strap / Sangle pour maintien de batterie

814106

| Bestell-Nr.<br>Order no. | Gurtbreite<br>Strap width | Länge<br>Length | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----------------|-----|----------------------|
| 814106496_25             | 25                        | 960             | 5   | 42,50                |



NEW

## Automatik-Spanngurt, selbstaufwickelnd / Stahl

Retractable ratchet tie-down strap, steel / Sangle D'arrimage avec retour automatique

814836

| Bestell-Nr.<br>Order no. | Gurtbreite<br>Strap width | Länge<br>Length | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----------------|-------|-----|----------------------|
| 8148361025               | 25                        | 1800            | 680   | 1   | 16,00                |



NEW

## Automatik-Spanngurt, selbstaufwickelnd / Stahl

Retractable ratchet tie-down strap, steel / Sangle D'arrimage avec retour automatique

814837

| Bestell-Nr.<br>Order no. | Gurtbreite<br>Strap width | Länge<br>Length | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----------------|-------|-----|----------------------|
| 8148371025               | 25                        | 4500            | 680   | 1   | 34,00                |





814838

## Spanngurt mit Ratsche / Stahl

Ratchet tie-down, steel / Sangle a cliquet 2 crochets

NEW



| Bestell-Nr.<br>Order no. | Gurtbreite<br>Strap width | Länge<br>Length | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----------------|-------|-----|----------------------|
| 8148381050               | 50                        | 8200            | 5000  | 1   | 40,00                |

8824

## Spanngurt mit Ratsche / A2-AISI 304

Tension belts with ratchet / Sangle et chrochet

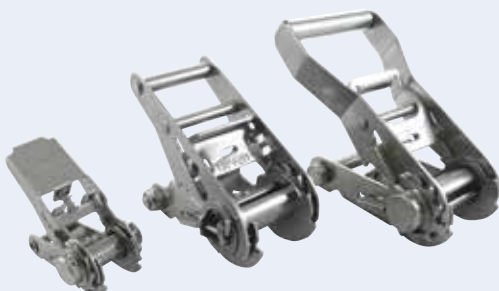


| Bestell-Nr.<br>Order no. | Gurtbreite<br>Strap width | Länge<br>Length | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----------------|-------|-----|----------------------|
| 8824225                  | 25                        | 4500            | 650   | 1   | 42,00                |

8814

## Gurtspanner / A2-AISI 304

Ratchet buckle / Tendeur pour sangles

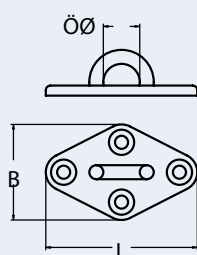


| Bestell-Nr.<br>Order no. | Für Gurtbreite<br>For Strap width | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------------|-------|-----|----------------------|
| 8814225                  | 25                                | 800   | 1   | 16,50                |
| 8814240                  | 40                                | 2000  | 1   | 53,50                |
| 8814250                  | 50                                | 3000  | 1   | 67,00                |

8223

## Decksplatte / A4-AISI 316

Pad eye diamond base / Pontet sur platine diamant



| Bestell-Nr.<br>Order no. | L   | Ösen-Ø<br>Eye-Ø | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----------------|----|-----|----------------------|
| 82234080                 | 80  | 19 x 11         | 50 | 5   | 8,30                 |
| 82234090                 | 90  | 22 x 13         | 55 | 5   | 13,10                |
| 82234100                 | 100 | 25 x 16         | 62 | 5   | 15,70                |

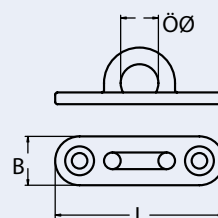


## Decksplatte / A4-AISI 316

Pad eye oblong base / Pontet sur platine oblongue

### 8224

| Bestell-Nr.<br>Order no. | L   | Ösen-Ø<br>Eye-Ø | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----------------|----|-----|----------------------|
| 82244075                 | 75  | 16              | 22 | 5   | 6,50                 |
| 82244088                 | 88  | 19              | 32 | 5   | 10,70                |
| 82244100                 | 100 | 22              | 36 | 5   | 14,20                |

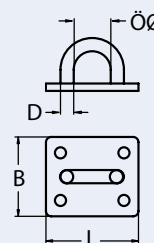


## Decksplatte / A2-AISI 304

Eye plate / Pontet sur platine carrée

### 8225

| Bestell-Nr.<br>Order no. | L  | B  | D | Ösen-Ø<br>Eye-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|-----------------|-----|----------------------|
| 8225205                  | 35 | 30 | 5 | 12              | 10  | 1,70                 |
| 8225206                  | 40 | 35 | 6 | 18              | 10  | 2,20                 |
| 8225208                  | 50 | 40 | 8 | 28              | 10  | 2,70                 |



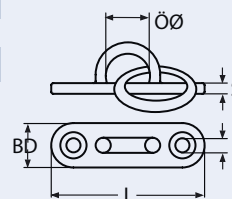
## NEW

## Mastplatte mit Ring / A2-AISI 304

Pad eye with ring / pontet sur platine avec anneau

### 814784

| Bestell-Nr.<br>Order no. | L   | D | Ösen-Ø<br>Eye-Ø | B  | S | Innen-Ø<br>Inside-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|---|-----------------|----|---|---------------------|-----|----------------------|
| 8147842045               | 45  | 5 | 11 x 12         | 15 | 5 | 30                  | 10  | 3,00                 |
| 8147842060               | 60  | 6 | 14 x 18         | 20 | 6 | 40                  | 10  | 4,30                 |
| 8147842080               | 80  | 8 | 19 x 22         | 26 | 8 | 50                  | 10  | 5,50                 |
| 8147842100               | 100 | 9 | 24 x 28         | 32 | 9 | 60                  | 10  | 8,30                 |

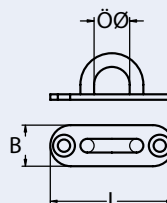


## Mastplatte / A2-AISI 304

Pad eye / Pontet sur platine

### 8266

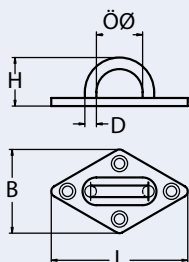
| Bestell-Nr.<br>Order no. | L   | Ösen-Ø<br>Eye-Ø | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----------------|----|-----|----------------------|
| 82662045                 | 45  | 11 x 12         | 16 | 10  | 2,50                 |
| 82662065                 | 60  | 14 x 18         | 19 | 10  | 3,80                 |
| 82662081                 | 81  | 19 x 22         | 25 | 10  | 5,00                 |
| 82662100                 | 100 | 24 x 28         | 36 | 10  | 6,00                 |



8264

**Mastplatte / A2-AISI 304**

Diamond pad eye / Pontet sur platine diamant

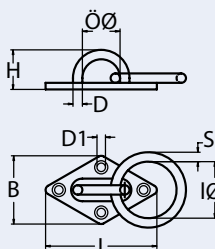


| Bestell-Nr.<br>Order no. | D | L  | B  | H  | Ösen-Ø<br>Eye-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|----|-----------------|-----|----------------------|
| 8264205                  | 5 | 60 | 36 | 20 | 16 x 13         | 5   | 4,00                 |
| 8264206                  | 6 | 65 | 40 | 26 | 19 x 16         | 5   | 4,50                 |
| 8264208                  | 8 | 80 | 50 | 32 | 22 x 19         | 5   | 5,80                 |

8265

**Mastplatte mit Ring / A2-AISI 304**

Diamond ring pad eye / Pontet sur platine diamant

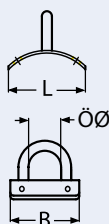


| Bestell-Nr.<br>Order no. | D | L  | B  | H  | Ösen-Ø<br>Eye-Ø | Innen-Ø<br>Inside-Ø | Stärke<br>Strength | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|----|-----------------|---------------------|--------------------|-----|----------------------|
| 8265205                  | 5 | 60 | 36 | 20 | 16 x 13         | 30                  | 5                  | 5   | 5,20                 |
| 8265206                  | 6 | 65 | 40 | 26 | 19 x 16         | 35                  | 6                  | 5   | 6,20                 |
| 8265208                  | 8 | 80 | 50 | 32 | 22 x 19         | 45                  | 8                  | 5   | 9,00                 |

8365

**Mastplatte, gewölbt für ca. 60 - 70 mm Ø / A2-AISI 304**

Eye plate, concave / Pontet sur platine concave

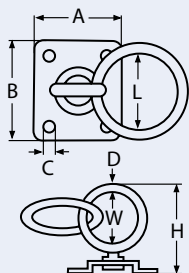


| Bestell-Nr.<br>Order no. | Auge<br>Eye              | L    | B  | Ösen-Ø<br>Eye-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|------|----|-----------------|-----|----------------------|
| 83652465_42              | Senkrecht<br>Vertical    | 46,5 | 42 | 20              | 5   | 5,00                 |
| 8365251_39               | Waagerecht<br>Horizontal | 51,0 | 39 | 20              | 5   | 5,00                 |

8397

**Augplatte mit Wirbel und Ring / A2-AISI 304**

Swivel ring plate / Anneau mobile sur platine carrée avec anneau



| Bestell-Nr.<br>Order no. | D | L  | A  | B  | H  | W  | C   | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|----|----|----|-----|-----|----------------------|
| 839725                   | 5 | 30 | 30 | 35 | 41 | 15 | 4,2 | 5   | 5,00                 |
| 839726                   | 6 | 40 | 35 | 40 | 45 | 18 | 4,2 | 5   | 6,00                 |
| 839728                   | 8 | 50 | 40 | 50 | 50 | 19 | 5,2 | 5   | 8,00                 |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

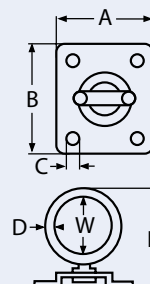
# 4

## Augplatte mit Wirbel / A2-AISI 304

Swivel eye plate / Anneau mobile sur platine carrée

### 8396

| Bestell-Nr.<br>Order no. | D | A  | B  | W  | H  | C   | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|----|----|-----|-----|----------------------|
| 839625                   | 5 | 30 | 35 | 15 | 41 | 4,2 | 5   | 3,00                 |
| 839626                   | 6 | 35 | 40 | 18 | 45 | 4,2 | 5   | 4,00                 |
| 839628                   | 8 | 40 | 50 | 19 | 50 | 5,7 | 5   | 6,00                 |

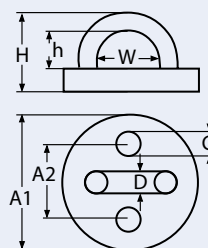


## Augplatte, rund / A2-AISI 304

Eye plate, round / Pontet sur platine ronde

### 8353

| Bestell-Nr.<br>Order no. | D | A1 | A2   | H  | h  | W  | C   | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|------|----|----|----|-----|-----|----------------------|
| 835325                   | 5 | 33 | 19,5 | 20 | 12 | 13 | 4,2 | 10  | 2,20                 |
| 835326                   | 6 | 40 | 23   | 26 | 17 | 17 | 4,2 | 10  | 2,50                 |
| 835328                   | 8 | 50 | 29,5 | 32 | 21 | 20 | 5,2 | 10  | 3,30                 |

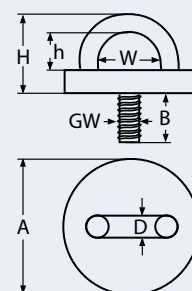


## Augplatte, rund mit Gewinde / A2-AISI 304

Eye plate round, with thread / Pontet sur platine ronde avec tige filetée

### 8368

| Bestell-Nr.<br>Order no. | D | A  | H  | h  | W  | B  | GW  | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|----|----|----|-----|-----|----------------------|
| 836825                   | 5 | 33 | 20 | 12 | 13 | 20 | M6  | 10  | 2,70                 |
| 836826                   | 6 | 40 | 26 | 17 | 17 | 23 | M8  | 10  | 3,30                 |
| 836828                   | 8 | 50 | 32 | 20 | 20 | 25 | M10 | 10  | 3,90                 |



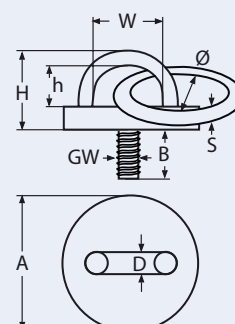
## NEW

## Augplatte, rund mit Gewinde und Ring / A2-AISI 304

Eye plate round, with thread and ring / pontet avec anneau sur platine ronde et filetée

### 814785

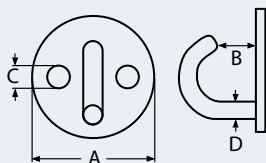
| Bestell-Nr.<br>Order no. | D | A  | H  | h  | W  | B  | GW  | S | Innen-Ø<br>Inside-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|----|----|----|-----|---|---------------------|-----|----------------------|
| 81478525                 | 5 | 33 | 20 | 12 | 13 | 20 | M6  | 5 | 30                  | 10  | 3,20                 |
| 81478526                 | 6 | 40 | 26 | 17 | 17 | 26 | M8  | 6 | 40                  | 10  | 3,80                 |
| 81478528                 | 8 | 50 | 32 | 20 | 20 | 30 | M10 | 8 | 50                  | 10  | 6,10                 |



8972

## Augplatte mit Haken / A4-AISI 316

Round plate with hook / Platine ronde avec crochet

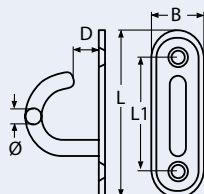


| Bestell-Nr.<br>Order no. | D | A  | B  | C   | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|-----|-------|-----|----------------------|
| 8972405                  | 5 | 33 | 8  | 4,5 | 200   | 10  | 2,10                 |
| 8972406                  | 6 | 40 | 12 | 4,5 | 220   | 10  | 2,50                 |
| 8972408                  | 8 | 50 | 14 | 5,5 | 250   | 10  | 4,30                 |

814657

## Augplatte mit Haken / A4-AISI 316

Eye plate with hook / Pontet crochet sur platine

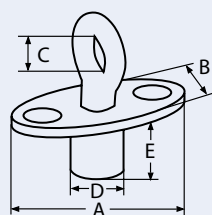


| Bestell-Nr.<br>Order no. | Ø | L   | D  | L1 | B  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---|-----|----|----|----|-------|-----|----------------------|
| 814657405                | 5 | 54  | 8  | 38 | 16 | 200   | 5   | 1,90                 |
| 814657406                | 6 | 65  | 12 | 46 | 19 | 220   | 5   | 2,50                 |
| 814657408                | 8 | 81  | 13 | 55 | 26 | 250   | 2   | 4,30                 |
| 814657409                | 9 | 100 | 16 | 62 | 32 | 280   | 2   | 7,20                 |

814117

## Augverschluss, gerade / A4-AISI 316

Swivel locking eye, straight / Couvercle à oeil droit

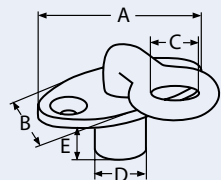


| Bestell-Nr.<br>Order no. | A  | B  | C  | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|----|-----|----------------------|
| 814117444                | 44 | 22 | 10 | 12 | 14 | 5   | 17,90                |

814118

## Augverschluss, 90° / A4-AISI 316

Swivel locking eye, 90° angle / Couvercle à oeil avec angle de 90°



| Bestell-Nr.<br>Order no. | A  | B  | C  | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|----|-----|----------------------|
| 814118444                | 44 | 22 | 10 | 12 | 14 | 5   | 18,10                |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

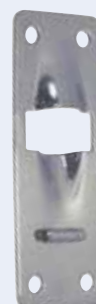
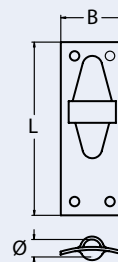
# 4

Fallenaustritt / A2-AISI 304

Bush / Sortie de drisse

## 8344

| Bestell-Nr.<br>Order no. | Typ<br>Type        | L  | B  | Ø bis max. | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------|----|----|------------|-----|----------------------|
| 83442GEBOGEN             | Gebogen<br>Curved  | 83 | 32 | 12         | 10  | 4,00                 |
| 83442GERADE              | Gerade<br>Straight | 83 | 32 | 12         | 10  | 4,00                 |



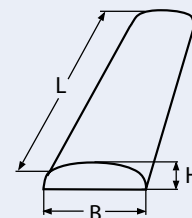
Scheuerleiste, halbrund, poliert / A4-AISI 316

Rub strakes, half-round, polished / Liston de protection

## 8263

| Bestell-Nr.<br>Order no. | B  | H   | L    | Bohrung<br>Drilling | Lochabst.<br>Hole spacing | Qualität<br>Quality          | *€/Meter<br>*€/metre |
|--------------------------|----|-----|------|---------------------|---------------------------|------------------------------|----------------------|
| 8263410_35POL            | 10 | 3,5 | 3100 |                     |                           | poliert <sup>1</sup>         | 25,00                |
| 8263410_35GEB            | 10 | 3,5 | 3100 | 3,0                 | 122                       | poliert+gebohrt <sup>2</sup> | 40,00                |
| 8263414_4POL             | 14 | 4   | 3100 |                     |                           | poliert <sup>1</sup>         | 30,50                |
| 8263414_4GEB             | 14 | 4   | 3100 | 3,0                 | 122                       | poliert+gebohrt <sup>2</sup> | 48,00                |
| 8263420_4POL             | 20 | 4   | 3100 |                     |                           | poliert <sup>1</sup>         | 37,50                |
| 8263420_4GEB             | 20 | 4   | 3100 | 3,0                 | 150                       | poliert+gebohrt <sup>2</sup> | 57,50                |
| 8263430_9POL             | 30 | 9   | 3100 |                     |                           | poliert <sup>1</sup>         | 147,00               |
| 8263430_9GEB             | 30 | 9   | 3100 | 4,5                 | 200                       | poliert+gebohrt <sup>2</sup> | 180,00               |
| 8263440_8POL             | 40 | 8   | 3100 |                     |                           | poliert <sup>1</sup>         | 197,00               |
| 8263440_8GEB             | 40 | 8   | 3100 | optional            |                           | poliert+gebohrt <sup>2</sup> | 255,00               |
| 8263450_12POL            | 50 | 12  | 3100 |                     |                           | poliert <sup>1</sup>         | 342,00               |
| 8263450_12GEB            | 50 | 12  | 3100 | optional            |                           | poliert+gebohrt <sup>2</sup> | 380,00               |

<sup>1</sup> polished, <sup>2</sup> polished and drilled



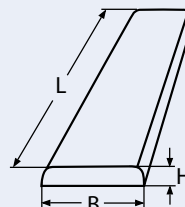
Scheuerleiste, flach, poliert / A4-AISI 316

Rub strakes, flat, polished / Liston de protection plat

## 814100

| Bestell-Nr.<br>Order no. | B  | H | L    | Bohrung<br>Hole | Lochabst.<br>Hole spacing | Qualität<br>Quality          | Box | *€/Meter<br>*€/metre |
|--------------------------|----|---|------|-----------------|---------------------------|------------------------------|-----|----------------------|
| 814100414p               | 14 | 4 | 3100 |                 |                           | poliert <sup>1</sup>         | 1   | 29,50                |
| 814100414pg              | 14 | 4 | 3100 | 3,8             | 150                       | poliert+gebohrt <sup>2</sup> | 1   | 47,00                |
| 814100420p               | 20 | 4 | 3100 |                 |                           | poliert <sup>1</sup>         | 1   | 53,00                |
| 814100420pg              | 20 | 4 | 3100 | 4,5             | 150                       | poliert+gebohrt <sup>2</sup> | 1   | 60,00                |

<sup>1</sup> polished, <sup>2</sup> polished and drilled

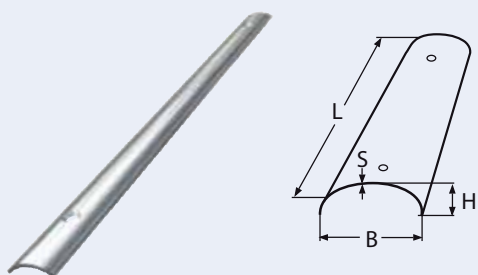




### 814601

#### Scheuerleiste halbrund, hohl, poliert, gebohrt / A4-AISI 316

Rub strakes half-round, hollow, polished, drilled / Liston de protection semi arrondi poli et percée

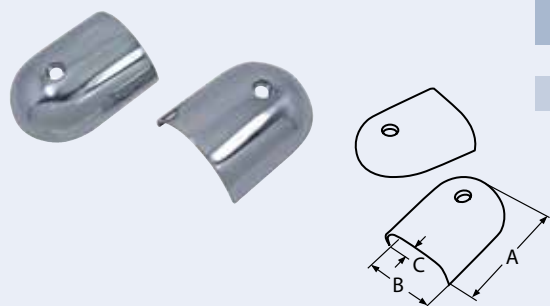


| Bestell-Nr.<br>Order no. | B  | H | L    | S | Bohrung<br>Hole | Lochabst.<br>Hole spacing | Box | *€/Meter<br>*€/metre |
|--------------------------|----|---|------|---|-----------------|---------------------------|-----|----------------------|
| 814601419                | 19 | 6 | 3000 | 2 | 5,8             | 147                       | 1   | 25,00                |
| 814601425                | 25 | 6 | 3000 | 2 | 7,0             | 147                       | 1   | 34,00                |
| 814601432                | 32 | 8 | 3000 | 2 | 7,0             | 147                       | 1   | 34,00                |

### 814115

#### Scheuerleistenendstücke / A4-AISI 316

Rub end caps / Embout de liston de protection

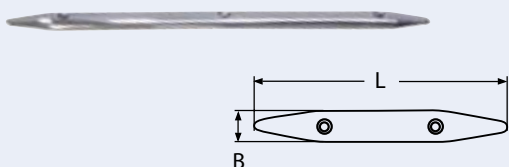


| Bestell-Nr.<br>Order no. | A  | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 814115445                | 60 | 45 | 19 | 2   | 12,70                |
| 814115447                | 60 | 47 | 19 | 2   | 13,10                |
| 814115457                | 73 | 57 | 25 | 2   | 14,50                |

### 8439

#### Kratzerstop, halbrund und hohl / A2-AISI 304

Rub strakes, half-round and hollow / Liston de protection à moitié en rond - Version creuse

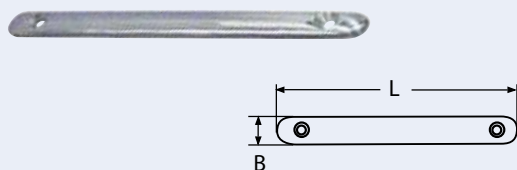


| Bestell-Nr.<br>Order no. | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 84392200                 | 200 | 20 | 5   | 9,00                 |
| 84392300                 | 300 | 20 | 5   | 12,00                |
| 84394450                 | 450 | 20 | 5   | 14,90                |
| 84394600                 | 600 | 20 | 5   | 19,50                |

### 8440

#### Kratzerstop, halbrund und massiv / A4-AISI 316

Rub strakes, half-round and solid / Liston de protection à moitié en rond - Version lourde



| Bestell-Nr.<br>Order no. | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 84404150                 | 150 | 13 | 5   | 9,60                 |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories  
Embases, platines, tubes et accessoires

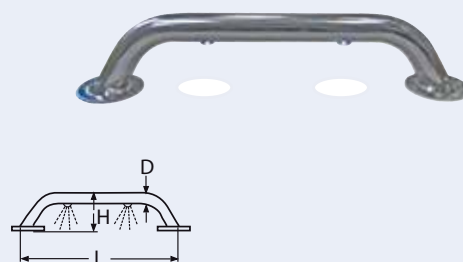
# 4

## Handlauf mit LEDs / A4-AISI 316

Handrail with LEDs / Main courante avec LED

## 814595

| Bestell-Nr.<br>Order no. | L    | D  | H  | LED's | Box | *€/Stück<br>*€/piece |
|--------------------------|------|----|----|-------|-----|----------------------|
| 8145954200               | 200  | 22 | 70 | 1     | 1   | 29,00                |
| 8145954300               | 300  | 22 | 70 | 2     | 1   | 37,30                |
| 8145954500               | 500  | 22 | 75 | 2     | 1   | 45,50                |
| 8145954800               | 800  | 22 | 75 | 3     | 1   | 61,00                |
| 81459541000              | 1000 | 22 | 75 | 4     | 1   | 76,00                |

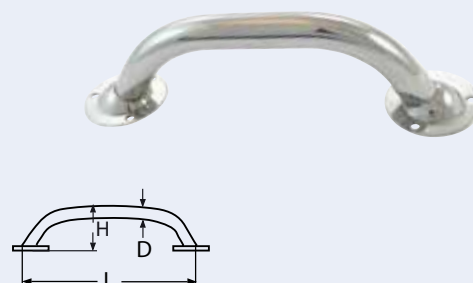


## Handlauf / A4-AISI 316

Handrail / Poignée

## 814721

| Bestell-Nr.<br>Order no. | L    | D  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|------|----|----|-----|----------------------|
| 81472140200              | 200  | 22 | 70 | 1   | 24,00                |
| 81472140300              | 300  | 22 | 70 | 1   | 26,80                |
| 81472140500              | 500  | 22 | 70 | 1   | 32,60                |
| 81472140800              | 800  | 22 | 70 | 1   | 42,90                |
| 81472141000              | 1000 | 22 | 70 | 1   | 48,20                |

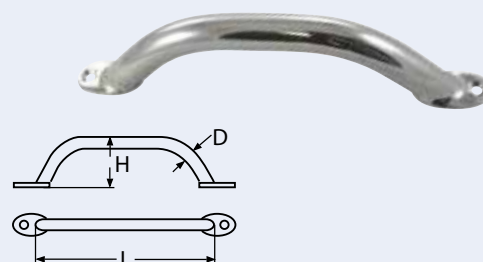


## Handlauf / A2-AISI 304

Handrail / Poignée inox

## 8507

| Bestell-Nr.<br>Order no. | L   | D  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|----------------------|
| 85072225                 | 260 | 25 | 75 | 1   | 31,00                |
| 85072300                 | 340 | 25 | 75 | 1   | 35,00                |
| 85072400                 | 440 | 25 | 75 | 1   | 62,00                |
| 85072600                 | 640 | 25 | 75 | 1   | 77,00                |

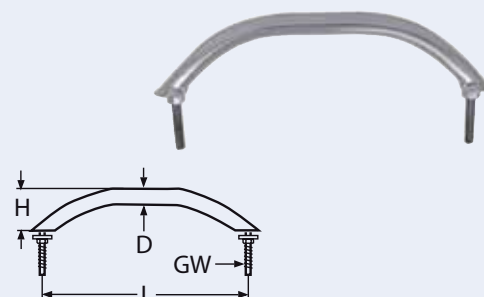


## Handlauf / A2-AISI 304

Handrail / Poignée inox

## 8442

| Bestell-Nr.<br>Order no. | L   | D  | H  | GW        | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----------|-----|----------------------|
| 84422220                 | 220 | 25 | 50 | 5/16" UNC | 1   | 27,00                |
| 84422300                 | 300 | 25 | 50 | 5/16" UNC | 1   | 30,00                |
| 84422460                 | 460 | 25 | 50 | 5/16" UNC | 1   | 38,00                |
| 84422610                 | 610 | 25 | 50 | 5/16" UNC | 1   | 41,00                |



# Relingsbeschläge, Rohr und Zubehör

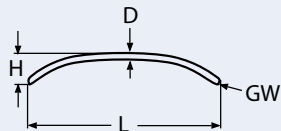
Rail fittings, tubing and accessories

Embases, platines, tubes et accessoires

**814189**

## Handlauf mit Innengewinde / A4-AISI 316

Handrail with internal thread / Poignée inox

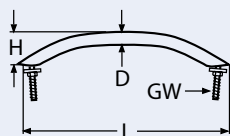
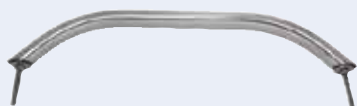


| Bestell-Nr.<br>Order no. | L   | D       | H  | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|---------|----|----|-----|----------------------|
| 8141894300               | 300 | 13 x 33 | 50 | M6 | 1   | 43,00                |
| 8141894450               | 450 | 13 x 33 | 50 | M6 | 1   | 53,00                |
| 8141894610               | 610 | 13 x 33 | 50 | M6 | 1   | 65,00                |

**814190**

## Handlauf / A2-AISI 304

Handrail / Poignée inox

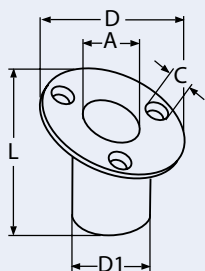


| Bestell-Nr.<br>Order no. | L   | D  | H  | GW        | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----------|-----|----------------------|
| 8141902300               | 300 | 25 | 50 | 5/16" UNC | 1   | 23,00                |
| 8141902460               | 460 | 25 | 50 | 5/16" UNC | 1   | 25,00                |
| 8141902610               | 610 | 25 | 50 | 5/16" UNC | 1   | 31,00                |

**8587**

## Flaggenstockhalter / A4-AISI 316

Pennant pole holder / Support de hampe

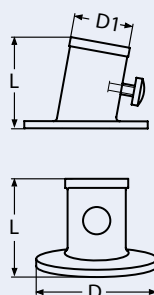


| Bestell-Nr.<br>Order no. | A  | D  | D1 | C   | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----|-----|----------------------|
| 8587470                  | 32 | 70 | 36 | 6,5 | 55 | 1   | 33,00                |

**8586**

## Flaggenstockhalter / A2-AISI 304

Pennant pole holder / Support de hampe



| Bestell-Nr.<br>Order no. | D1 | D  | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8586226                  | 26 | 67 | 50 | 1   | 37,00                |

# Relingsbeschläge, Rohr und Zubehör

Rail fittings, tubing and accessories

Embases, platines, tubes et accessoires

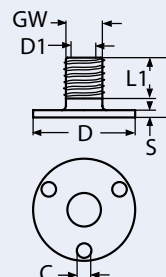
# 4

## Antennenfuß / A4-AISI 316

Antenna base / Embase d'antenne

### 8603

| Bestell-Nr.<br>Order no. | GW   | D  | D1 | C | L  | L1 | S | Box | *€/Stück<br>*€/piece |
|--------------------------|------|----|----|---|----|----|---|-----|----------------------|
| 8603425                  | 3/4" | 70 | 18 | 8 | 40 | 30 | 5 | 1   | 25,00                |

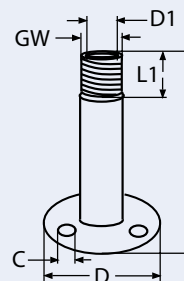


## Antennenfuß / A2-AISI 304

Antenna base / Embase d'antenne

### 8604

| Bestell-Nr.<br>Order no. | GW   | D  | D1 | C | L   | L1 | Box | *€/Stück<br>*€/piece |
|--------------------------|------|----|----|---|-----|----|-----|----------------------|
| 8604225                  | 3/4" | 70 | 18 | 8 | 105 | 22 | 1   | 19,60                |

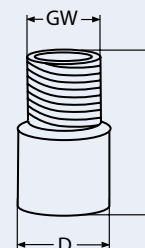


## Antennenfuß / A4-AISI 316

Antenna base / Raccord d'antenne pour tube

### 8720

| Bestell-Nr.<br>Order no. | GW   | D  | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|------|----|----|-----|----------------------|
| 8720425                  | 3/4" | 25 | 50 | 1   | 16,60                |

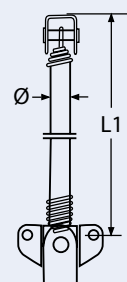


## Lukenfederhalter / A2-AISI 304

Hatch spring holder / Compas inox à ressort

### 8472

| Bestell-Nr.<br>Order no. | L   | L1  | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|-----|----------------------|
| 84722235                 | 235 | 220 | 10 | 1   | 10,00                |
| 84722295                 | 295 | 265 | 15 | 1   | 17,00                |



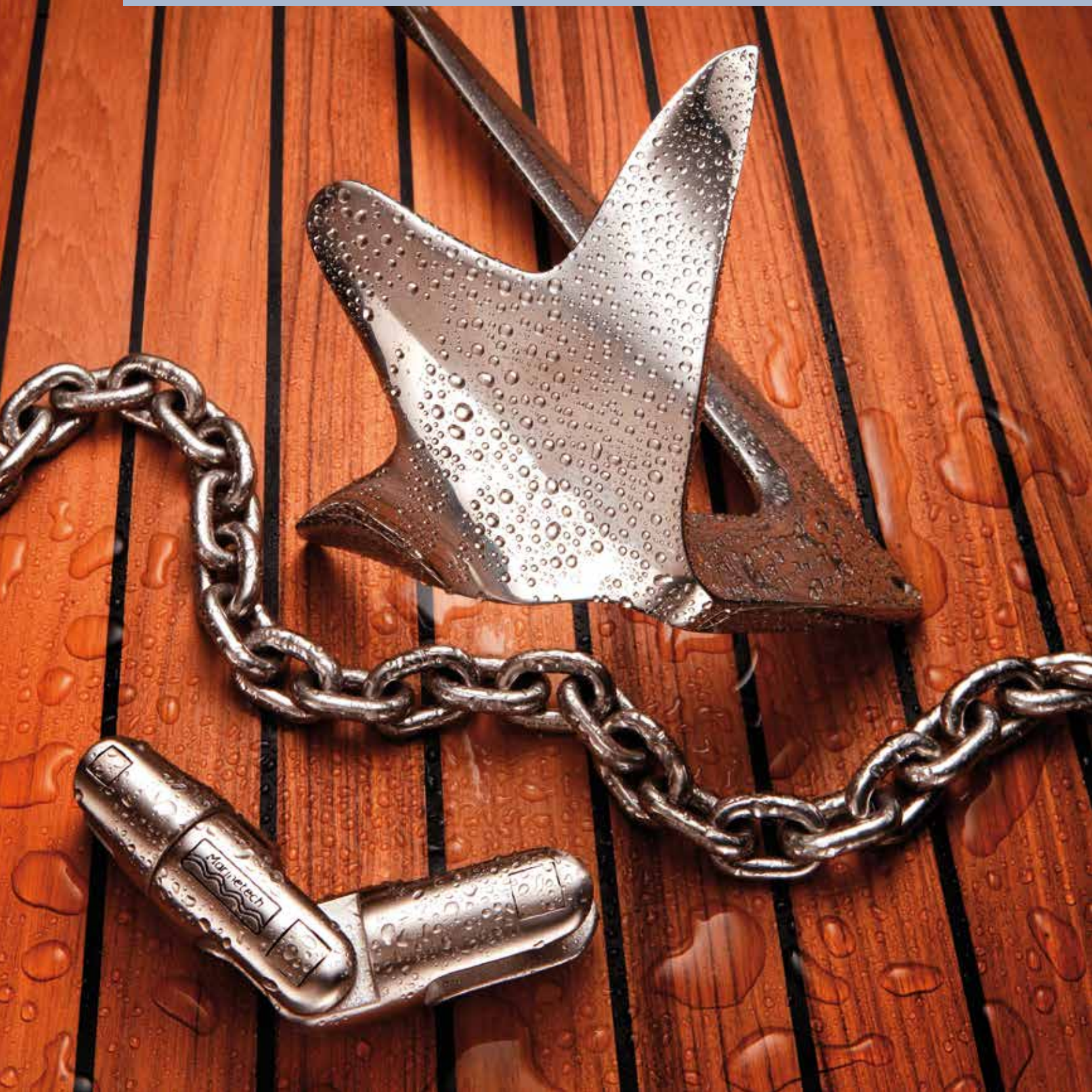


# Kapitel 5

## Chapter 5

### Ketten und Verbinder

### Chains and connectors





**NEW**

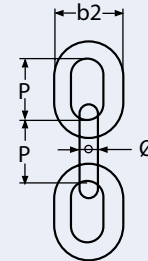
## Rundstahlkette, Form und Maße gemäß DIN 766 / A2-AISI 304 / A4-AISI 316

Chain, Design and dimensions according to DIN 766 / Chaîne maillon court selon DIN 766

**8300**

| Bestell-Nr. A2<br>Order no. A2 | Bestell-Nr. A4<br>Order no. A4 | Ø  | Bund/m A2<br>Bundle/m | Bund/m A4<br>Bundle/m | P    | b2   | BL/Kg | *€/Meter A2<br>*€/metre A2 | *€/Meter A4<br>*€/metre A4 |
|--------------------------------|--------------------------------|----|-----------------------|-----------------------|------|------|-------|----------------------------|----------------------------|
| 8300202                        | 8300402                        | 2* | 100                   | 100                   | 12   | 8    | 200   | 2,70                       | 3,80                       |
| 8300203                        | 8300403                        | 3* | 100                   | 100                   | 16   | 11   | 440   | 3,10                       | 4,40                       |
| 8300204                        | 8300404                        | 4  | 50                    | 30/50                 | 16   | 14   | 800   | 5,80                       | 8,30                       |
| 8300205                        | 8300405                        | 5  | 50                    | 30/50                 | 18,5 | 17   | 1250  | 10,30                      | 14,60                      |
| 8300206                        | 8300406                        | 6  | 50/100                | 30/50/100             | 18,5 | 20   | 1600  | 12,90                      | 18,40                      |
| 8300207                        | 8300407                        | 7  | -                     | 50                    | 22   | 23   | 2500  | -                          | 33,00                      |
| 8300208                        | 8300408                        | 8  | 50/100                | 30/50/100             | 24   | 26   | 3200  | 25,30                      | 36,10                      |
| 8300210                        | 8300410                        | 10 | 50/100                | 30/50/60/100          | 28   | 34   | 5000  | 41,40                      | 59,20                      |
| 8300213                        | 8300413                        | 13 | -                     | 50                    | 36   | 44   | 8000  | -                          | 101,30                     |
| 8300216                        | 8300416                        | 16 | -                     | 1                     | 46   | 51,7 | 13000 | -                          | 126,60                     |

\*Form und Maße gemäß DIN 5685A / \*Form and measure to DIN 5685A



5

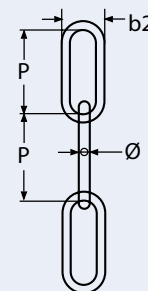
## Rundstahlkette, Form und Maße gemäß DIN 763 / A4-AISI 316

Chain, Design and dimensions according to DIN 763 / Chaîne maillon long selon DIN 763

**8301**

| Bestell-Nr.<br>Order no. | Ø   | Bund/m<br>Bundle/m | P  | b2 | BL/Kg | *€/Meter<br>*€/metre |
|--------------------------|-----|--------------------|----|----|-------|----------------------|
| 83014015                 | 1,5 | 100                | 12 | 6  | 90    | 2,00                 |
| 8301402                  | 2*  | 100                | 22 | 8  | 125   | 2,00                 |
| 8301403                  | 3*  | 100                | 26 | 12 | 350   | 3,70                 |
| 8301404                  | 4   | 50                 | 32 | 16 | 630   | 6,80                 |
| 8301405                  | 5   | 50                 | 35 | 20 | 1000  | 10,00                |
| 8301406                  | 6   | 50                 | 42 | 24 | 1250  | 15,60                |
| 8301408                  | 8   | 50                 | 52 | 32 | 2500  | 27,30                |
| 8301410                  | 10  | 50                 | 65 | 40 | 4000  | 43,20                |
| 8301413                  | 13  | 50                 | 82 | 52 | 6300  | 73,30                |

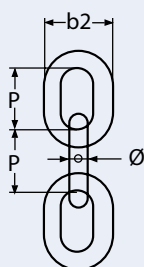
\* Form und Maße gemäß DIN 5685 / \* Form and measure to DIN 5685



8747

## Rundstahlkette, Form und Maße gemäß ISO 4565 / A4-AISI 316

Chain, Design and dimensions according to ISO 4565 / Chaîne maillon court selon ISO 4565



| Bestell-Nr.<br>Order no. | Ø  | Bund/m<br>Bundle/m | P  | b2 | BL/Kg | *€/Meter<br>*€/metre |
|--------------------------|----|--------------------|----|----|-------|----------------------|
| 8747410                  | 10 | 50                 | 30 | 34 | 5000  | 60,00                |

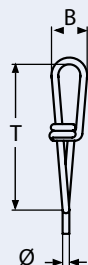
Achtung: Unterschied zu 8300-10mm ist hier das Maß P 30mm

Attention: difference to 8300-10mm is the size of P = 30mm

8695

## Knotenkette / A4-AISI 316

Knotted chain / Chaîne à maillons noués



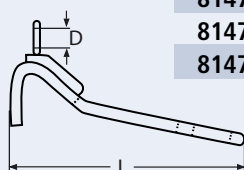
| Bestell-Nr.<br>Order no. | Ø   | T  | B    | BL/Kg | Bund/m<br>Bundle/m | Kg/100m | *€/Meter<br>*€/metre |
|--------------------------|-----|----|------|-------|--------------------|---------|----------------------|
| 86954016                 | 1,6 | 23 | 7,0  | 22    | 30                 | 6,0     | 2,50                 |
| 86954018                 | 1,8 | 26 | 8,0  | 30    | 30                 | 7,3     | 2,90                 |
| 86954020                 | 2,0 | 28 | 9,0  | 40    | 30                 | 9,0     | 3,90                 |
| 86954022                 | 2,2 | 31 | 10,0 | 50    | 30                 | 11,0    | 4,10                 |
| 86954025                 | 2,5 | 35 | 11,0 | 70    | 30                 | 14,0    | 4,80                 |
| 86954028                 | 2,8 | 39 | 12,5 | 90    | 30                 | 17,0    | 5,40                 |

814780

## Kettenkralle / A4-AISI 316

Chain claw / Griffe pour chaîne

NEW

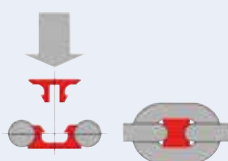


| Bestell-Nr.<br>Order no. | Für Kette<br>For chain | L   | D  | Seil Ø<br>Rope-Ø | Seillänge<br>Length of rope | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------------|-----|----|------------------|-----------------------------|-----|----------------------|
| 814780406                | 6MM                    | 160 | 16 | 14               | 3 Mtr.                      | 1   | 72,00                |
| 814780408                | 8MM                    | 205 | 16 | 14               | 3 Mtr.                      | 1   | 88,00                |
| 814780410                | 10MM                   | 215 | 16 | 14               | 3 Mtr.                      | 1   | 96,00                |
| 814780413                | 13MM                   | 225 | 27 | 18               | 3 Mtr.                      | 1   | 112,00               |

8821

## Kettenmarkierung für Ankerketten

Chain mark for anchor chain / Marquage de chaîne pour chaîne d'ancre.



| Bestell-Nr.<br>Order no. | Ketten Ø<br>Chain Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|-----|----------------------|
| 8821306                  | 6                   | 50  | 0,62                 |
| 8821308                  | 8                   | 50  | 0,63                 |
| 8821310                  | 10                  | 50  | 0,66                 |
| 8821313                  | 13                  | 50  | 0,76                 |

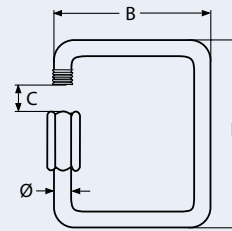
Seewasserbeständig und schlagfest - grün-blau-pink-weiß-gelb, je 10 Stück pro Farbe in einer Box.

Seawater resistant and shockproof - green-blue-pink-white-yellow, 10 pcs of each colour per box.

**Schraubverbinder quadratisch / A4-AISI 316**  
Square shape quick link / Maillon rapide forme carrée

**814654**

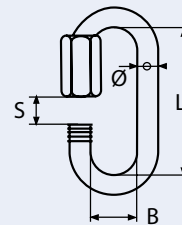
| Bestell-Nr.<br>Order no. | Ø  | L    | B  | C   | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|-----|-------|-----|----------------------|
| 814654404                | 4  | 39,5 | 33 | 5,5 | 1000  | 10  | 1,90                 |
| 814654405                | 5  | 47,5 | 38 | 6,5 | 1625  | 10  | 2,30                 |
| 814654406                | 6  | 55,0 | 43 | 7,5 | 2250  | 10  | 3,40                 |
| 814654408                | 8  | 71,0 | 53 | 10  | 3850  | 5   | 6,10                 |
| 814654410                | 10 | 88,5 | 63 | 12  | 6250  | 5   | 12,00                |



**Schraubverbinder / A4-AISI 316**  
Quick link for chains / Maillon rapide

**8253**

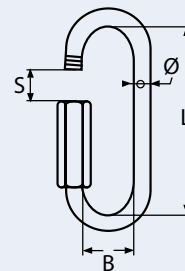
| Bestell-Nr.<br>Order no. | Ø  | L  | B  | S    | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|------|-----|----------------------|
| 8253403                  | 3  | 27 | 9  | 4,3  | 20  | 1,70                 |
| 8253404                  | 4  | 32 | 12 | 5,5  | 20  | 2,10                 |
| 8253405                  | 5  | 39 | 13 | 6,5  | 20  | 2,40                 |
| 8253406                  | 6  | 45 | 14 | 7,5  | 10  | 2,50                 |
| 8253408                  | 8  | 58 | 18 | 9,5  | 10  | 4,10                 |
| 8253410                  | 10 | 69 | 22 | 12   | 5   | 9,60                 |
| 8253412                  | 12 | 81 | 24 | 14,5 | 5   | 12,40                |



**Schraubverbinder, lange Form / A4-AISI 316**  
Quick link, long / Maillon rapide, forme longue

**8838**

| Bestell-Nr.<br>Order no. | Ø   | L   | B    | S    | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|------|-------|-----|----------------------|
| 8838403                  | 3,5 | 40  | 8,5  | 8,5  | 1000  | 20  | 1,55                 |
| 8838404                  | 4   | 45  | 11,5 | 11,5 | 1250  | 20  | 1,80                 |
| 8838405                  | 5   | 52  | 13,0 | 13,0 | 2000  | 20  | 2,50                 |
| 8838406                  | 6   | 58  | 14,5 | 14,5 | 2900  | 10  | 3,40                 |
| 8838408                  | 8   | 74  | 17,5 | 17,5 | 7900  | 10  | 5,90                 |
| 8838410                  | 10  | 85  | 20,5 | 20,5 | 8000  | 5   | 10,30                |
| 8838412                  | 12  | 100 | 23,5 | 23,5 | 11000 | 5   | 14,50                |

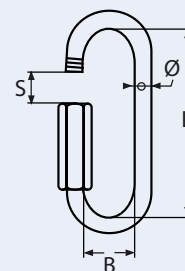


**NEW**

**Schraubverbinder / Alu**  
Quick link / Maillon rapide en Alu

**814786**

| Bestell-Nr.<br>Order no. | Ø   | L  | B  | S  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|-------|-----|----------------------|
| 8147860035               | 3,5 | 36 | 10 | 5  | 200   | 20  | 1,20                 |
| 814786005                | 5   | 49 | 13 | 6  | 350   | 20  | 1,50                 |
| 814786006                | 6   | 58 | 14 | 7  | 600   | 20  | 2,00                 |
| 814786008                | 8   | 75 | 17 | 10 | 700   | 10  | 3,50                 |
| 814786010                | 10  | 90 | 20 | 12 | 1350  | 10  | 5,20                 |



# Ketten und Verbinder

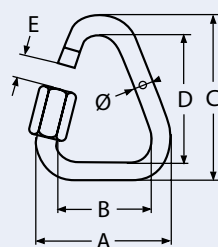
Chains and connectors

Chaînes, maillons rapides et jonctions

## 8489

### Delta-Schraubverbinder / A4-AISI 316

Delta quick link / Maillon - delta droite inox

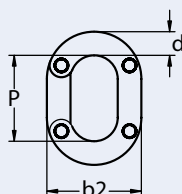


| Bestell-Nr.<br>Order no. | Ø  | A  | B  | C  | D  | E   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|----|-----|-----|----------------------|
| 8489404                  | 4  | 34 | 26 | 39 | 31 | 5,5 | 10  | 2,30                 |
| 8489405                  | 5  | 39 | 30 | 47 | 38 | 6   | 10  | 2,80                 |
| 8489406                  | 6  | 47 | 34 | 55 | 44 | 7   | 10  | 3,40                 |
| 8489408                  | 8  | 55 | 39 | 72 | 56 | 9   | 5   | 6,00                 |
| 8489410                  | 10 | 66 | 46 | 86 | 66 | 12  | 5   | 10,00                |

## 8363

### Kettennotglied zum Einnieten / A4-AISI 316

Security chain link / Maillon rapide à river

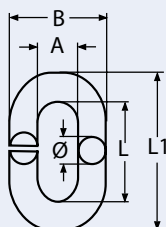


| Bestell-Nr.<br>Order no. | für Kette mm<br>For chain | b2 | P    | d  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|----|------|----|-------|-----|----------------------|
| 8363405                  | 5                         | 19 | 17,5 | 5  | 1200  | 10  | 2,60                 |
| 8363406                  | 6                         | 24 | 21   | 6  | 2100  | 10  | 2,70                 |
| 8363408                  | 8                         | 28 | 24   | 8  | 3000  | 5   | 3,10                 |
| 8363410                  | 10                        | 34 | 29   | 10 | 4600  | 1   | 3,40                 |

## 8286

### C-Ring / A4-AISI 316

C-ring / Maillon plat ouvert

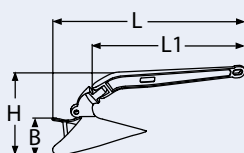


| Bestell-Nr.<br>Order no. | Ø  | A  | B    | L  | L1 | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|----|----|-------|-----|----------------------|
| 8286405                  | 5  | 8  | 17,5 | 20 | 30 | 300   | 10  | 1,40                 |
| 8286406                  | 6  | 9  | 21   | 24 | 36 | 450   | 10  | 1,50                 |
| 8286408                  | 8  | 12 | 28   | 32 | 48 | 650   | 5   | 2,10                 |
| 8286410                  | 10 | 15 | 35   | 40 | 60 | 900   | 5   | 3,40                 |
| 8286413                  | 13 | 20 | 46   | 52 | 78 | 1600  | 1   | 7,60                 |
| 8286416                  | 16 | 24 | 56   | 64 | 96 | 3000  | 1   | 13,60                |

## 8385

### Pflugscharanker, hochglanzpoliert / A4-AISI 316

Plough anchor, highly polished / Ancre charrue polie

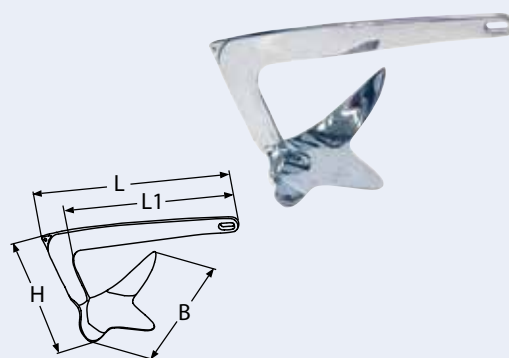


| Bestell-Nr.<br>Order no. | Kg | L   | L1  | H   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|-----|-----|-----|-----|----------------------|
| 8385407                  | 7  | 710 | 520 | 245 | 230 | 1   | 500,00               |
| 8385409                  | 9  | 740 | 560 | 310 | 290 | 1   | 625,00               |
| 8385412                  | 12 | 860 | 670 | 340 | 270 | 1   | 780,00               |
| 8385415                  | 15 | 860 | 670 | 390 | 300 | 1   | 1050,00              |
| 8385422                  | 22 | 880 | 690 | 420 | 330 | 1   | 1350,00              |
| 8385427                  | 27 | 880 | 690 | 450 | 340 | 1   | 1485,00              |

**„Lee“ Anker, hochglanzpoliert / A4-AISI 316**  
Lee anchor, mirror polished / Ancre FHD

**8414**

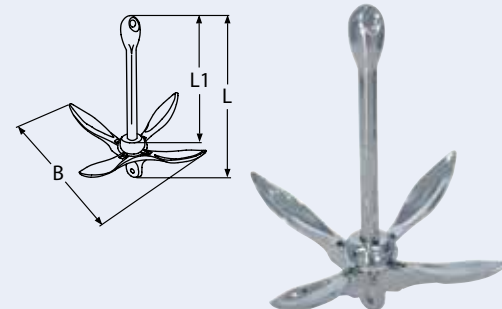
| Bestell-Nr.<br>Order no. | Kg  | L   | L1  | H   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|-----|-----|----------------------|
| 84144010                 | 1   | 260 | 210 | 100 | 170 | 1   | 65,00                |
| 84144020                 | 2   | 345 | 280 | 135 | 230 | 1   | 136,00               |
| 84144050                 | 5   | 470 | 375 | 180 | 300 | 1   | 295,00               |
| 84144075                 | 7,5 | 540 | 430 | 220 | 360 | 1   | 445,00               |
| 84144100                 | 10  | 580 | 460 | 230 | 390 | 1   | 700,00               |
| 84144150                 | 15  | 665 | 530 | 260 | 440 | 1   | 850,00               |
| 84144200                 | 20  | 640 | 510 | 260 | 500 | 1   | 1200,00              |
| 84144300                 | 30  | 810 | 640 | 325 | 530 | 1   | 1450,00              |



**Klappdraggen, hochglanzpoliert / A4-AISI 316**  
Draggen anchor, highly polished / Grappin

**8376**

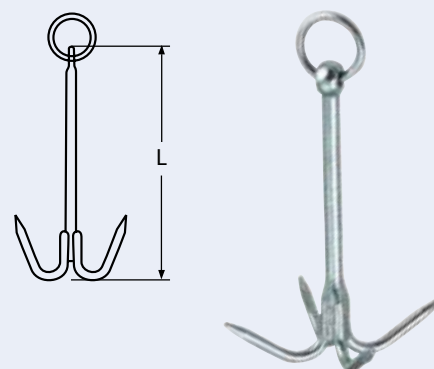
| Bestell-Nr.<br>Order no. | Kg  | L   | L1  | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|-----|----------------------|
| 8376415                  | 1,5 | 300 | 225 | 260 | 1   | 105,00               |
| 8376425                  | 2,5 | 335 | 270 | 290 | 1   | 160,00               |
| 8376440                  | 4   | 430 | 320 | 375 | 1   | 296,00               |



**Wurfanker / A4-AISI 316**  
Four flukes anchor / Grappin

**8530**

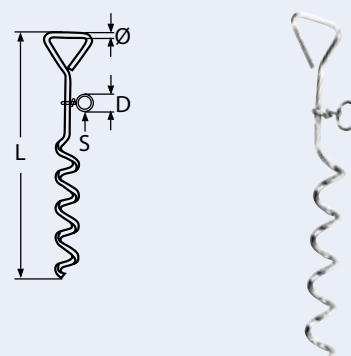
| Bestell-Nr.<br>Order no. | L   | Kg  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 85304200                 | 200 | 0,5 | 1   | 21,00                |
| 85304240                 | 240 | 1,0 | 1   | 43,00                |
| 85304315                 | 315 | 1,9 | 1   | 74,50                |
| 85304375                 | 375 | 3,0 | 1   | 112,00               |



**Bodenanker / A4-AISI 316**  
Bottom anchor / Ancre de rive

**8547**

| Bestell-Nr.<br>Order no. | L   | Ø | D  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|---|----|---|-----|----------------------|
| 85474420                 | 420 | 8 | 27 | 4 | 1   | 25,00                |

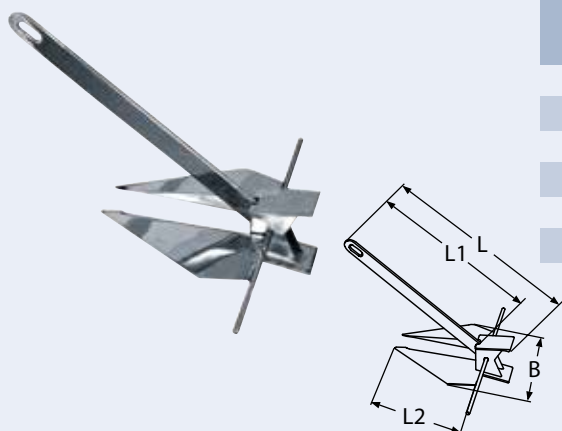




814072

## Anker Typ Danforth, hochglanzpoliert / A4-AISI 316

Anchor type Danforth, mirror polished / Ancre type Danforth

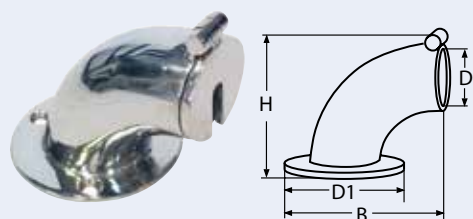


| Bestell-Nr.<br>Order no. | Kg | L     | L1  | L2  | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-------|-----|-----|-----|-----|----------------------|
| 814072407                | 7  | 630   | 530 | 315 | 320 | 1   | 530,00               |
| 814072410                | 10 | 710   | 590 | 430 | 340 | 1   | 750,00               |
| 814072412                | 12 | 780   | 660 | 420 | 390 | 1   | 800,00               |
| 814072415                | 15 | 760   | 650 | 450 | 380 | 1   | 920,00               |
| 814072420                | 20 | 1.030 | 700 | 510 | 475 | 1   | 1150,00              |
| 814072430                | 30 | 900   | 760 | 540 | 590 | 1   | 1500,00              |

8460

## Kettenklüse / A4-AISI 316

Deck pipe / Charnière



| Bestell-Nr.<br>Order no. | Ketten-Ø<br>Chain-Ø | D  | D1 | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|----|----|-----|-----|-----|----------------------|
| 8460406_08               | 6 - 8               | 60 | 95 | 105 | 110 | 1   | 61,00                |
| 8460410_13               | 10 - 13             | 60 | 95 | 130 | 110 | 1   | 70,00                |

814302

## Ankerkettenstopper / A4-AISI 316

Mooring device with anchor chain lock / Bloqueur de chaîne d'ancre

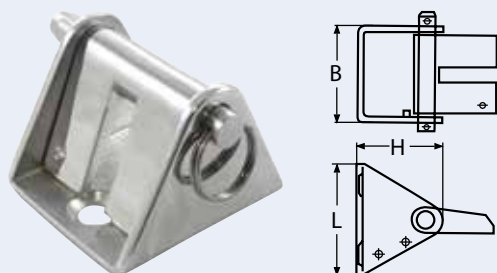


| Bestell-Nr.<br>Order no. | Für Kette-Ø<br>For chain-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------|-----|----------------------|
| 814302406_08             | 6 - 8                      | 1   | 27,00                |
| 814302410_12             | 10 - 13                    | 1   | 75,00                |

8506

## Kettenstopper / A4-AISI 316

Chain stopper / Bloqueur de chaîne



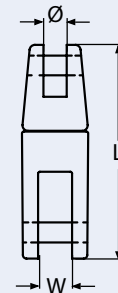
| Bestell-Nr.<br>Order no. | Ketten-Ø<br>Chain-Ø | L  | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|----|----|----|-----|----------------------|
| 8506408/10               | 8 + 10              | 80 | 70 | 60 | 1   | 53,00                |

**Power-Ankerwirbel / A4-AISI 316**

Power anchor connector / Jonction chaîne pour ancre

**8352**

| Bestell-Nr.<br>Order no. | L  | W  | Für Kette-Ø<br>For chain-Ø | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----------------------------|-------|-----|----------------------|
| 8352406_08               | 84 | 15 | 6 - 8                      | 4250  | 1   | 47,00                |
| 8352410_12               | 96 | 21 | 10 - 13                    | 6750  | 1   | 66,00                |

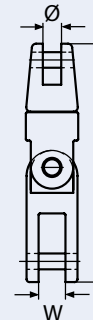


**Power-Ankerdoppelwirbel / A4-AISI 316**

Power anchor connector - double swivel / Double jonction de chaîne pour ancre

**8608**

| Bestell-Nr.<br>Order no. | L   | W  | Für Kette-Ø<br>For chain-Ø | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----------------------------|-------|-----|----------------------|
| 8608406/08               | 134 | 15 | 6 - 8                      | 4250  | 1   | 71,00                |
| 8608410/12               | 154 | 21 | 10 - 13                    | 6750  | 1   | 115,00               |

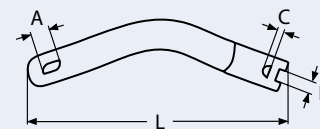


**Ankerwirbel / A4-AISI 316**

Anchor connector / Jonction pour ancras

**814652**

| Bestell-Nr.<br>Order no. | L   | A    | B    | C    | Für Kette-Ø<br>For Chain-Ø | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|------|------|----------------------------|-------|-----|----------------------|
| 814652406 08             | 220 | 20,5 | 11,1 | 9,3  | 6 - 8                      | 2850  | 1   | 100,00               |
| 814652408 10             | 290 | 27,5 | 13,5 | 11,7 | 8 - 10                     | 5680  | 1   | 240,00               |



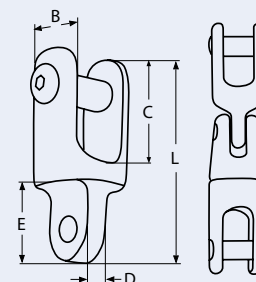
**Ankerwirbeladapter / A4-AISI 316**

Anchor connector adaptor / Adaptateur de jonction pour ancras

**814663**

| Bestell-Nr.<br>Order no. | L  | B  | C  | D | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|----|-----|----------------------|
| 814663467                | 67 | 16 | 37 | 8 | 25 | 1   | 33,00                |

Für Ankerwirbel Artikel 8352 406.08  
For anchor connector article 8352 406.08



# Ketten und Verbinder

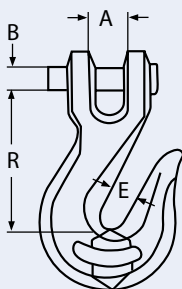
Chains and connectors

Chaînes, maillons rapides et jonctions

## 8388

### Kettenhaken, selbstklemmend / A4-AISI 316

Clavis grab hook / Croc de palan

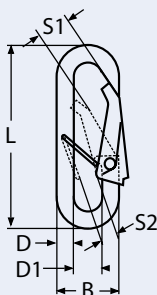


| Bestell-Nr.<br>Order no. | Für Kette<br>For chain | A  | E  | B  | R  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------------|----|----|----|----|-------|-----|----------------------|
| 8388406                  | 6                      | 11 | 9  | 9  | 46 | 2300  | 5   | 8,50                 |
| 8388408                  | 8                      | 13 | 11 | 11 | 54 | 3650  | 5   | 14,50                |
| 8388410                  | 10                     | 15 | 13 | 12 | 62 | 4640  | 5   | 19,00                |

## 8487

### Kettenkarabinerhaken / A2-AISI 304

Chain-catch-snap / Mousqueton inox

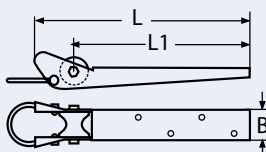


| Bestell-Nr.<br>Order no. | D | L  | B  | S1 | S2 | D1 | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|----|----|----|-------|-----|----------------------|
| 848728_81                | 8 | 81 | 28 | 11 | 9  | 15 | 280   | 5   | 10,50                |

## 8560

### Bugrolle / A4-AISI 316

Bow roller / Davier fixe

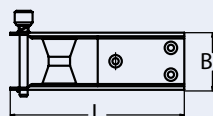
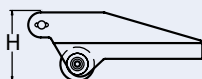


| Bestell-Nr.<br>Order no. | L   | L1  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|-----|----------------------|
| 85604500                 | 500 | 410 | 70 | 1   | 220,00               |

## 8595

### Ankerrolle mit Bolzen / A2-AISI 304

Anchor roller with pin / Davier avec verrouillage

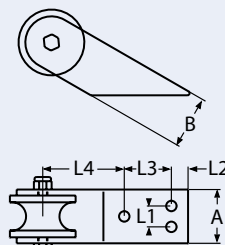


| Bestell-Nr.<br>Order no. | L   | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|----------------------|
| 85952200                 | 200 | 60 | 80 | 1   | 60,00                |
| 85952250                 | 250 | 60 | 80 | 1   | 72,00                |

**Bugrolle / A2-AISI 304**  
Bow roller / Davier simple

8566

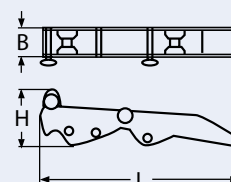
| Bestell-Nr.<br>Order no. | A  | B  | L1 | L2 | L3 | L4 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|----|----|-----|----------------------|
| 8566250                  | 50 | 52 | 20 | 17 | 62 | 50 | 1   | 32,00                |



**Bugrolle mit Wippe / A4-AISI 316**  
Bow roller with rocker plate / Davier à bascule

814091

| Bestell-Nr.<br>Order no. | L   | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|----------------------|
| 8140914380               | 325 | 56 | 95 | 1   | 110,90               |

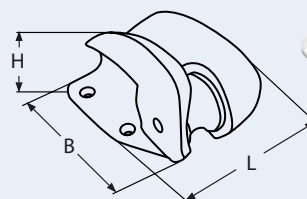


**NEW**

**Klüse für Winch, Kette oder Seil / A4-AISI 316**  
Fairlead for winchless, chain or rope / Chaumard à galet

814769

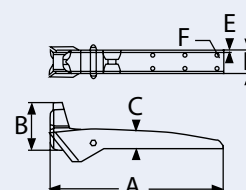
| Bestell-Nr.<br>Order no. | L   | B  | H  | Für Kette<br>For chain | Für Seil<br>For rope | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------------------------|----------------------|-----|----------------------|
| 8147694130               | 130 | 85 | 75 | 6-8                    | max. 14              | 1   | 78,00                |



**Bugrolle mit Wippe / A2-AISI 304**  
Bow roller with rocker plate / Davier à bascule

814084

| Bestell-Nr.<br>Order no. | A   | B   | C  | D  | E   | F | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|----|-----|---|-----|----------------------|
| 8140842432               | 432 | 150 | 66 | 77 | 3,5 | 9 | 1   | 355,00               |
| 8140842577               | 577 | 160 | 66 | 77 | 3,5 | 9 | 1   | 425,00               |



# Ketten und Verbinder

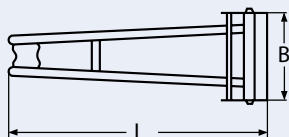
Chains and connectors

Chaînes, maillons rapides et jonctions

**814386**

## Heckankerausleger / A4-AISI 316

Stern anchor outrigger / Support d'ancre

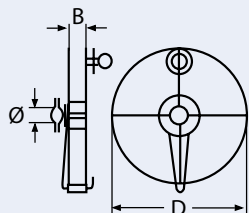
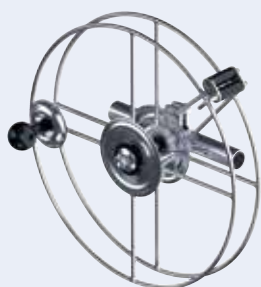


| Bestell-Nr.<br>Order no. | L   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 8143864535               | 535 | 150 | 1   | 210,00               |

**8551**

## Ankergurtbandrolle mit Gurt / A4-AISI 316

Flat line spool with nylon webbing / Enrouleur de sangles

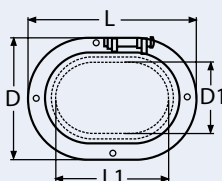


| Bestell-Nr.<br>Order no. | D   | Für Rohr-Ø<br>For tube-Ø | B  | Gurtbreite<br>Strap width | Gurtlänge<br>Strap length | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|--------------------------|----|---------------------------|---------------------------|-----|----------------------|
| 85514340                 | 340 | 22 - 25                  | 37 | 35                        | 30m                       | 1   | 310,00               |
| 85514430                 | 430 | 22 - 25                  | 37 | 35                        | 50m                       | 1   | 415,00               |

**8308**

## Tau- und Kettendurchlass (Klüse) / A4-AISI 316

Rope/deck pipe / Ecubier

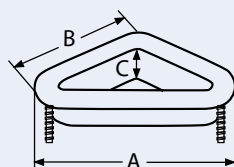


| Bestell-Nr.<br>Order no. | L   | D   | L1 | D1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|----|-----|----------------------|
| 83084140_100             | 140 | 100 | 95 | 60 | 1   | 75,00                |

**8889**

## Klüse, dreieckig / A4-AISI 316

Hawse pipe, triangular / Tête de tuyau rectangulaire

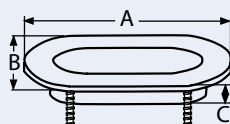


| Bestell-Nr.<br>Order no. | A   | B   | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|-----|----------------------|
| 88894180                 | 180 | 150 | 49 | 1   | 70,00                |

**8890**

## Klüse, oval / A4-AISI 316

Hawse pipe, oval / Tête de tuyau ovale



| Bestell-Nr.<br>Order no. | A   | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|----------------------|
| 88904138                 | 138 | 63 | 25 | 1   | 45,00                |
| 88904145                 | 145 | 97 | 32 | 1   | 65,00                |



## Kapitel 6

### Chapter 6

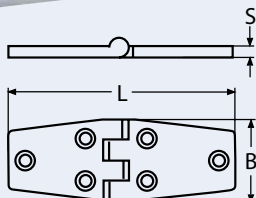
## Scharniere, Griffe, Haken und Ringe

### Hinges, handles, hooks and rings



**8231****Scharnier / A4-AISI 316**

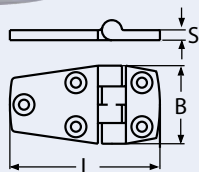
Door hinge / Charnière



| Bestell-Nr.<br>Order no. | L   | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|---|-----|----------------------|
| 82314076                 | 76  | 38 | 4 | 5   | 7,00                 |
| 82314100                 | 100 | 38 | 4 | 5   | 8,70                 |

**8234****Scharnier / A4-AISI 316**

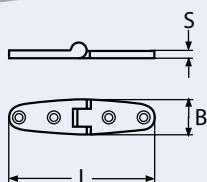
Door hinge / Charnière



| Bestell-Nr.<br>Order no. | L  | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|-----|----------------------|
| 8234456_38               | 56 | 38 | 4 | 5   | 6,30                 |
| 8234476_38               | 76 | 38 | 4 | 5   | 7,80                 |

**8235****Scharnier / A4-AISI 316**

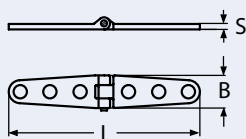
Strap hinge / Charnière



| Bestell-Nr.<br>Order no. | L   | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|---|-----|----------------------|
| 82354100_25              | 100 | 25 | 4 | 5   | 6,80                 |

**8236****Scharnier / A4-AISI 316**

Strap hinge / Charnière



| Bestell-Nr.<br>Order no. | L   | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|---|-----|----------------------|
| 82364160_27              | 160 | 27 | 4 | 5   | 11,00                |



# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

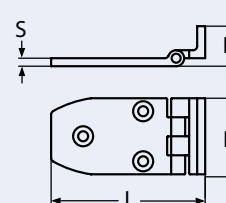
6

## Scharnier / A4-AISI 316

Offset hinge / Charnière déportée

8237

| Bestell-Nr.<br>Order no. | L  | B  | S | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|----|-----|----------------------|
| 8237456_38               | 52 | 38 | 4 | 20 | 5   | 9,00                 |
| 8237470_38               | 68 | 38 | 4 | 20 | 5   | 12,30                |

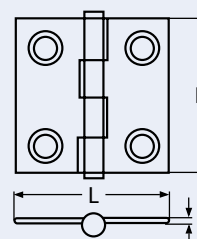


## Scharnier / A4-AISI 316

Butt hinge / Charnière

8233

| Bestell-Nr.<br>Order no. | L  | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|-----|----------------------|
| 8233438_38               | 38 | 38 | 4 | 5   | 6,00                 |
| 8233450_50               | 50 | 50 | 4 | 5   | 7,20                 |

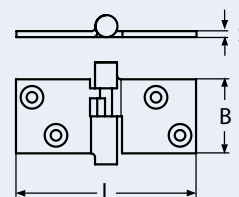


## Motorhauben-Scharnier / A4-AISI 316

Take-apart motor box hinge / Charnière démontable

8239

| Bestell-Nr.<br>Order no. | L  | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|-----|----------------------|
| 8239490_38               | 90 | 38 | 3 | 5   | 11,60                |

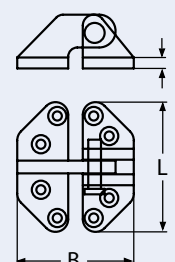


## Scharnier / A4-AISI 316

Hatch hinge, standard / Charnière articulée

8238

| Bestell-Nr.<br>Order no. | L  | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|-----|----------------------|
| 8238474_65               | 74 | 65 | 6 | 2   | 22,00                |



# Scharniere, Griffe, Haken und Ringe

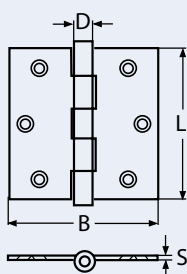
Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8514**

## Scharnier, schwere Ausführung / A2-AISI 304

Hinge, heavy duty / Charnière lourde inox

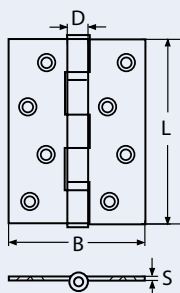


| Bestell-Nr.<br>Order no. | D  | L  | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 8514275_75               | 10 | 75 | 75 | 2 | 5   | 12,60                |

**8513**

## Scharnier, schwere Ausführung - Lagerringe / A2-AISI 304

Hinge, heavy duty / Charnière lourde inox

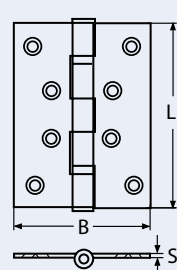


| Bestell-Nr.<br>Order no. | D  | L   | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|-----|-----|----------------------|
| 85132100_75              | 11 | 100 | 75 | 2,5 | 5   | 15,90                |

**814045**

## Scharnier, schwere Ausführung / A4-AISI 316

Hinge, heavy duty / Charnière lourde

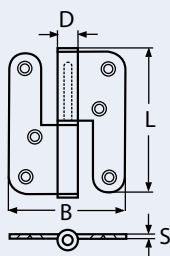


| Bestell-Nr.<br>Order no. | L   | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|---|-----|----------------------|
| 8140454100_96            | 100 | 96 | 3 | 2   | 36,00                |

**8512**

## Zweiteiliges Türscharnier, rechts oder links / A2-AISI 304

Two-part door hinge, right or left / Paumelle inox



| Bestell-Nr.<br>Order no. |        | D  | L   | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|----|-----|----|---|-----|----------------------|
| 85122100_80RE            | Rechts | 14 | 100 | 80 | 3 | 2   | 19,50                |
|                          | Right  |    |     |    |   |     |                      |
| 85122100_80LI            | Links  | 14 | 100 | 80 | 3 | 2   | 19,50                |
|                          | Left   |    |     |    |   |     |                      |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

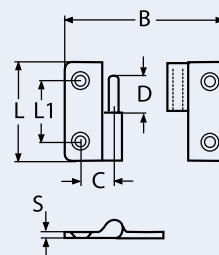
# 6

## Scharnier, zweiteilig, rechts oder links / A4-AISI 316

Two-part hinge right or left / Paumelle inox

### 814033

| Bestell-Nr.<br>Order no. | L         | B  | S   | L1 | C    | D    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------|----|-----|----|------|------|-----|----------------------|
| 814033437_37RE           | Rechts 37 | 37 | 2,6 | 23 | 12,5 | 13,5 | 5   | 10,00                |
|                          | Right     |    |     |    |      |      |     |                      |
| 814033437_37LI           | Links 37  | 37 | 2,6 | 23 | 12,5 | 13,5 | 5   | 10,00                |
|                          | Left      |    |     |    |      |      |     |                      |



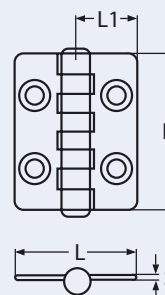
## NEW

## Scharnier / A2-AISI 304

Hinge / Charnière

### 814796

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|-----|----------------------|
| 814796230_40             | 30 | 15 | 40 | 1,5 | 5   | 2,10                 |



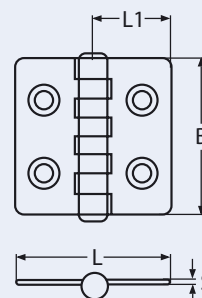
## NEW

## Scharnier / A2-AISI 304

Hinge / Charnière

### 814797

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|-----|----------------------|
| 814797240_40             | 40 | 20 | 40 | 1,5 | 5   | 2,30                 |



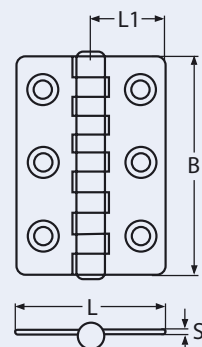
## NEW

## Scharnier / A2-AISI 304

Hinge / Charnière

### 814798

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|-----|----------------------|
| 814798240_60             | 40 | 20 | 60 | 1,5 | 5   | 2,70                 |





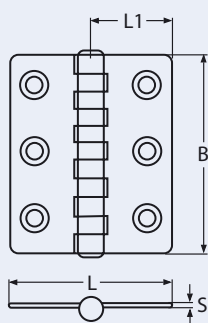
# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**814799**
**Scharnier / A2-AISI 304**

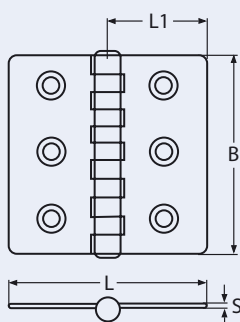
Hinge / Charnière

**NEW**


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|-----|----------------------|
| 814799250_60             | 50 | 25 | 60 | 1,5 | 5   | 3,20                 |

**814800**
**Scharnier / A2-AISI 304**

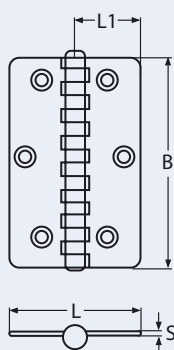
Hinge / Charnière

**NEW**


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|-----|----------------------|
| 814800260_60             | 60 | 30 | 60 | 1,5 | 5   | 2,90                 |

**814801**
**Scharnier / A2-AISI 304**

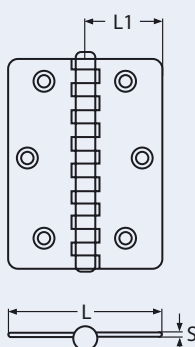
Hinge / Charnière

**NEW**


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|-----|----------------------|
| 814801250_80             | 50 | 25 | 80 | 1,5 | 5   | 3,30                 |

**814802**
**Scharnier / A2-AISI 304**

Hinge / Charnière

**NEW**


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|-----|----------------------|
| 814802260_80             | 60 | 30 | 80 | 1,5 | 5   | 3,80                 |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

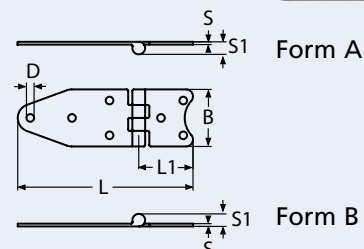
6

Scharnier / A2-AISI 304

Hinge / Charnière découpée

8429

| Bestell-Nr.<br>Order no. | Form<br>Design | L   | B  | L1 | S | D | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------|-----|----|----|---|---|----|-----|----------------------|
| 84292129_40A             | A              | 129 | 40 | 38 | 2 | 5 | 9  | 5   | 12,50                |
| 84292129_40B             | B              | 129 | 40 | 38 | 2 | 5 | 9  | 5   | 12,50                |

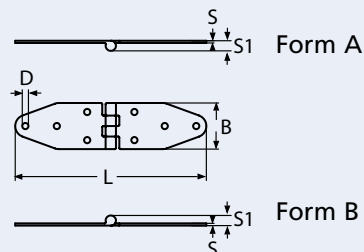


Scharnier / A2-AISI 304

Hinge / Charnière découpée

8430

| Bestell-Nr.<br>Order no. | Form<br>Design | L   | B  | D | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------|-----|----|---|---|----|-----|----------------------|
| 84302180_40A             | A              | 180 | 40 | 5 | 2 | 9  | 5   | 10,60                |
| 84302180_40B             | B              | 180 | 40 | 5 | 2 | 9  | 5   | 12,50                |

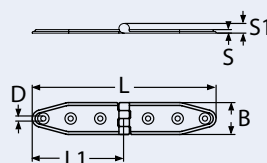


Scharnier / A2-AISI 304

Hinge / Charnière

8573

| Bestell-Nr.<br>Order no. | L   | L1 | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|---|----|-----|----------------------|
| 85732160_28              | 160 | 80 | 28 | 5,2 | 3 | 8  | 5   | 7,20                 |

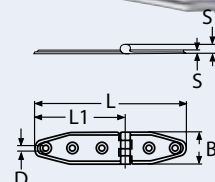


Scharnier / A2-AISI 304

Hinge / Charnière

8574

| Bestell-Nr.<br>Order no. | L   | L1 | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|---|----|-----|----------------------|
| 85742133_28              | 133 | 80 | 28 | 5,2 | 3 | 8  | 5   | 6,50                 |



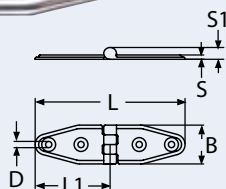
# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8575**
**Scharnier / A2-AISI 304**

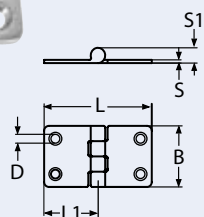
Hinge / Charnière



| Bestell-Nr.<br>Order no. | L   | L1 | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|---|----|-----|----------------------|
| 85752105_28              | 105 | 53 | 28 | 5,2 | 3 | 8  | 5   | 5,20                 |

**8569**
**Scharnier / A2-AISI 304**

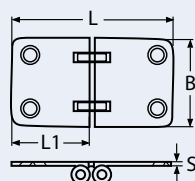
Hinge / Charnière



| Bestell-Nr.<br>Order no. | L  | L1 | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|---|----|-----|----------------------|
| 8569238_38               | 38 | 19 | 38 | 5,5 | 2 | 9  | 5   | 7,40                 |
| 8569268_38               | 68 | 34 | 38 | 5,5 | 2 | 9  | 5   | 9,50                 |

**814158**
**Scharnier / A2-AISI 304**

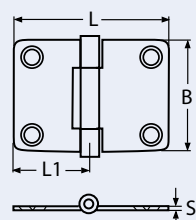
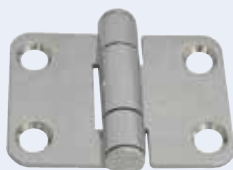
Hinge / Charnière



| Bestell-Nr.<br>Order no. | L  | L1   | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|---|-----|----------------------|
| 814158271_40             | 71 | 35,5 | 40 | 2 | 5   | 14,50                |

**814159**
**Scharnier / A2-AISI 304**

Hinge / Charnière



| Bestell-Nr.<br>Order no. | L  | L1   | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|---|-----|----------------------|
| 814159249_37             | 49 | 24,5 | 37 | 2 | 5   | 12,30                |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

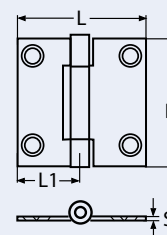
6

Scharnier / A2-AISI 304

Hinge / Charnière

814160

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 814160250_50             | 50 | 25 | 50 | 2 | 5   | 11,80                |

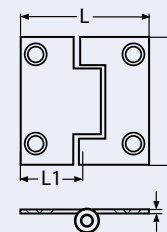


Scharnier / A2-AISI 304

Hinge / Charnière

814161

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 814161250_50             | 50 | 25 | 50 | 2 | 5   | 8,60                 |

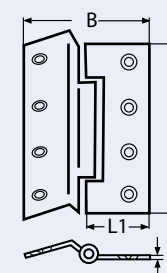


Scharnier / A2-AISI 304

Hinge / Charnière déportée

814162

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|-----|----------------------|
| 8141624152_76            | 152 | 22 | 76 | 3 | 1   | 55,00                |

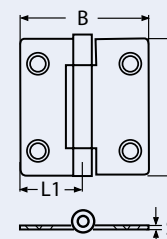


Scharnier / A4-AISI 316

Hinge / Charnière

814163

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 814163475_70             | 75 | 35 | 70 | 3 | 2   | 28,70                |



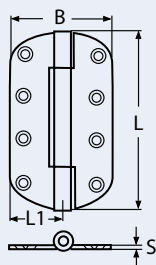
# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**814164**
**Scharnier / A4-AISI 316**

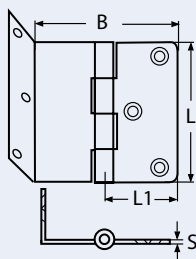
Hinge / Charnière



| Bestell-Nr.<br>Order no. | L   | L1   | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|----|-----|-----|----------------------|
| 8141644152_71            | 152 | 35,5 | 71 | 3,5 | 2   | 47,00                |

**814165**
**Scharnier / A4-AISI 316**

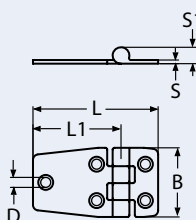
Hinge / Charnière déportée



| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|-----|----------------------|
| 8141654100_102           | 100 | 33 | 87 | 3 | 1   | 60,00                |

**8568**
**Scharnier / A2-AISI 304**

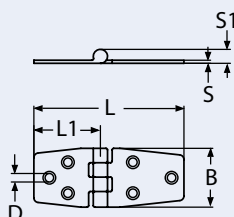
Hinge / Charnière



| Bestell-Nr.<br>Order no. | L  | L1 | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|---|----|-----|----------------------|
| 8568258_38               | 58 | 40 | 38 | 5,5 | 2 | 9  | 5   | 10,50                |
| 8568268_38               | 68 | 49 | 38 | 5,5 | 2 | 9  | 5   | 11,50                |

**8578**
**Scharnier / A2-AISI 304**

Hinge / Charnière



| Bestell-Nr.<br>Order no. | L  | L1 | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|---|----|-----|----------------------|
| 8578287_38               | 87 | 38 | 38 | 5,5 | 2 | 9  | 5   | 11,00                |
| 8578297_38               | 97 | 40 | 38 | 5,5 | 2 | 9  | 5   | 12,00                |



# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

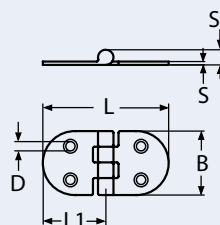
# 6

Scharnier / A2-AISI 304

Hinge / Charnière

## 8572

| Bestell-Nr.<br>Order no. | L  | L1   | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|-----|---|----|-----|----------------------|
| 8572275_38               | 75 | 37,5 | 38 | 5,5 | 2 | 9  | 5   | 10,20                |

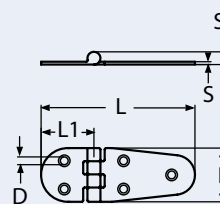


Scharnier / A2-AISI 304

Hinge / Charnière

## 8571

| Bestell-Nr.<br>Order no. | L   | L1 | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|---|----|-----|----------------------|
| 85712110_38              | 110 | 38 | 38 | 5,5 | 2 | 9  | 5   | 11,30                |

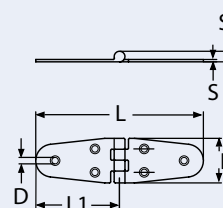


Scharnier / A2-AISI 304

Hinge / Charnière

## 8570

| Bestell-Nr.<br>Order no. | L   | L1   | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|----|-----|---|----|-----|----------------------|
| 85702145_38              | 145 | 72,5 | 38 | 5,5 | 2 | 9  | 5   | 11,40                |

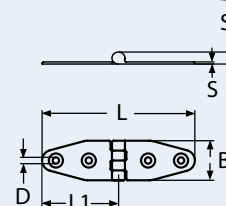


Scharnier / A2-AISI 304

Hinge / Charnière

## 8576

| Bestell-Nr.<br>Order no. | L   | L1 | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|---|----|-----|----------------------|
| 85762100_28              | 100 | 50 | 28 | 5,5 | 2 | 9  | 5   | 9,30                 |



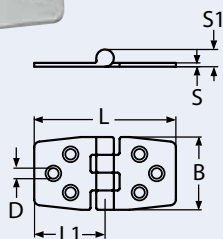
# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8577**
**Scharnier / A2-AISI 304**

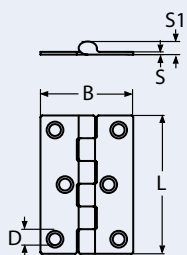
Hinge / Charnière



| Bestell-Nr.<br>Order no. | L  | L1   | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|-----|---|----|-----|----------------------|
| 8577275_38               | 75 | 37,5 | 38 | 5,5 | 2 | 9  | 5   | 8,10                 |
| 8577297_38               | 97 | 48,5 | 38 | 5,5 | 2 | 9  | 5   | 10,20                |

**8567**
**Scharnier / A2-AISI 304**

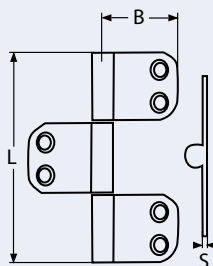
Hinge / Charnière



| Bestell-Nr.<br>Order no. | L   | B  | D   | S   | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|-----|----|-----|----------------------|
| 85672050_35              | 50  | 35 | 3,3 | 1,7 | 8  | 5   | 7,00                 |
| 85672062_40              | 62  | 40 | 3,3 | 1,7 | 8  | 5   | 10,30                |
| 85672075_48              | 75  | 48 | 5,5 | 1,7 | 8  | 5   | 13,50                |
| 85672100_54              | 100 | 54 | 6,6 | 1,7 | 8  | 5   | 15,00                |

**8896**
**Scharnier / A4-AISI 316**

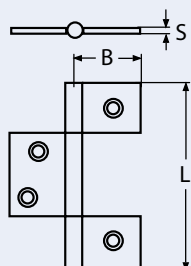
Hinge / Charnière triple



| Bestell-Nr.<br>Order no. | L  | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|-----|----------------------|
| 8896498_37               | 98 | 37 | 1,5 | 1   | 25,80                |

**8859**
**Anschweißscharnier / A2-AISI 304**

Weld-on hinge / Charnière triple à souder



| Bestell-Nr.<br>Order no. | L  | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|-----|----------------------|
| 8859285                  | 85 | 30 | 1,5 | 5   | 8,40                 |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

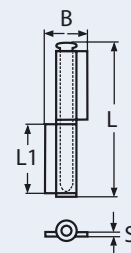
6

**NEW**

## Anschweißscharnier mit herausnehmbaren Bolzen mit 2 Flügeln / A2-AISI 304

Weld-on hinge with removable pin with 2 leaves / Paumelle à souder (en 2 parties)

| Bestell-Nr.<br>Order no. | L   | L1 | B    | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|-----|----------------------|
| 8147502060               | 60  | 27 | 14,5 | 2   | 5   | 3,60                 |
| 8147502080               | 80  | 37 | 14,5 | 2   | 5   | 4,30                 |
| 8147502100               | 100 | 46 | 18,5 | 2   | 2   | 6,50                 |
| 8147502120               | 120 | 55 | 18,5 | 2   | 2   | 8,80                 |
| 8147502140               | 140 | 65 | 20,5 | 2,5 | 2   | 12,10                |



**814750**

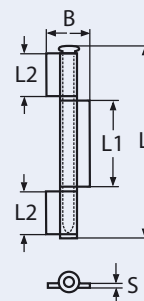


**NEW**

## Anschweißscharnier mit herausnehmbaren Bolzen mit 3 Flügeln / A2-AISI 304

Weld-on hinge with removable pin with 3 leaves / Paumelle à souder (en 3 parties)

| Bestell-Nr.<br>Order no. | L   | L1 | L2   | B    | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|------|-----|-----|----------------------|
| 8147512100               | 100 | 46 | 22   | 18,5 | 2   | 5   | 6,90                 |
| 8147512120               | 120 | 55 | 27   | 18,5 | 2   | 5   | 9,90                 |
| 8147512140               | 140 | 65 | 32,5 | 20,5 | 2,5 | 2   | 14,20                |



**814751**

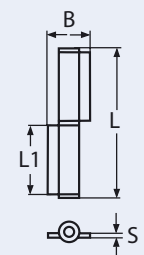


**NEW**

## Anschweißscharnier 2-teilig / A2-AISI 304

1 part weld-on hinge / Paumelle à souder (en 2 parties)

| Bestell-Nr.<br>Order no. | L   | L1 | B    | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|-----|----------------------|
| 8147522066               | 66  | 27 | 16   | 2   | 5   | 4,10                 |
| 8147522100               | 100 | 46 | 18,5 | 2   | 5   | 6,50                 |
| 8147522120               | 120 | 55 | 18,8 | 2   | 2   | 8,70                 |
| 8147522140               | 140 | 65 | 20,5 | 2,5 | 2   | 11,50                |



**814752**

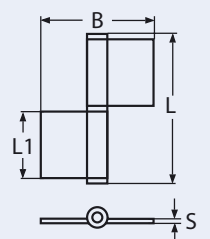


**NEW**

## Anschweißscharnier mit 2 Flügeln / A2-AISI 304

Weld-on hinge with 2 leaves / Paumelle à souder (en 2 parties)

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|-----|----------------------|
| 8147532075_30            | 75  | 30 | 56 | 2,5 | 2   | 6,80                 |
| 8147532093_40            | 93  | 40 | 71 | 2,5 | 2   | 8,30                 |
| 8147532115_50            | 115 | 50 | 80 | 3   | 2   | 13,30                |
| 8147532135_60            | 135 | 60 | 80 | 3   | 2   | 13,80                |



**814753**





# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

6

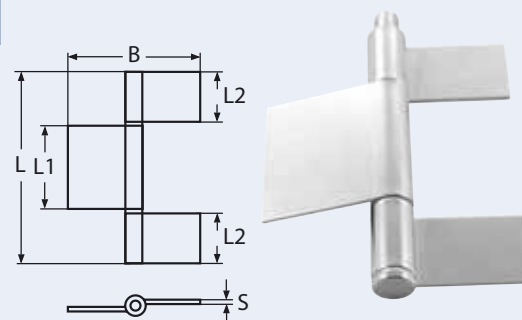
**NEW**

## Anschweißscharnier mit 3 Flügeln / A2-AISI 304

Weld-on hinge with 3 leaves / Paumelle à souder (en 3 parties)

**814754**

| Bestell-Nr.<br>Order no. | L   | L1 | L2 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|---|-----|----------------------|
| 8147542118               | 118 | 27 | 50 | 88 | 2 | 2   | 10,60                |

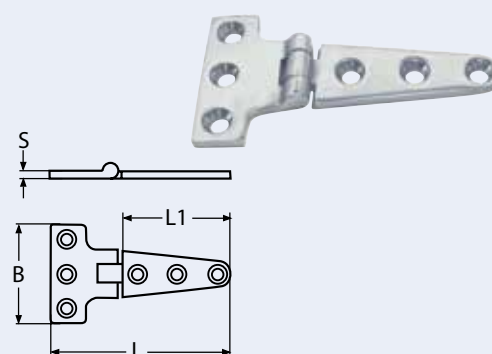


## Scharnier / A4-AISI 316

T-strap hinge / Charnière en T

**8858**

| Bestell-Nr.<br>Order no. | L   | L1  | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|---|-----|----------------------|
| 88584100_54              | 100 | 60  | 54 | 4 | 1   | 12,50                |
| 88584152_75              | 152 | 110 | 75 | 4 | 1   | 16,00                |
| 88584197_98              | 197 | 140 | 98 | 5 | 1   | 24,40                |

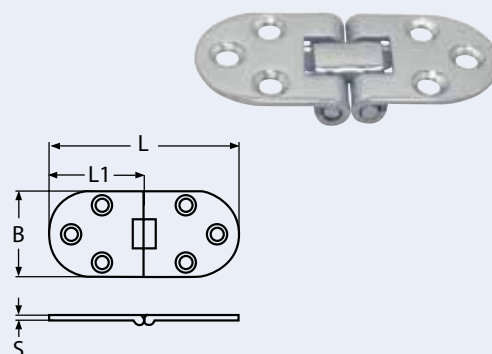


## Scharnier / A4-AISI 316

Hinge / Charnière

**8897**

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 8897466_30               | 66 | 33 | 30 | 2 | 5   | 9,60                 |

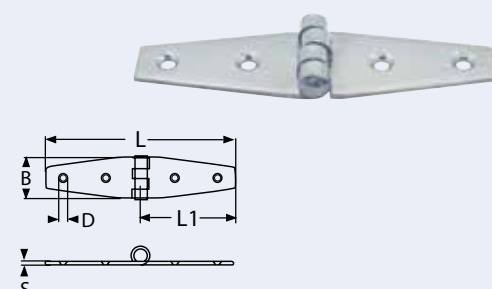


## Scharnier / A2-AISI 304

Hinge / Charnière

**8900**

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|-----|-----|----------------------|
| 89002102_27              | 102 | 51 | 27 | 2 | 3,8 | 5   | 6,20                 |





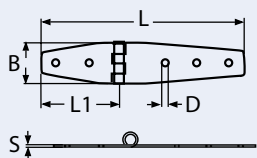
# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8981**
**Scharnier / A2-AISI 304**

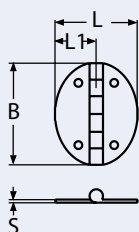
Hinge / Charnière



| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|-----|-----|----------------------|
| 89812135_27              | 135 | 50 | 27 | 2 | 3,8 | 5   | 8,40                 |

**8901**
**Scharnier / A2-AISI 304**

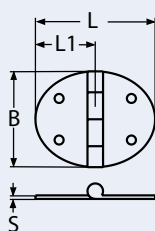
Hinge / Charnière



| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 8901278_56               | 56 | 28 | 78 | 2 | 5   | 6,50                 |

**8902**
**Scharnier / A2-AISI 304**

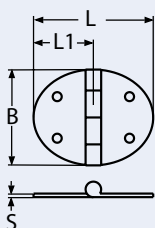
Hinge / Charnière



| Bestell-Nr.<br>Order no. | L  | L1   | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|---|-----|----------------------|
| 8902267_48               | 67 | 36,5 | 48 | 2 | 5   | 11,50                |

**8903**
**Scharnier / A2-AISI 304**

Hinge / Charnière



| Bestell-Nr.<br>Order no. | L  | L1   | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|---|-----|----------------------|
| 8903251_35               | 51 | 25,5 | 35 | 2 | 5   | 4,00                 |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

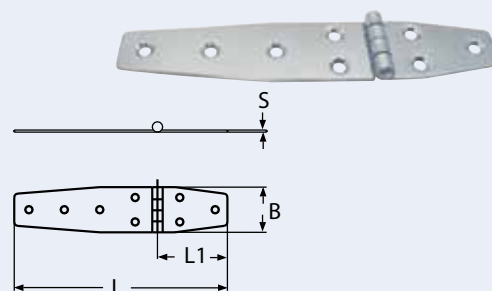
6

## Scharnier / A2-AISI 304

Hinge / Charnière

8982

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|-----|----------------------|
| 89822180_38              | 180 | 60 | 38 | 2 | 5   | 12,00                |

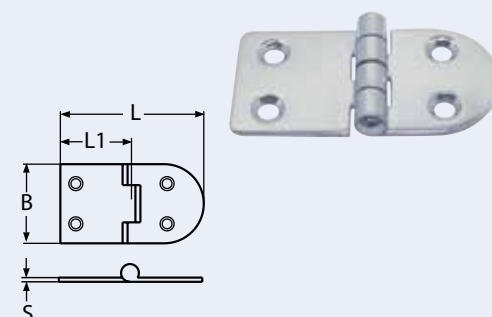


## Scharnier / A2-AISI 304

Hinge / Charnière

8904

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 8904270_38               | 70 | 35 | 38 | 2 | 5   | 6,60                 |

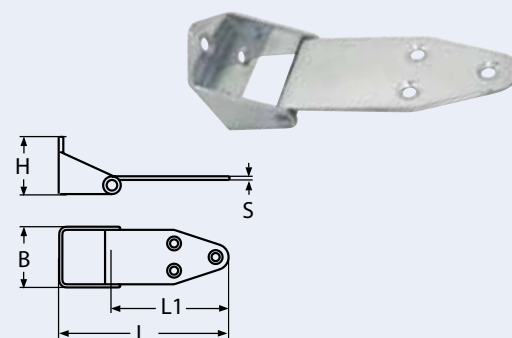


## Scharnier / A2-AISI 304

Hinge / Charnière

8905

| Bestell-Nr.<br>Order no. | L   | L1 | B  | H  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|-----|-----|----------------------|
| 89052127_47              | 127 | 98 | 47 | 41 | 2,5 | 2   | 18,00                |

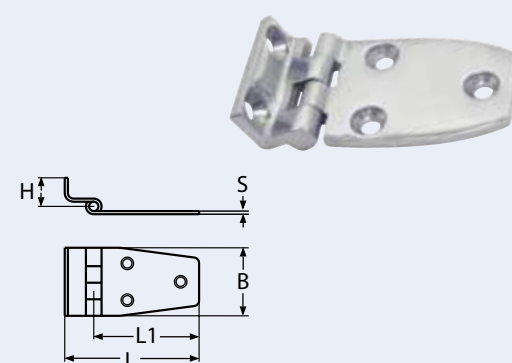


## Scharnier / A2-AISI 304

Hinge / Charnière

8906

| Bestell-Nr.<br>Order no. | L  | L1 | B  | H  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|---|-----|----------------------|
| 8906265_3821             | 65 | 50 | 38 | 19 | 2 | 5   | 8,40                 |
| 8906265_3835             | 76 | 50 | 38 | 20 | 2 | 5   | 9,00                 |



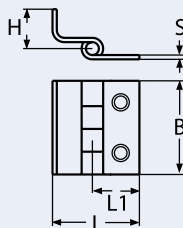
# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8952**
**Scharnier / A2-AISI 304**

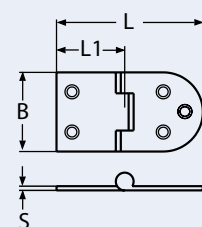
Hinge / Charnière



| Bestell-Nr.<br>Order no. | L  | L1 | B  | H  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|---|-----|----------------------|
| 8952235_38               | 35 | 15 | 38 | 20 | 2 | 5   | 7,90                 |

**8910**
**Scharnier, Guss / A4-AISI 316**

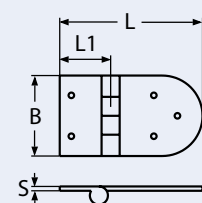
Hinge, cast / Charnière, coulée



| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 8910476_40               | 76 | 30 | 40 | 4 | 2   | 11,60                |

**8911**
**Scharnier mit Gewinde, Guss / A4-AISI 316**

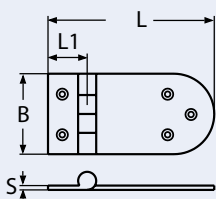
Hinge with thread, cast / Charnière avec filetage, coulée



| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Gewindelänge<br>Length of thread | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|----------------------------------|----|-----|----------------------|
| 8911476_40               | 76 | 30 | 40 | 4 | 45                               | M6 | 2   | 22,50                |

**8912**
**Scharnier, Guss / A4-AISI 316**

Hinge, cast / Charnière, coulée



| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|-----|----------------------|
| 89124134_65              | 134 | 21 | 65 | 4 | 2   | 19,80                |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

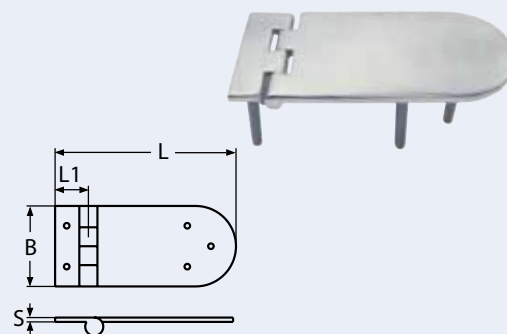
6

## Scharnier mit Gewinde, Guss / A4-AISI 316

Hinge with thread, cast / Charnière avec filetage, coulée

8913

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Gewindelänge<br>Length of thread | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|----------------------------------|----|-----|----------------------|
| 89134134_65              | 134 | 21 | 65 | 4 | 45                               | M6 | 2   | 26,90                |

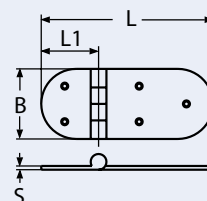


## Scharnier, Guss / A4-AISI 316

Hinge, cast / Charnière, coulée

8914

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|-----|----------------------|
| 89144146_65              | 146 | 51 | 65 | 4 | 2   | 24,80                |

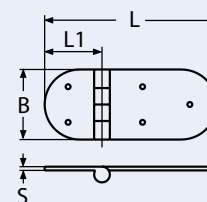


## Scharnier mit Gewinde, Guss / A4-AISI 316

Hinge with thread, cast / Charnière avec filetage, coulée

8915

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Gewindelänge<br>Length of thread | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|----------------------------------|----|-----|----------------------|
| 89154146_65              | 146 | 51 | 65 | 4 | 45                               | M6 | 2   | 34,60                |

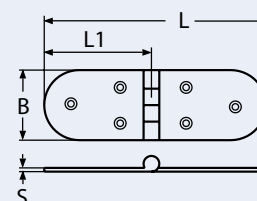


## Scharnier, Guss / A4-AISI 316

Hinge, cast / Charnière, coulée

814125

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|-----|----------------------|
| 8141254190_95            | 190 | 95 | 65 | 4 | 2   | 35,00                |



# Scharniere, Griffe, Haken und Ringe

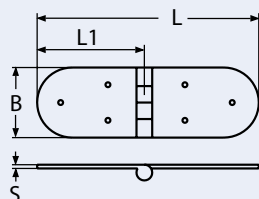
Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8917**

## Scharnier mit Gewinde, Guss / A4-AISI 316

Hinge with thread, cast / Charnière avec filetage, coulée

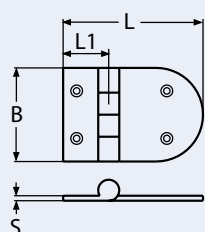


| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Gewindelänge<br>Length of thread | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|----------------------------------|----|-----|----------------------|
| 89174190_65              | 190 | 95 | 65 | 4 | 45                               | M6 | 2   | 48,50                |

**8918**

## Scharnier, Guss / A4-AISI 316

Hinge, cast / Charnière, coulée

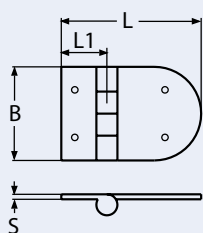


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 8918483_65               | 83 | 32 | 65 | 4 | 2   | 14,50                |

**8919**

## Scharnier mit Gewinde, Guss / A4-AISI 316

Hinge with thread, cast / Charnière avec filetage, coulée

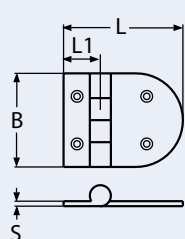


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Gewindelänge<br>Length of thread | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|----------------------------------|----|-----|----------------------|
| 8919483_65               | 83 | 32 | 65 | 4 | 45                               | M6 | 2   | 21,70                |

**8920**

## Scharnier, Guss / A4-AISI 316

Hinge, cast / Charnière, coulée



| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 8920472_65               | 72 | 21 | 65 | 4 | 2   | 14,00                |



# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

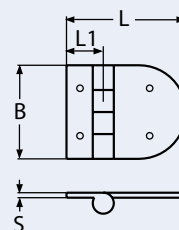
6

## Scharnier mit Gewinde, Guss / A4-AISI 316

Hinge with thread, cast / Charnière avec filetage, coulée

8921

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Gewindelänge<br>Length of thread | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|----------------------------------|----|-----|----------------------|
| 8921472_65               | 72 | 21 | 65 | 4 | 45                               | M6 | 2   | 18,70                |

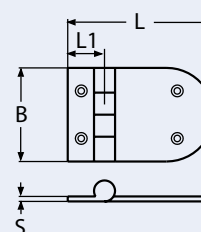


## Scharnier, Guss / A4-AISI 316

Hinge, cast / Charnière, coulée

8922

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|-----|----------------------|
| 89224103_65              | 103 | 21 | 65 | 4 | 2   | 17,50                |

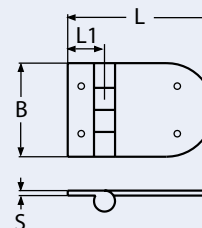


## Scharnier mit Gewinde, Guss / A4-AISI 316

Hinge with thread, cast / Charnière avec filetage, coulée

8923

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Gewindelänge<br>Length of thread | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|----------------------------------|----|-----|----------------------|
| 89234103_65              | 103 | 21 | 65 | 4 | 45                               | M6 | 2   | 22,60                |

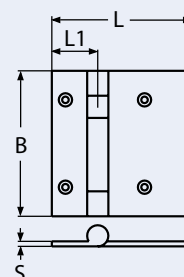


## Scharnier, Guss / A4-AISI 316

Hinge, cast / Charnière, coulée

8924

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 8924452_61               | 52 | 19 | 61 | 4 | 2   | 11,60                |



# Scharniere, Griffe, Haken und Ringe

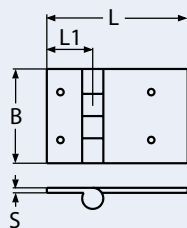
Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8925**

## Scharnier mit Gewinde, Guss / A4-AISI 316

Hinge with thread, cast / Charnière avec filetage, coulée

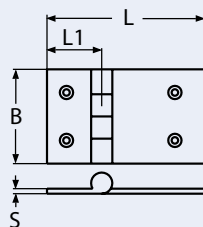


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Gewindelänge<br>Length of thread | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|----------------------------------|----|-----|----------------------|
| 8925452_61               | 52 | 19 | 61 | 4 | 45                               | M6 | 2   | 20,40                |

**8926**

## Scharnier, Guss / A4-AISI 316

Hinge, cast / Charnière, coulée

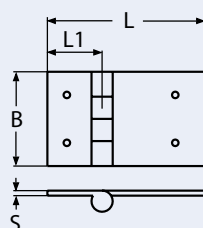


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 8926480_65               | 80 | 33 | 65 | 4 | 2   | 14,70                |

**8927**

## Scharnier mit Gewinde, Guss / A4-AISI 316

Hinge with thread, cast / Charnière avec filetage, coulée

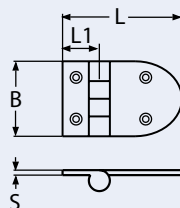


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Gewindelänge<br>Length of thread | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|----------------------------------|----|-----|----------------------|
| 8927480_65               | 80 | 33 | 65 | 4 | 45                               | M6 | 2   | 26,50                |

**8928**

## Scharnier, Guss / A4-AISI 316

Hinge, cast / Charnière, coulée



| Bestell-Nr.<br>Order no. | L  | L1 | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|-----|----------------------|
| 8928470_40               | 70 | 30 | 40 | 3,5 | 2   | 10,00                |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

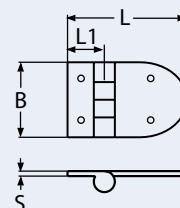
6

## Scharnier mit Gewinde, Guss / A4-AISI 316

Hinge with thread, cast / Charnière avec filetage, coulée

8929

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S   | Gewindelänge<br>Length of thread | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------------------|----|-----|----------------------|
| 8929470_40               | 70 | 30 | 40 | 3,5 | 45                               | M6 | 2   | 16,20                |

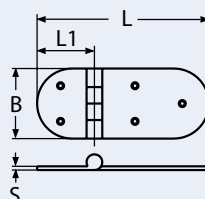


## Scharnier, Guss / A4-AISI 316

Hinge, cast / Charnière, coulée

8930

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|-----|----------------------|
| 89304126_40              | 126 | 40 | 40 | 3,5 | 2   | 14,70                |

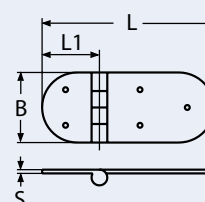


## Scharnier mit Gewinde, Guss / A4-AISI 316

Hinge with thread, cast / Charnière avec filetage, coulée

8931

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S   | Gewindelänge<br>Length of thread | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|----------------------------------|----|-----|----------------------|
| 89314126_40              | 126 | 40 | 40 | 3,5 | 45                               | M6 | 2   | 29,00                |

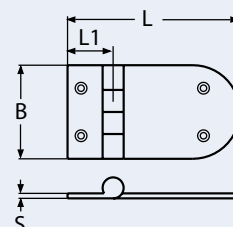


## Scharnier, Guss / A4-AISI 316

Hinge, cast / Charnière, coulée

8932

| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|-----|----------------------|
| 89324127_65              | 127 | 32 | 65 | 4 | 2   | 17,60                |



# Scharniere, Griffe, Haken und Ringe

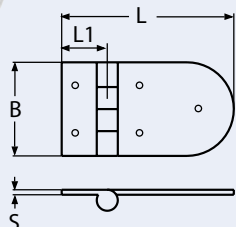
Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8933**

## Scharnier mit Gewinde, Guss / A4-AISI 316

Hinge with thread, cast / Charnière avec filetage, coulée

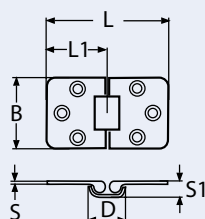


| Bestell-Nr.<br>Order no. | L   | L1 | B  | S | Gewindelänge<br>Length of thread | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|----------------------------------|----|-----|----------------------|
| 89334127_65              | 127 | 32 | 65 | 4 | 45                               | M6 | 2   | 24,00                |

**8670**

## Scharnier / A4-AISI 316

Hinge / Charnière

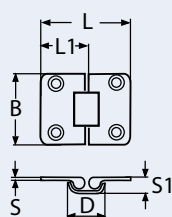


| Bestell-Nr.<br>Order no. | L  | L1 | B  | D | S | S1  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|---|-----|-----|----------------------|
| 86704070_42              | 70 | 35 | 42 | 6 | 2 | 7,5 | 5   | 15,00                |

**8671**

## Scharnier / A4-AISI 316

Hinge / Charnière

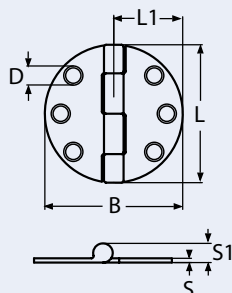


| Bestell-Nr.<br>Order no. | L  | L1 | B  | D | S   | S1  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|-----|-----|----------------------|
| 86714052_42              | 52 | 26 | 42 | 6 | 2,2 | 7,5 | 5   | 21,30                |

**8678**

## Scharnier mit Abdeckung / A4-AISI 316

Covered hinge / Charnière avec cache de vis



| Bestell-Nr.<br>Order no. | L  | L1   | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|-----|---|----|-----|----------------------|
| 86784065_65              | 65 | 32,5 | 65 | 7,5 | 2 | 9  | 5   | 26,70                |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

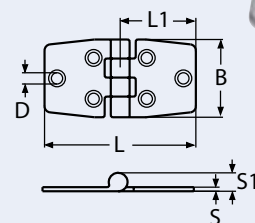
6

## Scharnier mit Abdeckung / A4-AISI 316

Covered hinge / Charnière avec cache de vis

8676

| Bestell-Nr.<br>Order no. | L  | L1 | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|---|----|-----|----------------------|
| 86764074_40              | 74 | 37 | 40 | 5,5 | 2 | 9  | 5   | 18,50                |



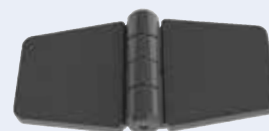
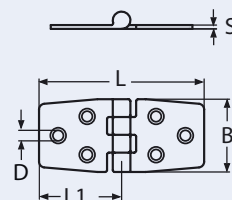
NEW

## Scharnier mit Abdeckung schwarz / Plastik

Covered hinge black / Charnière + cache en plastique

814738

| Bestell-Nr.<br>Order no. | L  | L1   | B  | D   | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|-----|---|-----|----------------------|
| 814738379_41             | 79 | 39,5 | 41 | 4,5 | 4 | 5   | 3,00                 |



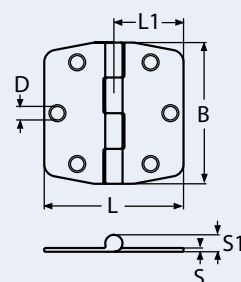
6

## Scharnier mit Abdeckung / A4-AISI 316

Covered hinge / Charnière avec cache de vis

8677

| Bestell-Nr.<br>Order no. | L  | L1 | B  | D   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|---|----|-----|----------------------|
| 86774075_74              | 74 | 37 | 75 | 7,5 | 2 | 9  | 5   | 27,90                |

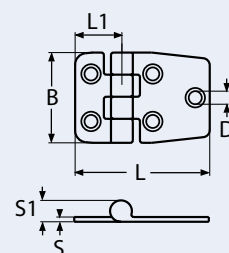


## Scharnier mit Abdeckung / A4-AISI 316

Covered hinge / Charnière avec cache de vis

8675

| Bestell-Nr.<br>Order no. | L  | L1 | B  | D | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|---|----|-----|----------------------|
| 86754057_37              | 57 | 18 | 37 | 6 | 2 | 9  | 5   | 16,30                |





# Scharniere, Griffe, Haken und Ringe

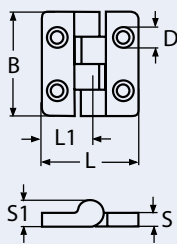
Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8674**

## Scharnier mit Abdeckung / A4-AISI 316

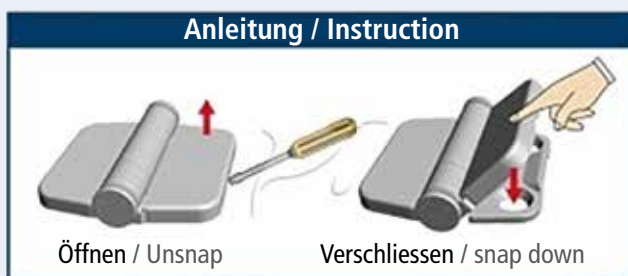
Covered hinge / Charnière avec cache de vis



| Bestell-Nr.<br>Order no. | L  | L1 | B  | D | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|---|----|-----|----------------------|
| 86744036_36              | 36 | 18 | 36 | 6 | 2 | 9  | 5   | 16,00                |

## Scharnier mit Schnapp-Abdeckung / Hinge with snap-down cover

### Anleitung / Instruction



Schnapp-Abdeckung mit einem Schlitz-Schraubendreher öffnen  
Open the cover with a flat-head screwdriver

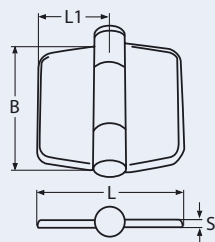
Öffnen / Unsnap

Verschliessen / snap down

**814820**

## Scharnier mit Schnapp-Abdeckung / A4-AISI 316

Hinge with snap-down cover / Charnière avec cache

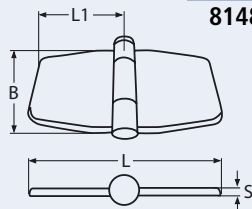
**NEW**


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 814820442_45             | 42 | 21 | 45 | 2 | 5   | 23,50                |

**814821**

## Scharnier mit Schnapp-Abdeckung / A4-AISI 316

Hinge with snap-down cover / Charnière avec cache

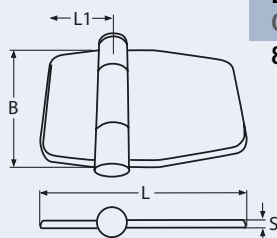
**NEW**


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 814821478_45             | 78 | 39 | 45 | 2 | 5   | 28,80                |

**814822**

## Scharnier mit Schnapp-Abdeckung / A4-AISI 316

Hinge with snap-down cover / Charnière avec cache

**NEW**


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 814822460_45             | 60 | 19 | 45 | 2 | 5   | 26,70                |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

6

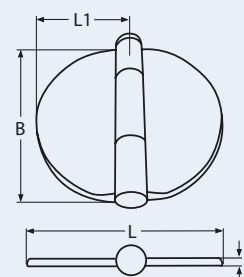
**NEW**

## Scharnier mit Schnapp-Abdeckung / A4-AISI 316

Hinge with snap-down cover / Charnière avec cache

**814823**

| Bestell-Nr.<br>Order no. | L  | L1   | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|---|-----|----------------------|
| 814823470_65             | 65 | 32,5 | 70 | 2 | 5   | 35,60                |



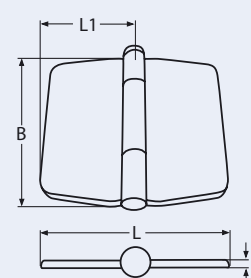
**NEW**

## Scharnier mit Schnapp-Abdeckung / A4-AISI 316

Hinge with snap-down cover / Charnière avec cache

**814824**

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 814824478_83             | 78 | 39 | 83 | 2 | 5   | 47,00                |



## Scharnier mit Halteautomatik / Holding hinge

6

Haltekraft ca. 1 kg bei 30 cm Klappenlänge  
(bei längeren oder schwereren Klappen Anzahl  
der Scharniere entsprechend erhöhen).  
Holding power approximately 1 kg for hatches  
of 30 cm length (for heavier or longer hatches  
increase number of hinges).



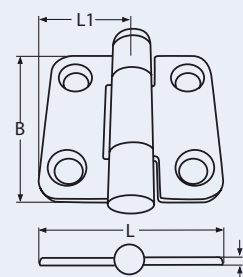
**NEW**

## Scharnier mit Halteautomatik / A4-AISI 316

Holding hinge / Charnière

**814825**

| Bestell-Nr.<br>Order no. | L  | L1 | B    | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|---|-----|----------------------|
| 814825438_41             | 38 | 19 | 41,5 | 2 | 5   | 32,00                |



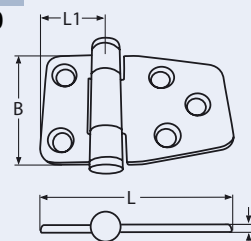
**NEW**

## Scharnier mit Halteautomatik / A4-AISI 316

Holding hinge / Charnière

**814826**

| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 814826457_42             | 57 | 18 | 42 | 2 | 5   | 33,20                |



# Scharniere, Griffe, Haken und Ringe

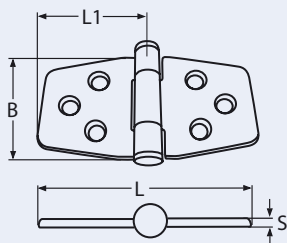
Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**814827**

## Scharnier mit Halteautomatik / A4-AISI 316

Holding hinge / Charnière

**NEW**


| Bestell-Nr.<br>Order no. | L  | L1 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|----------------------|
| 814827476_42             | 76 | 38 | 42 | 2 | 5   | 36,00                |

**8321**

## Stangenscharnier / A2-AISI 304

Continuous hinge / Charnière à piano

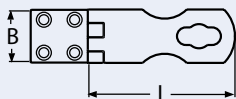


| Bestell-Nr.<br>Order no. | B  | S   | L    | Ausführung<br>Type           | *€/Meter<br>*€/metre |
|--------------------------|----|-----|------|------------------------------|----------------------|
| 8321207_16               | 16 | 0,7 | 3500 | mit Bohrung / with holes     | 19,50                |
| 8321207_16UG             | 16 | 0,7 | 3500 | ohne Bohrung / without holes | 19,50                |
| 8321207_18               | 18 | 0,7 | 3500 | mit Bohrung / with holes     | 20,50                |
| 8321207_18UG             | 18 | 0,7 | 3500 | ohne Bohrung / without holes | 20,50                |
| 8321207_20               | 20 | 0,7 | 3500 | mit Bohrung / with holes     | 21,00                |
| 8321207_20UG             | 20 | 0,7 | 3500 | ohne Bohrung / without holes | 21,00                |
| 8321207_25               | 25 | 0,7 | 3500 | mit Bohrung / with holes     | 22,00                |
| 8321207_25UG             | 25 | 0,7 | 3500 | ohne Bohrung / without holes | 22,00                |
| 8321207_32               | 32 | 0,7 | 3500 | mit Bohrung / with holes     | 23,00                |
| 8321207_32UG             | 32 | 0,7 | 3500 | ohne Bohrung / without holes | 23,00                |
| 8321207_40               | 40 | 0,7 | 3500 | mit Bohrung / with holes     | 24,00                |
| 8321207_40UG             | 40 | 0,7 | 3500 | ohne Bohrung / without holes | 24,00                |
| 8321215_32               | 32 | 1,5 | 2000 | mit Bohrung / with holes     | 30,00                |
| 8321215_32UG             | 32 | 1,5 | 2000 | ohne Bohrung / without holes | 30,00                |
| 8321215_40               | 40 | 1,5 | 2000 | mit Bohrung / with holes     | 32,00                |
| 8321215_40UG             | 40 | 1,5 | 2000 | ohne Bohrung / without holes | 32,00                |

**8428**

## Überfallscharnier / A2-AISI 304

Swivel hasp / Fermeture à cadenas



| Bestell-Nr.<br>Order no. | L  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 8428271_24               | 67 | 24 | 5   | 14,30                |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

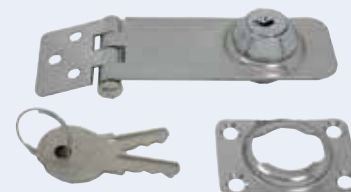
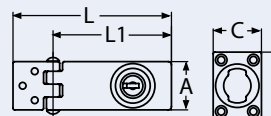
6

## Überfallscharnier mit Schloss / A2-AISI 304

Swivel hasp with lock / Fermeture avec serrure

8588

| Bestell-Nr.<br>Order no. | A  | B  | C  | L  | L1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|----|-----|----------------------|
| 8588230                  | 30 | 42 | 30 | 98 | 78 | 1   | 15,00                |

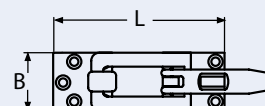


## Überfallscharnier / A4-AISI 316

Swivel hasp / Fermeture

8854

| Bestell-Nr.<br>Order no. | L  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 8854480_28               | 80 | 28 | 1   | 27,60                |

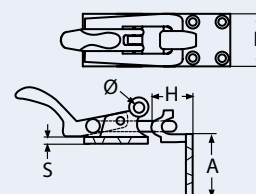


## Überfallscharnier / A4-AISI 316

Swivel hasp / Grenouillère fixation equerre inox

8519

| Bestell-Nr.<br>Order no. | A  | B  | H  | S | Ø   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|-----|-----|----------------------|
| 8519437_37               | 37 | 37 | 20 | 4 | 6,3 | 1   | 32,00                |

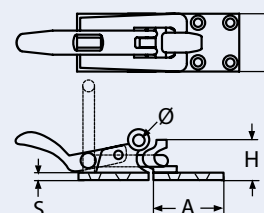


## Überfallscharnier / A4-AISI 316

Swivel hasp / Poignée avec serrure

8518

| Bestell-Nr.<br>Order no. | A  | B  | S | H  | Ø   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|----|-----|-----|----------------------|
| 8518437_37               | 37 | 37 | 4 | 20 | 6,3 | 1   | 34,20                |



# Scharniere, Griffe, Haken und Ringe

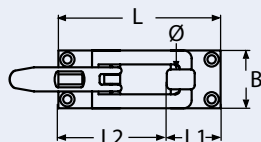
Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8717**

## Überfallscharnier / A4-AISI 316

Swivel hasp / Fermeture à sauterelle

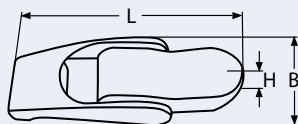


| Bestell-Nr.<br>Order no. | L  | L1 | L2 | B  | Ø   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|-----|----------------------|
| 8717480_28               | 75 | 25 | 50 | 28 | 6,3 | 1   | 28,30                |

**814666**

## Überfallscharnier / A4-AISI 316

Swivel hasp / Fermeture à sauterelle / Grenouillère

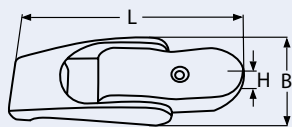


| Bestell-Nr.<br>Order no. | L  | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8146664105               | 82 | 25 | 14 | 1   | 35,00                |

**814667**

## Überfallscharnier mit Schloss / A4-AISI 316

Swivel hasp with lock / Grenouillère avec fermeture à clé

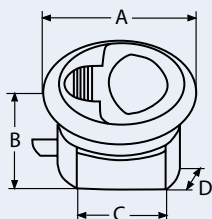


| Bestell-Nr.<br>Order no. | L  | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8146674105               | 82 | 25 | 14 | 1   | 45,00                |

**8834**

## Einlassgriff, wettergeschützt / A4-AISI 316

Weatherproof lifting ring / Poignée étanche



| Bestell-Nr.<br>Order no. | A  | B  | C  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8834460                  | 60 | 41 | 50 | 33 | 1   | 52,80                |



# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

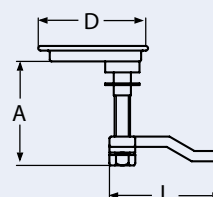
# 6

## Einlassgriff mit Schloss / A4-AISI 316

Lifting ring with lock / Fermeture de panneau

### 8818

| Bestell-Nr.<br>Order no. | Form<br>Shape             | D  | A  | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|----|----|----|-----|----------------------|
| 8818463_63RUND           | Rund<br>Round             | 63 | 73 | 60 | 1   | 60,00                |
| 8818463_63RECHTECKIG     | Rechteckig<br>Rectangular | 63 | 73 | 60 | 1   | 66,00                |

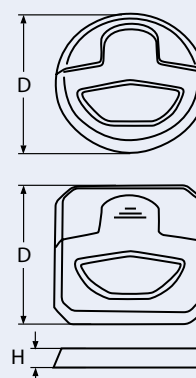


## Einlassgriff / A4-AISI 316

Lifting ring / Poignée

### 8648

| Bestell-Nr.<br>Order no. | Form<br>Shape  | D  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------|----|----|-----|----------------------|
| 8648450RUND              | Rund / Round   | 50 | 19 | 1   | 27,00                |
| 8648450ECKIG             | Eckig / Square | 50 | 19 | 1   | 27,00                |

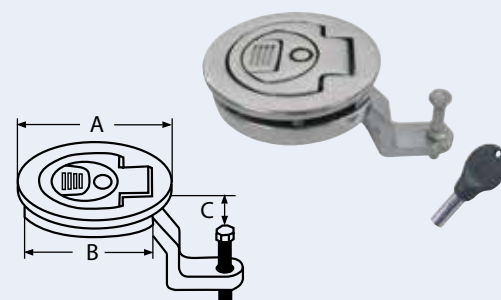


## Einlassgriff mit Schloss / A4-AISI 316

Lifting ring with lock / Poignée avec serrure

### 814060

| Bestell-Nr.<br>Order no. | A                                 | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------------|----|----|-----|----------------------|
| 814060461                | 61                                | 50 | 33 | 1   | 59,30                |
| 814058SCHLUESSEL         | Ersatzschlüssel / Replacement key |    |    | 1   | 8,50                 |

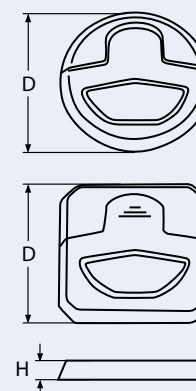


## Einlassgriff / A4-AISI 316

Lifting ring / Poignée encastrable

### 814726

| Bestell-Nr.<br>Order no. | Form<br>Shape  | D  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------|----|----|-----|----------------------|
| 814726451RUND            | Rund / Round   | 51 | 12 | 1   | 31,80                |
| 814726451ECKIG           | Eckig / Square | 51 | 12 | 1   | 31,80                |



# Scharniere, Griffe, Haken und Ringe

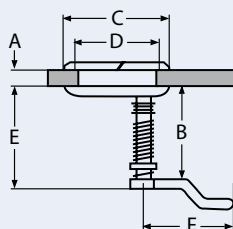
Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**814731**

## Einlassgriff, wettergeschützt / A4-AISI 316

Weatherproof lifting ring / Poignée étanche

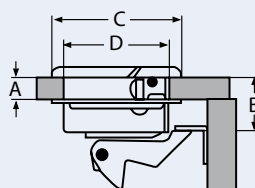
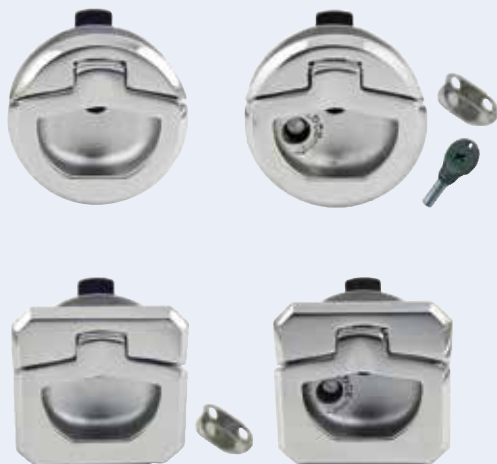


| Bestell-Nr.<br>Order no. | Form                              | Model                        | A | B     | C  | D  | E  | F  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------------|------------------------------|---|-------|----|----|----|----|-----|----------------------|
| 814731450R               | Rund<br>Round                     | Ohne Schloss<br>Without lock | 8 | 22-76 | 62 | 50 | 71 | 54 | 1   | 72,00                |
| 814731450RS              | Rund<br>Round                     | Mit Schloss<br>With lock     | 8 | 22-76 | 62 | 50 | 71 | 54 | 1   | 79,00                |
| 814731450E               | Eckig<br>Angular                  | Ohne Schloss<br>Without lock | 8 | 22-76 | 62 | 50 | 71 | 54 | 1   | 75,00                |
| 814731450ES              | Eckig<br>Angular                  | Mit Schloss<br>With lock     | 8 | 22-76 | 62 | 50 | 71 | 54 | 1   | 83,00                |
| 814058SCHLUESSEL         | Ersatzschlüssel / Replacement key |                              |   |       |    |    |    |    | 1   | 8,50                 |

**814739**

## Einlassgriff / A4-AISI 316

Lifting ring / Poignée ronde (sans serrure)

**NEW**


| Bestell-Nr.<br>Order no. | Form                              | Model                        | A | B     | C  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------------|------------------------------|---|-------|----|----|-----|----------------------|
| 814739445R               | Rund<br>Round                     | Ohne Schloss<br>Without lock | 9 | 19-25 | 57 | 45 | 1   | 30,00                |
| 814739445RS              | Rund<br>Round                     | Mit Schloss<br>With lock     | 9 | 19-25 | 57 | 45 | 1   | 40,00                |
| 814739445E               | Eckig<br>Angular                  | Ohne Schloss<br>Without lock | 9 | 19-25 | 57 | 45 | 1   | 31,00                |
| 814739445ES              | Eckig<br>Angular                  | Mit Schloss<br>With lock     | 9 | 19-25 | 57 | 45 | 1   | 41,00                |
| 814058SCHLUESSEL         | Ersatzschlüssel / Replacement key |                              |   |       |    |    | 1   | 8,50                 |

**814740**

## Einlassgriff schwarz / Plastik

Lifting ring black / Poignée ronde en plastique

**NEW**


| Bestell-Nr.<br>Order no. | D  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 814740351RUND            | 51 | 12 | 1   | 8,60                 |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

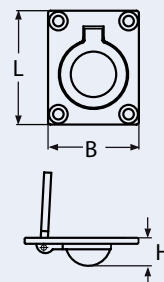
# 6

## Einlassgriff / A4-AISI 316

Small flush lifting ring / Poignée

### 8241

| Bestell-Nr.<br>Order no. | L  | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8241447_38               | 47 | 38 | 10 | 1   | 7,50                 |



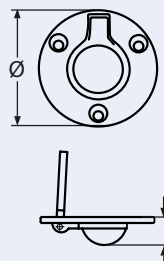
**NEW**

## Einlassgriff / A4-AISI 316

Lifting ring / Anneau cuvette

### 814787

| Bestell-Nr.<br>Order no. | Ø  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 814787450                | 50 | 10 | 1   | 7,50                 |

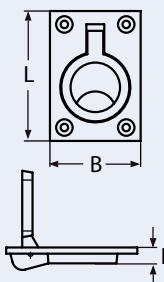


## Einlassgriff / A4-AISI 316

Lifting ring / Poignée

### 8242

| Bestell-Nr.<br>Order no. | L  | B  | H | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|-----|----------------------|
| 8242463_44               | 63 | 44 | 8 | 1   | 9,10                 |

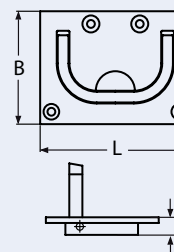


## Einlassgriff / A4-AISI 316

Lifting ring / Poignée

### 8243

| Bestell-Nr.<br>Order no. | L  | B  | H | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|-----|----------------------|
| 8243475_56               | 75 | 56 | 8 | 1   | 12,00                |



# Scharniere, Griffe, Haken und Ringe

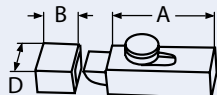
Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8892**

## Türriegel, federgelagert / A4-AISI 316

Spring loaded door latch / Verrou à ressort

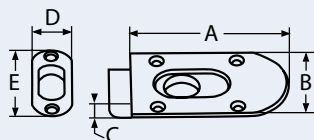


| Bestell-Nr.<br>Order no. | A  | B  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8892472                  | 72 | 27 | 30 | 1   | 52,00                |

**814064**

## Schiebeschloss, federgelagert / A4-AISI 316

Spring loaded slide latch / Verrou à ressort de glissière

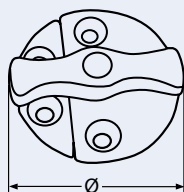


| Bestell-Nr.<br>Order no. | A  | B  | C | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|----|----|-----|----------------------|
| 814064491                | 91 | 56 | 9 | 16 | 54 | 1   | 46,00                |

**814650**

## Vorreiber / A4-AISI 316

Closure / Fermeture

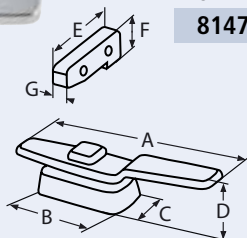


| Bestell-Nr.<br>Order no. | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------|
| 814650445                | 45 | 1   | 11,70                |

**814744**

## Türriegel mit Feststeller / A2-AISI 304

Button release door latch / fermeture à loquet

**NEW**


| Bestell-Nr.<br>Order no. | A   | B  | C  | D  | E  | F  | G    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|----|----|------|-----|----------------------|
| 8147442166               | 166 | 73 | 39 | 42 | 71 | 24 | 13,5 | 1   | 99,00                |
| 8147442213               | 213 | 82 | 47 | 50 | 71 | 24 | 13,5 | 1   | 142,00               |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

6

## Magnet-Schieberiegel / A4-AISI 316

Magnet slide latch / Loquet magnétique

814691

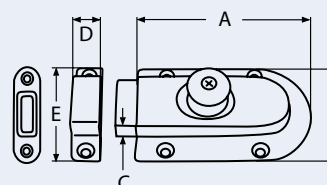
| Bestell-Nr.<br>Order no. | Montage<br>Mounting    | A  | B  | C | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------------|----|----|---|----|----|-----|----------------------|
| 8146914SURF              | Aufbau<br>Surface      | 91 | 56 | 9 | 15 | 70 | 1   | 90,20                |
| 8146914INST              | Einbau<br>Installation | 91 | 56 | 9 | 21 | 70 | 1   | 74,00                |



Aufbau / Surface



Einbau / Installation

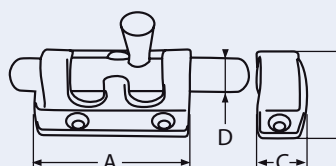


## Verschlusscharnier / A4-AISI 316

Locking hinge / Fermeture targette

8413

| Bestell-Nr.<br>Order no. | A  | B  | C  | D   | Materialstärke<br>Material thickness | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|--------------------------------------|-----|----------------------|
| 8413415_45               | 45 | 30 | 15 | 9,5 | 2,3                                  | 1   | 11,70                |
| 8413436_76               | 76 | 38 | 36 | 9,5 | 4,0                                  | 1   | 13,50                |

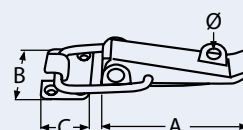


## Spannverschluss, abschließbar / A2-AISI 304

Tensor latch, lockable / Fermeture a levier

8862

| Bestell-Nr.<br>Order no. | A  | B  | C  | Ø   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|-----|----------------------|
| 8862270                  | 72 | 35 | 24 | 6,5 | 1   | 10,30                |



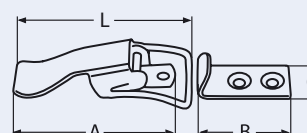
NEW

## Spannverschluss / A2-AISI 304

Tensor latch / Sauterelle

814789

| Bestell-Nr.<br>Order no. | L  | A  | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8147892048               | 48 | 36 | 28 | 13 | 1   | 5,40                 |





# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

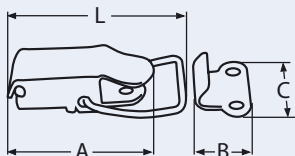
Charnières, poignées, crochets et anneaux

**814790**
**Spannverschluss / A2-AISI 304**

Tensor latch / Sauterelle

**NEW**

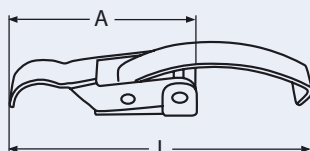

| Bestell-Nr.<br>Order no. | L  | A  | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8147902047               | 47 | 39 | 15 | 22 | 1   | 5,40                 |


**814791**
**Spannverschluss / A2-AISI 304**

Tensor latch / Sauterelle

**NEW**

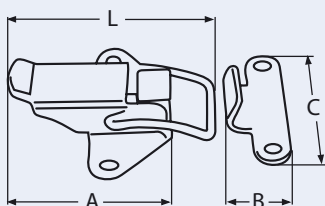

| Bestell-Nr.<br>Order no. | L  | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 8147912089               | 89 | 55 | 1   | 6,40                 |


**814792**
**Spannverschluss / A2-AISI 304**

Tensor latch / Sauterelle

**NEW**

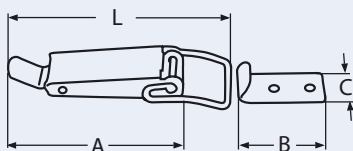

| Bestell-Nr.<br>Order no. | L  | A  | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8147922046               | 46 | 35 | 14 | 36 | 1   | 5,60                 |


**814793**
**Spannverschluss / A2-AISI 304**

Tensor latch / Sauterelle

**NEW**


| Bestell-Nr.<br>Order no. | L  | A  | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8147932077               | 77 | 59 | 30 | 14 | 1   | 6,40                 |



# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

# 6

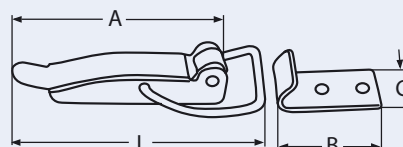
**NEW**

**Spannverschluss / A2-AISI 304**

Tensor latch / Sauterelle

**814794**

| Bestell-Nr.<br>Order no. | L  | A  | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8147942087               | 87 | 73 | 36 | 19 | 1   | 6,40                 |



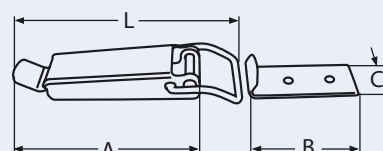
**NEW**

**Spannverschluss / A2-AISI 304**

Tensor latch / Sauterelle

**814795**

| Bestell-Nr.<br>Order no. | L   | A   | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|----|-----|----------------------|
| 8147952138               | 138 | 114 | 67 | 27 | 1   | 10,00                |



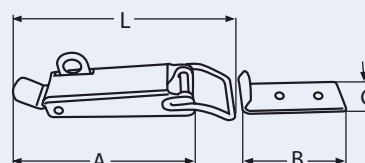
**NEW**

**Spannverschluss / A2-AISI 304**

Tensor latch / Sauterelle

**814813**

| Bestell-Nr.<br>Order no. | L   | A   | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|----|-----|----------------------|
| 8148132138               | 138 | 114 | 67 | 27 | 1   | 12,90                |

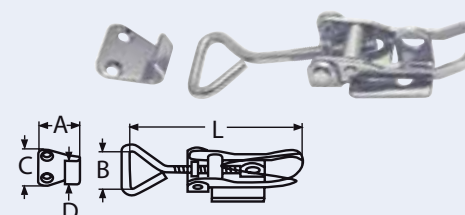


**Hebelverschluss / A2-AISI 304**

Snag / Attache exentrique

**8427**

| Bestell-Nr.<br>Order no. | L         | B  | A  | C  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------|----|----|----|----|-----|----------------------|
| 84272065_75              | 65 - 75   | 18 | 20 | 26 | 14 | 1   | 9,70                 |
| 84272085_95              | 75 - 90   | 18 | 20 | 26 | 15 | 1   | 11,70                |
| 84272115_125             | 115 - 125 | 25 | 29 | 30 | 18 | 1   | 15,60                |
| 84272165_185             | 165 - 185 | 35 | 30 | 30 | 18 | 1   | 23,80                |



# Scharniere, Griffe, Haken und Ringe

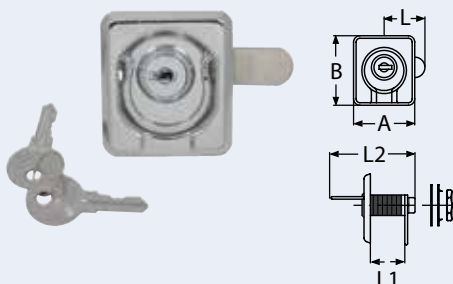
Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8589**

## Einlassgriff mit Schloss / A2-AISI 304

Lifting ring with lock / Poignée avec serrure

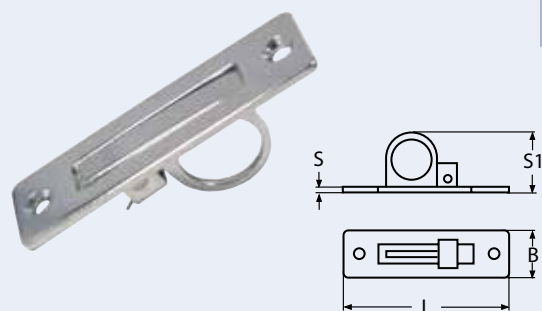


| Bestell-Nr.<br>Order no. | A  | B  | L  | L1 | L2 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|----|-----|----------------------|
| 8589250                  | 50 | 55 | 32 | 30 | 65 | 1   | 23,80                |

**8527**

## Einlassgriff / A2-AISI 304

Lifting ring / Poignée



| Bestell-Nr.<br>Order no. | L  | B  | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|----|-----|----------------------|
| 8527290                  | 90 | 25 | 3 | 33 | 1   | 11,30                |

**8318**

## Sturmhaken mit Ösen / A4-AISI 316

Gate hook with eyes / Crochet de porte



| Bestell-Nr.<br>Order no. | Länge<br>Length | Draht-Ø<br>Wire-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-------------------|-----|----------------------|
| 83184080                 | 80              | 3,9               | 5   | 3,00                 |
| 83184120                 | 120             | 4,4               | 5   | 4,25                 |

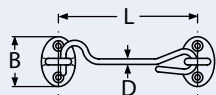
**8650**

## Kabinenhaken / A4-AISI 316

Cabin hook / Crochet de cabine



| Bestell-Nr.<br>Order no. | L  | B  | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|-----|----------------------|
| 8650450                  | 50 | 33 | 4,4 | 5   | 15,50                |
| 8650470                  | 70 | 33 | 4,4 | 5   | 16,50                |
| 8650490                  | 90 | 33 | 4,4 | 5   | 17,50                |



# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

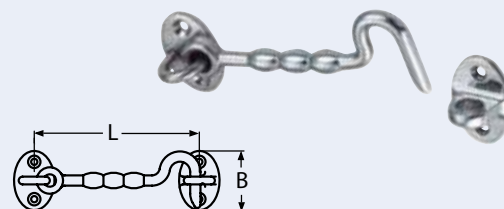
6

## Kabinenhaken / A4-AISI 316

Cabin hook / Crochet de cabine

8384

| Bestell-Nr.<br>Order no. | L   | B    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|-----|----------------------|
| 83844100                 | 100 | 37,5 | 1   | 12,00                |

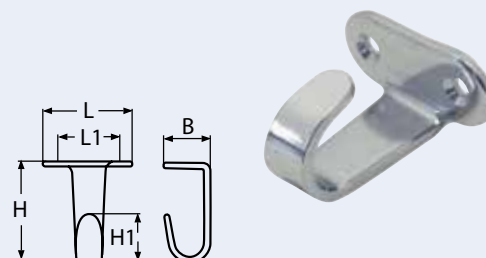


## Haken, poliert / A2-AISI 304

Hook, polished / Crochet poli

8348

| Bestell-Nr.<br>Order no. | B  | L    | L1 | H    | H1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|------|----|-----|----------------------|
| 83482325                 | 17 | 32,5 | 20 | 32,5 | 14 | 10  | 3,80                 |
| 83482430                 | 22 | 43   | 30 | 47,5 | 21 | 10  | 5,90                 |

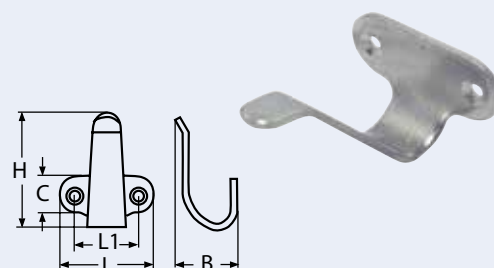


## Haken, poliert / A2-AISI 304

Hook, polished / Crochet poli

8347

| Bestell-Nr.<br>Order no. | L  | L1   | B  | C  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|----|----|-----|----------------------|
| 8347235                  | 33 | 21,5 | 36 | 13 | 23 | 10  | 3,80                 |
| 8347243                  | 43 | 30,0 | 25 | 18 | 56 | 10  | 4,80                 |

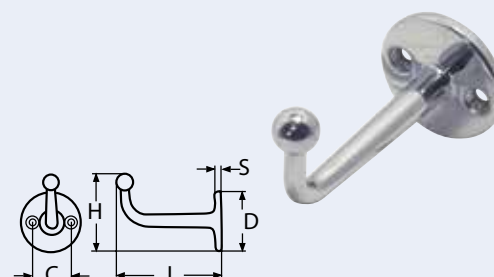


## Haken, poliert / A2-AISI 304

Hook, polished / Crochet poli

8361

| Bestell-Nr.<br>Order no. | L  | H  | D  | S | C    | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|------|-----|----------------------|
| 8361247                  | 47 | 37 | 28 | 3 | 18,5 | 10  | 6,50                 |
| 8361265                  | 65 | 44 | 35 | 4 | 22,5 | 10  | 7,00                 |



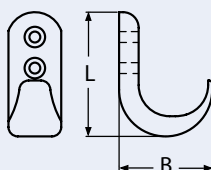
# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8399**
**Kleiderhaken, poliert / A2-AISI 304**

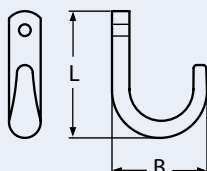
Coat hook, polished / Crochet porte vêtement poli



| Bestell-Nr.<br>Order no. | B  | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 8399240_30               | 30 | 40 | 10  | 4,50                 |

**8400**
**Kleiderhaken, poliert / A2-AISI 304**

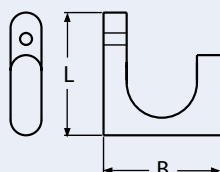
Coat hook, polished / Crochet porte vêtement poli



| Bestell-Nr.<br>Order no. | B  | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 8400230_25               | 30 | 40 | 10  | 4,50                 |

**8401**
**Kleiderhaken, poliert / A2-AISI 304**

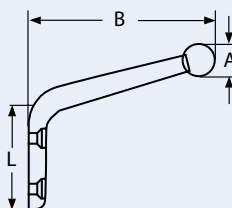
Coat hook, polished / Crochet porte vêtement poli



| Bestell-Nr.<br>Order no. | B  | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 8401235_33               | 33 | 35 | 10  | 9,10                 |

**814081**
**Kleiderhaken / A2-AISI 304**

Coat hook / Crochet porte-vêtements



| Bestell-Nr.<br>Order no. | A  | B  | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 814081210                | 10 | 60 | 35 | 10  | 4,00                 |



# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

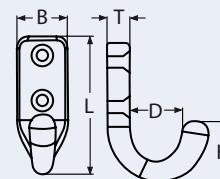
6

## Kleiderhaken / A4-AISI 316

Coat hook / Crochet simple

814659

| Bestell-Nr.<br>Order no. | L  | B  | T   | D    | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|------|----|-----|----------------------|
| 814659440                | 40 | 13 | 5,9 | 16,5 | 17 | 10  | 3,40                 |

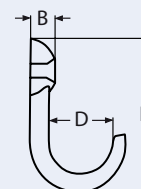


## Kleiderhaken / A4-AISI 316

Coat hook / Crochet simple

814660

| Bestell-Nr.<br>Order no. | L  | B   | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|-----|----------------------|
| 814660440                | 40 | 5,9 | 22 | 10  | 3,40                 |

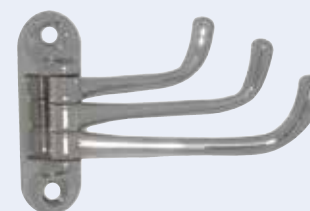
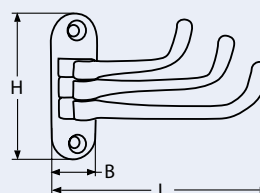


## Kleiderhaken klappbar / A4-AISI 316

Coat hook foldable / Crochet triple

814664

| Bestell-Nr.<br>Order no. | L   | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|----------------------|
| 814664475                | 106 | 25 | 75 | 1   | 40,00                |

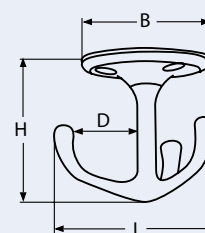


## Kleiderhaken mit Wirbel / A4-AISI 316

Swivel coat hook / Crochet triple

814665

| Bestell-Nr.<br>Order no. | L  | B  | H  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 814665457                | 66 | 50 | 57 | 21 | 1   | 30,00                |



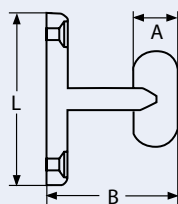
# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**814082**
**Kleiderhaken / A2-AISI 304**

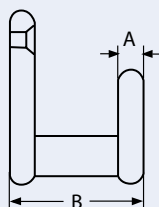
Coat hook / Crochet porte-vêtements



| Bestell-Nr.<br>Order no. | A  | L  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 814082212                | 12 | 48 | 36 | 10  | 5,00                 |

**814083**
**Kleiderhaken / A2-AISI 304**

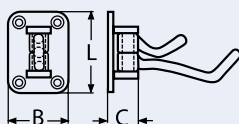
Coat hook / Crochet porte-vêtements



| Bestell-Nr.<br>Order no. | A | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|-----|----------------------|
| 814083206                | 6 | 30 | 10  | 4,50                 |

**8476**
**Plünnenhalter „klappweg“ / A2-AISI 304**

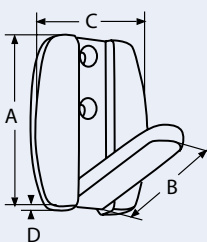
Movable hook / Crochet mobile



| Bestell-Nr.<br>Order no. | L  | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8476255_38               | 55 | 43 | 20 | 5   | 26,90                |

**8830**
**Kleiderhaken, klappbar / A4-AISI 316**

Coat hook, foldable / Crochet porte vêtement pliant



| Bestell-Nr.<br>Order no. | A  | B  | C  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8830450                  | 50 | 50 | 28 | 10 | 5   | 18,30                |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

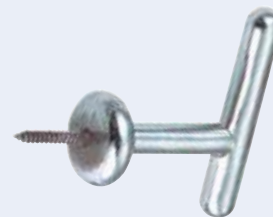
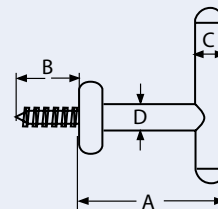
6

## Kleiderhaken / A2-AISI 304

Coat hook / Crochet porte-vêtements

814079

| Bestell-Nr.<br>Order no. | A  | B  | C | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|----|-----|----------------------|
| 814079240                | 40 | 17 | 8 | 20 | 10  | 5,70                 |



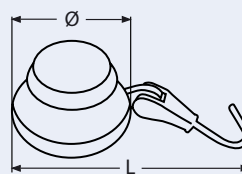
NEW

## One-touch Saughaken / Plastik

One-touch suction hook / Crochet „One-Touch“

814758

| Bestell-Nr.<br>Order no. | Ø  | L   | Farbe            | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|------------------|-----|----------------------|
| 814758353W               | 53 | 100 | Weiss<br>White   | 2   | 12,00                |
| 814758353S               | 53 | 100 | Silber<br>Silver | 2   | 12,00                |



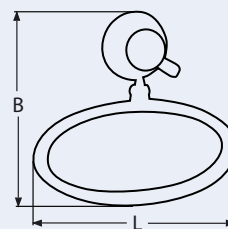
NEW

## One-touch Handtuchring / Plastik

One-touch towel ring / Anneau de serviette „One-Touch“

814773

| Bestell-Nr.<br>Order no. | L   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 8147733180               | 180 | 173 | 1   | 14,90                |



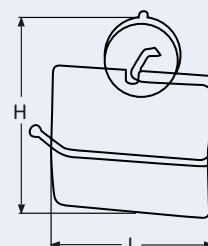
NEW

## One-touch Toilettenpapierhalter / Plastik

One-touch toilet paper holder / Support de papier toilette „One-touch“

814774

| Bestell-Nr.<br>Order no. | L   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 8147743140               | 140 | 150 | 1   | 17,00                |



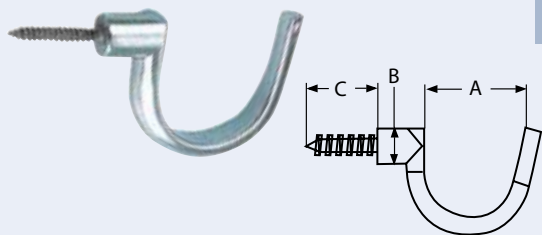
# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**814080**
**Kleiderhaken / A2-AISI 304**

Coat hook / Crochet porte-vêtements



| Bestell-Nr.<br>Order no. | A  | B | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|---|----|-----|----------------------|
| 814080226                | 26 | 9 | 18 | 10  | 3,50                 |

**8398**
**S-Haken, asymmetrisch / A2-AISI 304**

S-hook, asymmetric / Crochet en S Asymétrique



| Bestell-Nr.<br>Order no. | Ø | L  | W1 | W2 | S1 | S2 | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|----|----|----|-----|----------------------|
| 839823                   | 3 | 30 | 9  | 16 | 5  | 10 | 20  | 0,50                 |
| 839824                   | 4 | 36 | 12 | 19 | 6  | 12 | 20  | 0,70                 |
| 839825                   | 5 | 43 | 14 | 21 | 6  | 12 | 20  | 0,80                 |
| 839826                   | 6 | 50 | 15 | 25 | 7  | 15 | 10  | 0,90                 |
| 839828                   | 8 | 67 | 20 | 33 | 9  | 20 | 10  | 1,80                 |

**814070**
**S-Haken, symmetrisch / A2-AISI 304**

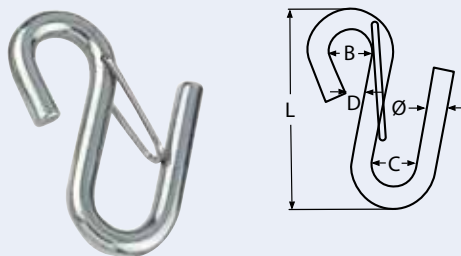
S-hook, symmetric / Crochet en S symétrique



| Bestell-Nr.<br>Order no. | Ø  | L  | W  | S  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 814070203                | 3  | 24 | 9  | 4  | 20  | 0,25                 |
| 814070204                | 4  | 32 | 12 | 6  | 20  | 0,40                 |
| 814070205                | 5  | 40 | 15 | 8  | 20  | 0,70                 |
| 814070206                | 6  | 48 | 17 | 9  | 10  | 0,90                 |
| 814070208                | 8  | 64 | 24 | 12 | 10  | 2,10                 |
| 814070210                | 10 | 80 | 30 | 13 | 5   | 4,00                 |

**8968**
**S-Haken mit Sicherung / A4-AISI 316**

S-hook with gate / Crochet en S avec mécanisme de sécurité



| Bestell-Nr.<br>Order no. | Ø    | L   | B    | C    | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|------|-----|------|------|-----|-----|----------------------|
| 89684095                 | 9,5  | 90  | 17,0 | 19,5 | 6,9 | 5   | 5,80                 |
| 89684110                 | 11,0 | 100 | 16,5 | 22,0 | 7,0 | 5   | 6,80                 |
| 89684130                 | 13,0 | 112 | 17,0 | 22,0 | 8,0 | 5   | 9,40                 |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings  
Charnières, poignées, crochets et anneaux

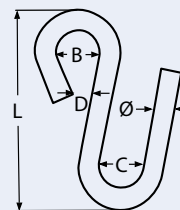
# 6

## S-Haken / A4-AISI 316

S-hook / Crochet - S

## 8966

| Bestell-Nr.<br>Order no. | Ø  | L  | B  | C  | D | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|---|-----|----------------------|
| 8966405                  | 5  | 52 | 9  | 9  | 2 | 10  | 1,20                 |
| 8966406                  | 6  | 64 | 10 | 10 | 5 | 10  | 1,60                 |
| 8966408                  | 8  | 75 | 16 | 17 | 5 | 10  | 3,00                 |
| 8966410                  | 10 | 95 | 20 | 20 | 8 | 5   | 5,60                 |

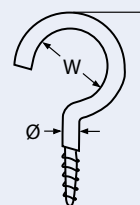


## Schraubhaken, gebogen / A4-AISI 316

Plain cup hook / Crochet

## 8317

| Bestell-Nr.<br>Order no. | Ø   | L   | W  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|-----|----------------------|
| 8317429_40               | 2,9 | 40  | 12 | 100 | 0,60                 |
| 8317433_50               | 3,3 | 50  | 16 | 100 | 0,70                 |
| 8317433_60               | 3,3 | 60  | 16 | 100 | 0,90                 |
| 8317444_50               | 4,4 | 50  | 16 | 50  | 1,10                 |
| 8317448_65               | 4,8 | 65  | 22 | 50  | 1,60                 |
| 8317452_80               | 5,2 | 80  | 26 | 20  | 2,10                 |
| 8317458_100              | 5,8 | 100 | 26 | 20  | 3,30                 |

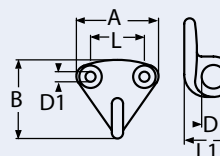


## Verdeckauge / A4-AISI 316

Awning hook / Crochet de auvent

## 8539

| Bestell-Nr.<br>Order no. | D  | D1  | A  | B  | L  | L1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|----|----|-----|----------------------|
| 8539410                  | 10 | 4,5 | 30 | 35 | 20 | 22 | 10  | 2,30                 |

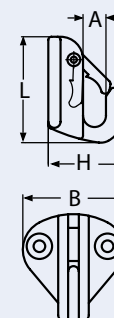


## Fenderhaken / A4-AISI 316

Fender hook / Crochet

## 8291

| Bestell-Nr.<br>Order no. | A  | H  | L  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8291405                  | 8  | 24 | 36 | 34 | 5   | 5,00                 |
| 8291410                  | 10 | 34 | 42 | 34 | 5   | 5,50                 |





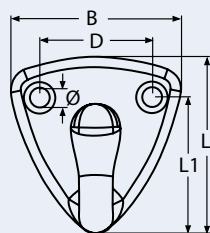
# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**814661**
**Fenderhaken / A4-AISI 316**

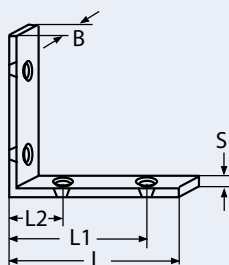
Fender hook / Crochet simple



| Bestell-Nr.<br>Order no. | L    | B  | L1 | D  | Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|------|----|----|----|---|-----|----------------------|
| 8146614258               | 26,7 | 27 | 21 | 18 | 4 | 10  | 2,50                 |

**8340**
**Winkel, poliert / A2-AISI 304**

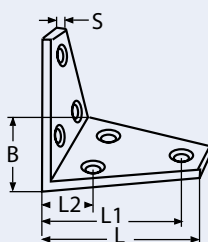
Bracket, polished / Equerre poli



| Bestell-Nr.<br>Order no. | L  | L1 | L2 | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|---|-----|----------------------|
| 8340231_12               | 31 | 25 | 12 | 12 | 3 | 10  | 3,90                 |
| 8340246_13               | 46 | 38 | 18 | 13 | 3 | 10  | 4,70                 |
| 8340261_15               | 61 | 51 | 21 | 15 | 3 | 10  | 5,00                 |

**8341**
**Winkel, poliert / A2-AISI 304**

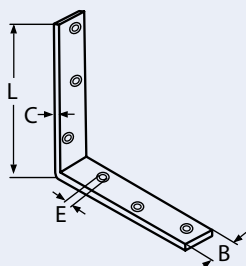
Bracket, polished / Equerre poli



| Bestell-Nr.<br>Order no. | L  | L1   | L2   | B  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|------|----|---|-----|----------------------|
| 8341241_25               | 41 | 35,0 | 18,0 | 25 | 3 | 10  | 5,10                 |
| 8341256_35               | 56 | 47,5 | 18,5 | 35 | 3 | 10  | 7,50                 |
| 8341280_50               | 80 | 71,0 | 24,0 | 50 | 3 | 10  | 12,20                |

**814085**
**Winkel / A2-AISI 304**

Bracket / Equerre



| Bestell-Nr.<br>Order no. | L   | B  | C | E | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|---|---|-----|----------------------|
| 8140852150               | 150 | 30 | 5 | 5 | 2   | 17,50                |
| 8140852200               | 200 | 30 | 5 | 5 | 2   | 21,60                |
| 8140852250               | 250 | 30 | 5 | 5 | 2   | 23,00                |
| 8140852300               | 300 | 30 | 5 | 5 | 2   | 25,00                |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

6

## Spiralhaken / A2-AISI 304

Shock cord hook / Crochet de corde

8523

| Bestell-Nr.<br>Order no. | Für Seile-Ø<br>For rope-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----|----------------------|
| 8523206                  | 6                         | 20  | 1,50                 |
| 8523208                  | 8                         | 20  | 1,70                 |
| 8523210                  | 10                        | 20  | 2,10                 |

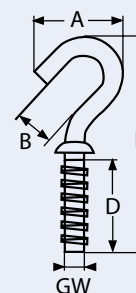


## Haken mit Gewinde / A4-AISI 316

Hook with thread / Crochet à vis

814089

| Bestell-Nr.<br>Order no. | GW    | A  | B  | L  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-------|----|----|----|----|-----|----------------------|
| 814089408                | 5/16" | 36 | 16 | 89 | 41 | 10  | 3,70                 |

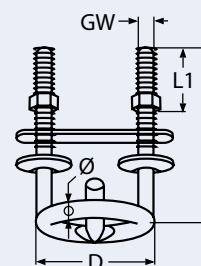


## Wasserskihaken / A4-AISI 316

Transom mount ski tow / Crochet pour ski-nautique

8559

| Bestell-Nr.<br>Order no. | L   | L1 | GW  | Ø  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----|----|-----|----------------------|
| 85594100_60              | 100 | 50 | M10 | 9  | 60 | 1   | 40,00                |
| 85594125_90              | 125 | 65 | M12 | 12 | 90 | 1   | 48,50                |

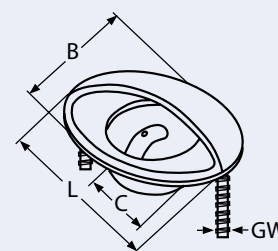


## Wasserskihaken / A4-AISI 316

Ski tow ring / Chrochet pour ski-nautique

8891

| Bestell-Nr.<br>Order no. | L  | B  | C  | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8891492_62               | 92 | 62 | 50 | M8 | 1   | 59,00                |



# Scharniere, Griffe, Haken und Ringe

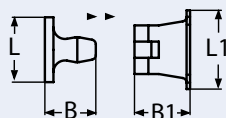
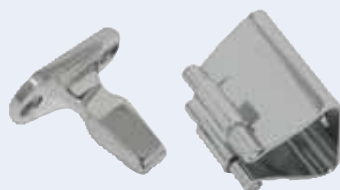
Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8592**

## Türhalter / A2-AISI 304

Door holder / Bloqueur de porte

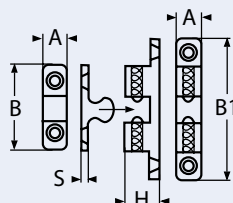
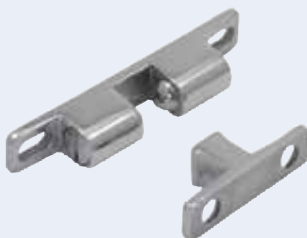


| Bestell-Nr.<br>Order no. | L  | L1   | B  | B1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|----|-----|----------------------|
| 8592229                  | 29 | 34,0 | 22 | 25 | 5   | 18,90                |
| 8592242                  | 42 | 41,0 | 40 | 31 | 5   | 21,00                |
| 8592241                  | 41 | 40,5 | 70 | 31 | 5   | 23,00                |

**8521**

## Kugelschnapper / A4-AISI 316

Ball catch / Bloqueur de porte à bille

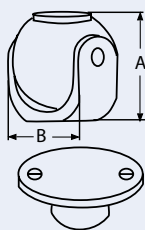


| Bestell-Nr.<br>Order no. | A | B  | B1 | S | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|---|----|-----|----------------------|
| 852149_50                | 9 | 29 | 50 | 2 | 12 | 5   | 16,90                |

**8825**

## Magnet-Türhalter schwenkbar, mit Einbauplatte / A4-AISI 316

Magnet door holder, swiveling, with flush mount plate / Bloqueur de porte aimanté

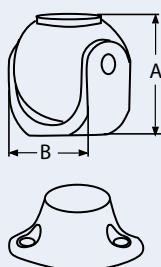


| Bestell-Nr.<br>Order no. | A  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 8825434_34               | 34 | 34 | 1   | 110,00               |

**814599**

## Magnet-Türhalter, schwenkbar, mit Aufbauplatte / A4-AISI 316

Magnet door holder, swiveling, with surface mount plate / Bloqueur de porte magnétique



| Bestell-Nr.<br>Order no. | A  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 814599434_34             | 34 | 34 | 1   | 120,00               |

# Scharniere, Griffe, Haken und Ringe

## Hinges, handles, hooks and rings

## Charnières, poignées, crochets et anneaux

# 6

### Magnet-Türhalter, schwenk- und höhenverstellbar, mit Einbauplatte / A4-AISI 316

Magnet door holder, swiveling and adjustable in height, with flush mount plate / \*

## 8826

| Bestell-Nr.<br>Order no. | L      | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|----|----|-----|----------------------|
| 8826451                  | 90-115 | 51 | 25 | 1   | 140,00               |

\*Bloqueur de porte aimanté et réglable



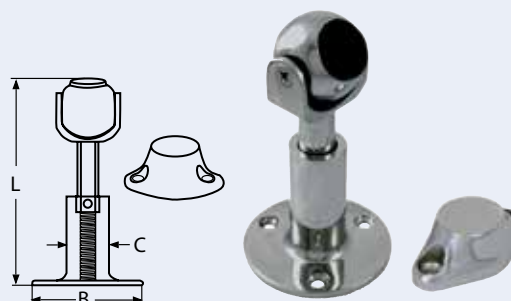
### Magnet-Türhalter, schwenk- und höhenverstellbar mit Aufbauplatte / A4-AISI 316

Magnet door holder, swiveling and adjustable in height, with surface mount plate / \*

## 814598

| Bestell-Nr.<br>Order no. | L      | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|----|----|-----|----------------------|
| 814598460_89             | 90-115 | 51 | 25 | 1   | 108,00               |

\*Bloqueur de porte magnétique et ajustable

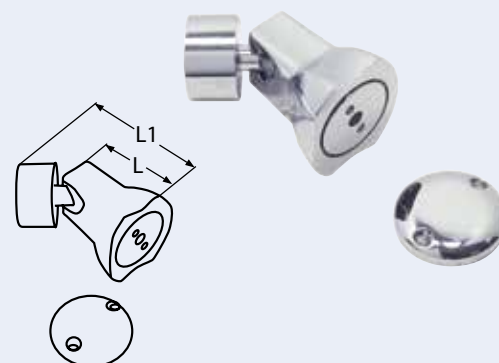


### Magnet-Türhalter, schwenkbar / Messing verchromt

Magnet door holder, swiveling, brass chrome plated / Bloqueur de porte magnétique, orientable, laiton chromé

## 814206

| Bestell-Nr.<br>Order no. | L  | L1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 814206780                | 40 | 60 | 1   | 75,00                |

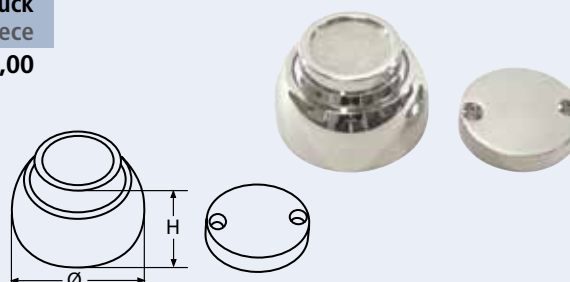


### Magnet-Türhalter / Messing verchromt

Magnet door holder brass chrome plated / Bloqueur de porte magnétique

## 814682

| Bestell-Nr.<br>Order no. | Ø  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 814682740                | 40 | 25 | 1   | 50,00                |



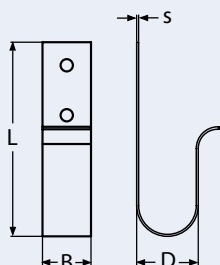
# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8584**
**Bootshakenhalter / A2-AISI 304**

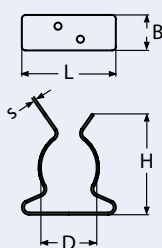
Boat hook holder / Support de cordage



| Bestell-Nr.<br>Order no. | L   | B  | D  | S | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|---|-----|----------------------|
| 85842100                 | 100 | 25 | 32 | 1 | 10  | 3,70                 |

**8593**
**Bootshakenhalter / A2-AISI 304**

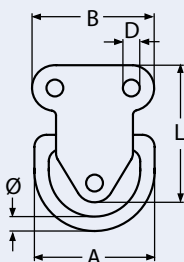
Boat hook holder / Fixation à plat



| Bestell-Nr.<br>Order no. | L  | B  | D  | H  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|-----|----------------------|
| 8593235                  | 35 | 19 | 20 | 38 | 1,3 | 10  | 3,00                 |
| 8593250                  | 50 | 19 | 28 | 54 | 1,3 | 10  | 3,80                 |

**8579**
**Klappauge / A2-AISI 304**

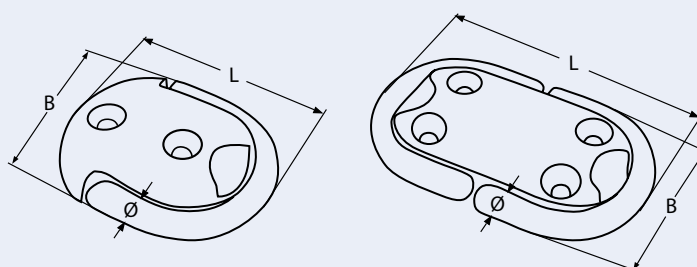
Folding pad eye / Poignée



| Bestell-Nr.<br>Order no. | Ø | B  | D | L  | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|---|----|----|-----|----------------------|
| 8579206                  | 6 | 50 | 7 | 58 | 55 | 5   | 9,50                 |
| 8579208                  | 8 | 50 | 7 | 58 | 55 | 5   | 14,00                |

**814662**
**Klappauge / A4-AISI 316**

Foldaway pad eye / Poignée



| Bestell-Nr.<br>Order no. | Type   | L   | B  | Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|-----|----|---|-----|----------------------|
| 8146624SINGLE            | single | 70  | 60 | 8 | 2   | 30,00                |
| 8146624DOUBLE            | double | 100 | 60 | 8 | 2   | 40,00                |



# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings  
Charnières, poignées, crochets et anneaux

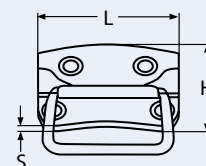
# 6

## Kistengriffe, ähnlich DIN 3136 / A2-AISI 304

Box handle / Poignée pour caisse

## 8857

| Bestell-Nr.<br>Order no. | L   | H  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|-----|----------------------|
| 88572100_80              | 100 | 80 | 1,5 | 1   | 9,90                 |

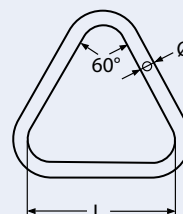


## Triangel-Ring, geschweißt und poliert / A2-AISI 304

Triangle ring, welded and polished / Anneau triangle, soudé et poli

## 8349

| Bestell-Nr.<br>Order no. | Ø | L  | Innenwinkel<br>Interior angle | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|-------------------------------|-----|----------------------|
| 834926_40                | 6 | 40 | 60°                           | 10  | 1,40                 |
| 834926_45                | 6 | 45 | 60°                           | 10  | 1,60                 |
| 834926_50                | 6 | 50 | 60°                           | 5   | 1,70                 |
| 834928_45                | 8 | 45 | 60°                           | 5   | 2,20                 |
| 834928_50                | 8 | 50 | 60°                           | 5   | 2,40                 |

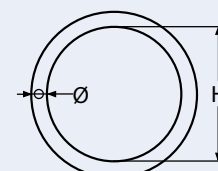


## Ring, geschweißt und poliert / A4-AISI 316

Ring, welded and polished / Anneau rond, soudé et poli

## 8229

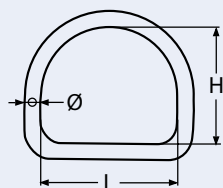
| Bestell-Nr.<br>Order no. | Ø  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 8229403_15               | 3  | 15 | 50  | 0,45                 |
| 8229403_20               | 3  | 20 | 50  | 0,50                 |
| 8229403_30               | 3  | 30 | 50  | 0,55                 |
| 8229404_25               | 4  | 25 | 50  | 0,65                 |
| 8229404_30               | 4  | 30 | 50  | 0,70                 |
| 8229404_35               | 4  | 35 | 50  | 0,80                 |
| 8229405_30               | 5  | 30 | 20  | 0,95                 |
| 8229405_40               | 5  | 40 | 20  | 1,05                 |
| 8229406_35               | 6  | 35 | 20  | 1,40                 |
| 8229406_40               | 6  | 40 | 20  | 1,50                 |
| 8229406_45               | 6  | 45 | 20  | 1,55                 |
| 8229408_40               | 8  | 40 | 10  | 2,10                 |
| 8229408_50               | 8  | 50 | 10  | 3,20                 |
| 8229410_50               | 10 | 50 | 10  | 5,20                 |
| 8229410_60               | 10 | 60 | 10  | 5,30                 |
| 8229412_70               | 12 | 70 | 5   | 8,40                 |



## 8274

## D-Ring, geschweißt und poliert / A4-AISI 316

D-ring, welded and polished / Anneau semi circulaire, soudé et pol

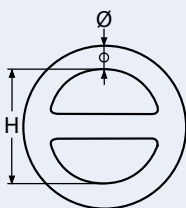


| Bestell-Nr.<br>Order no. | Ø | L  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|-----|----------------------|
| 8274403_15               | 3 | 15 | 15 | 10  | 0,60                 |
| 8274403_20               | 3 | 20 | 18 | 10  | 0,65                 |
| 8274404_20               | 4 | 20 | 18 | 10  | 0,85                 |
| 8274404_25               | 4 | 25 | 23 | 10  | 0,90                 |
| 8274405_25               | 5 | 25 | 23 | 10  | 1,10                 |
| 8274405_30               | 5 | 30 | 26 | 10  | 1,25                 |
| 8274406_30               | 6 | 30 | 27 | 10  | 1,60                 |
| 8274406_40               | 6 | 40 | 36 | 10  | 2,00                 |
| 8274406_50               | 6 | 50 | 47 | 5   | 2,30                 |
| 8274408_50               | 8 | 50 | 36 | 5   | 3,70                 |

## 8963

## Ring mit Steg / A4-AISI 316

D-ring with bar / Anneau semi circulaire à barette

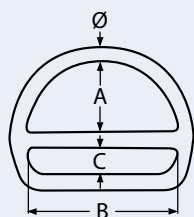


| Bestell-Nr.<br>Order no. | Ø  | H  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-------|-----|----------------------|
| 8963406040               | 6  | 40 | 2700  | 10  | 2,40                 |
| 8963408050               | 8  | 50 | 5000  | 10  | 4,60                 |
| 8963410060               | 10 | 60 | 8500  | 5   | 7,70                 |
| 8963412080               | 12 | 80 | 10000 | 5   | 16,00                |

## 8975

## Ring mit Doppelsteg / A4-AISI 316

Double layer D-ring / Anneau barrette double

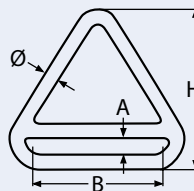


| Bestell-Nr.<br>Order no. | Ø | A  | B  | C  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|----|-------|-----|----------------------|
| 8975406050               | 6 | 28 | 40 | 10 | 1800  | 10  | 3,20                 |
| 8975408050               | 8 | 28 | 40 | 10 | 2800  | 10  | 5,60                 |

## 8965

## Triangel mit Steg / A4-AISI 316

Triangle with cross bar / Triangle à barré



| Bestell-Nr.<br>Order no. | Ø | A | B  | H  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---|---|----|----|-------|-----|----------------------|
| 8965405                  | 5 | 5 | 53 | 52 | 1300  | 10  | 3,00                 |
| 8965406                  | 6 | 5 | 54 | 53 | 2000  | 10  | 3,20                 |
| 8965408                  | 8 | 5 | 56 | 62 | 2800  | 10  | 4,80                 |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

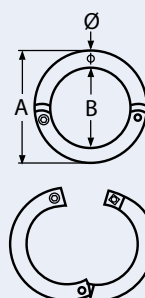
6

## Ring, zweiteilig mit Schraube / A2-AISI 304

Two-part ring with screw / Anneau, 2 parties

8964

| Bestell-Nr.<br>Order no. | Ø | A  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|-----|----------------------|
| 8964206                  | 6 | 42 | 30 | 10  | 4,00                 |
| 8964208                  | 8 | 51 | 35 | 10  | 6,40                 |

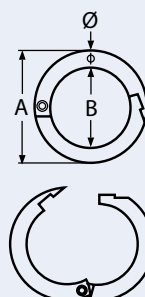


## Ring, zweiteilig mit Schnapp-Schnellverschluss / A2-AISI 304

Two-part ring, with snap fastener / Anneau, deux parties, avec fermoir rapide

814188

| Bestell-Nr.<br>Order no. | Ø | A  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|-----|----------------------|
| 814188206                | 6 | 42 | 30 | 10  | 3,70                 |
| 814188208                | 8 | 51 | 35 | 10  | 4,50                 |

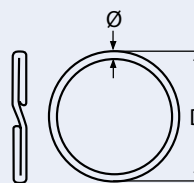


## Schlüsselring / 1.4034-AISI 420 C

Key ring / Anneau brisé

8501

| Bestell-Nr.<br>Order no. | D  | Ø   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|-----|----------------------|
| 8501220                  | 20 | 1,4 | 100 | 0,20                 |
| 8501230                  | 30 | 2,0 | 100 | 0,50                 |

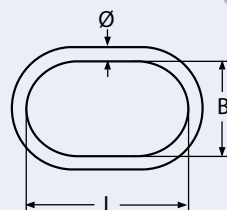


## Ovalring, schwere Ausführung / A4-AISI 316

Oval ring, heavy duty / Anneau ovale version lourde

814071

| Bestell-Nr.<br>Order no. | Ø  | L   | B  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|-------|-----|----------------------|
| 814071413                | 13 | 120 | 63 | 3600  | 5   | 16,00                |
| 814071416                | 16 | 146 | 76 | 5440  | 5   | 39,00                |
| 814071419                | 19 | 165 | 89 | 7250  | 5   | 56,70                |



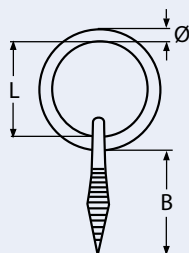
# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

**8270**
**Ringnagel, geschweißt und poliert / A4-AISI 316**

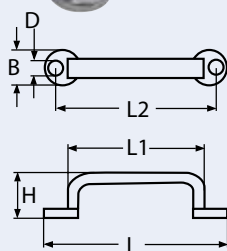
Ring nail, welded and polished / Anneau rond avec pointe, soudé et poli



| Bestell-Nr.<br>Order no. | Ø | L  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|-----|----------------------|
| 827043                   | 3 | 25 | 35 | 10  | 1,50                 |
| 827044                   | 4 | 30 | 35 | 10  | 2,10                 |
| 827045                   | 5 | 35 | 38 | 10  | 2,70                 |
| 827046                   | 6 | 40 | 40 | 10  | 3,40                 |
| 827048                   | 8 | 45 | 40 | 5   | 4,50                 |

**8335**
**Griff, poliert / A2-AISI 304**

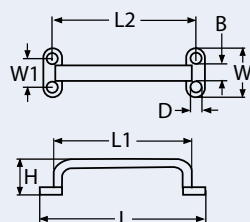
Handle, polished / Poignée poli



| Bestell-Nr.<br>Order no. | L   | L1 | L2 | H  | B  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|----|----|-----|----------------------|
| 83352065                 | 65  | 48 | 57 | 16 | 13 | 7  | 5   | 6,00                 |
| 83352080                 | 80  | 64 | 72 | 20 | 14 | 8  | 5   | 6,50                 |
| 83352100                 | 100 | 75 | 88 | 25 | 18 | 10 | 5   | 7,00                 |

**8336**
**Griff, poliert / A2-AISI 304**

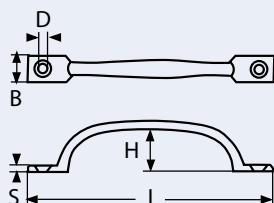
Handle, polished / Poignée poli



| Bestell-Nr.<br>Order no. | L   | L1  | L2  | W1 | H  | W  | B  | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----|----|----|----|-----|-----|----------------------|
| 83362118                 | 118 | 100 | 105 | 26 | 27 | 36 | 12 | 5,5 | 5   | 12,40                |
| 83362152                 | 152 | 130 | 135 | 35 | 32 | 43 | 18 | 5,5 | 2   | 14,00                |

**814078**
**Griff / A4-AISI 316**

Handle / Poignée



| Bestell-Nr.<br>Order no. | L   | H    | S   | B  | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|-----|----|-----|-----|----------------------|
| 8140784106               | 150 | 27,5 | 3,6 | 17 | 6,5 | 5   | 6,40                 |

# Scharniere, Griffe, Haken und Ringe

Hinges, handles, hooks and rings

Charnières, poignées, crochets et anneaux

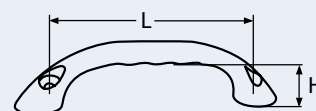
6

Handgriff / A4-AISI 316

Handle / Poignée

814724

| Bestell-Nr.<br>Order no. | L   | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8147244124               | 124 | 32 | 1   | 38,00                |

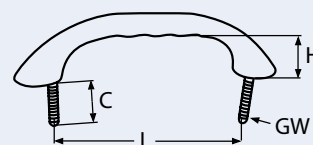


Handgriff mit Gewinde / A4-AISI 316

Handle with thread / Poignée

814725

| Bestell-Nr.<br>Order no. | L   | H  | C  | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|-----|----------------------|
| 8147254124               | 124 | 32 | 37 | M6 | 1   | 43,10                |

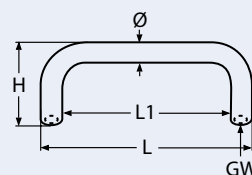


Handgriff / A2-AISI 304

Handle / Poignée

814680

| Bestell-Nr.<br>Order no. | Ø  | L   | L1  | H  | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|-----|----|----|-----|----------------------|
| 8146802142               | 16 | 142 | 110 | 53 | M8 | 5   | 15,00                |
| 8146802215               | 19 | 215 | 175 | 56 | M8 | 5   | 20,00                |





# Kapitel 7

## Chapter 7

### Klampen, Blöcke und Bolzen

#### Cleats, blocks and bolts





# Klappen, Blöcke und Bolzen

Cleats, blocks and bolts

Taquets, poulies et cadènes

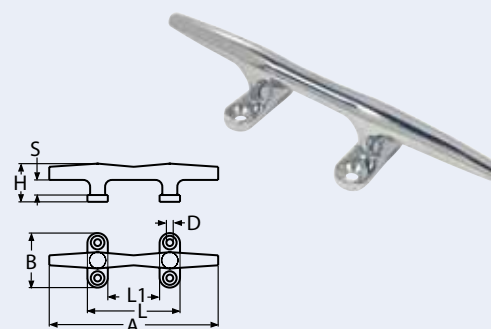
# 7

## Belegklampe rund, mit 4 Bohrungen / A4-AISI 316

Hollow base cleat / Taquet avec 4 trous

### 8217

| Bestell-Nr.<br>Order no. | H    | S    | B    | A    | L     | L1   | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|------|------|------|------|-------|------|-----|-----|----------------------|
| 82174100                 | 25,8 | 14   | 37   | 99,6 | 64    | 36   | 5,2 | 1   | 8,70                 |
| 82174125                 | 28,2 | 13,5 | 40   | 125  | 69,3  | 40   | 5,5 | 1   | 11,00                |
| 82174150                 | 30,3 | 13   | 44   | 149  | 71    | 39,7 | 6,2 | 1   | 14,00                |
| 82174200                 | 38,7 | 18,9 | 51,7 | 200  | 89,2  | 54   | 6   | 1   | 22,50                |
| 82174250                 | 47,5 | 20,5 | 63,8 | 251  | 112,4 | 74   | 8,2 | 1   | 36,20                |
| 82174300                 | 53,1 | 24,8 | 70,6 | 300  | 120   | 77,5 | 8,4 | 1   | 53,60                |

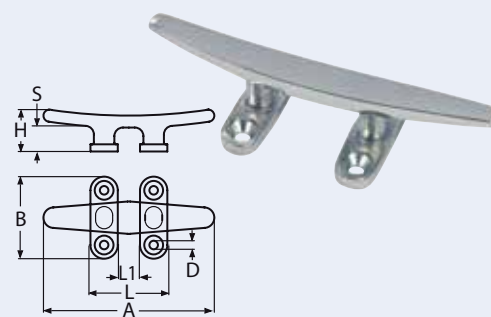


## Belegklampe flach, mit 4 Bohrungen / A4-AISI 316

Low flat cleat / Taquet avec 4 trous

### 8218

| Bestell-Nr.<br>Order no. | H  | S  | B  | A   | L  | L1 | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----|----|-----|-----|----------------------|
| 82184100                 | 22 | 15 | 36 | 98  | 42 | 17 | 4,6 | 1   | 10,00                |
| 82184125                 | 25 | 19 | 46 | 124 | 56 | 26 | 5,5 | 1   | 12,00                |
| 82184150                 | 29 | 20 | 60 | 150 | 70 | 33 | 6,1 | 1   | 23,10                |
| 82184200                 | 40 | 29 | 60 | 200 | 80 | 34 | 6,5 | 1   | 30,80                |
| 82184250                 | 41 | 28 | 65 | 250 | 78 | 29 | 7,6 | 1   | 54,30                |

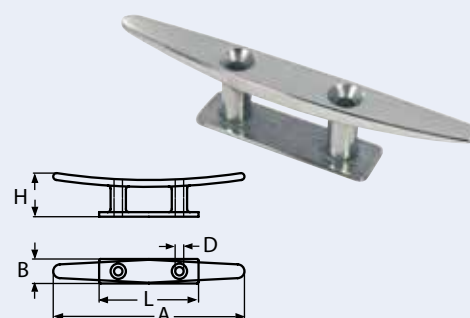


## Belegklampe flach, mit 2 Bohrungen / A4-AISI 316

Low flat cleat / Taquet avec 2 trous

### 8221

| Bestell-Nr.<br>Order no. | A   | B  | H    | L   | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|-----|-----|----------------------|
| 82214100                 | 100 | 14 | 23,5 | 50  | 4,4 | 1   | 10,00                |
| 82214125                 | 125 | 15 | 30   | 65  | 4,4 | 1   | 13,00                |
| 82214150                 | 150 | 20 | 32   | 75  | 5,3 | 1   | 17,00                |
| 82214200                 | 200 | 23 | 42   | 80  | 6,6 | 1   | 26,50                |
| 82214250                 | 250 | 25 | 52   | 105 | 8,3 | 1   | 34,00                |

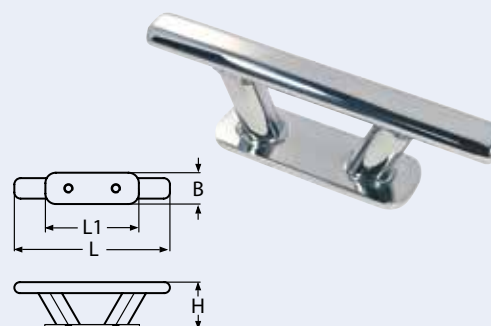


## Klampe / A4-AISI 316

Cleat / Taquet taraudé

### 8680

| Bestell-Nr.<br>Order no. | L   | L1  | B  | H  | GW  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|----|-----|-----|----------------------|
| 86804150_30              | 150 | 90  | 30 | 45 | M6  | 1   | 30,00                |
| 86804200_35              | 200 | 120 | 35 | 54 | M6  | 1   | 39,00                |
| 86804250_40              | 250 | 150 | 40 | 70 | M8  | 1   | 74,00                |
| 86804300_50              | 300 | 160 | 50 | 80 | M14 | 1   | 100,00               |



# Klappen, Blöcke und Bolzen

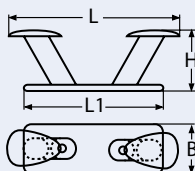
Cleats, blocks and bolts

Taquets, poulies et cadènes

**8529**

## Horn-Poller / A4-AISI 316

Horn bollard / Bitte d'amarrage taraudée

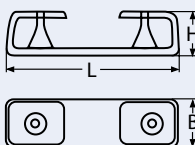
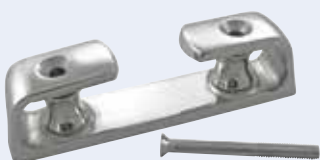


| Bestell-Nr.<br>Order no. | L   | L1  | B  | H   | GW  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|-----|-----|-----|----------------------|
| 85294160                 | 160 | 150 | 60 | 65  | M10 | 1   | 56,00                |
| 85294200                 | 200 | 165 | 65 | 70  | M10 | 1   | 78,00                |
| 85294240                 | 220 | 200 | 70 | 85  | M10 | 1   | 128,00               |
| 85294300                 | 300 | 255 | 80 | 100 | M12 | 1   | 170,00               |
| 85294350                 | 340 | 310 | 90 | 115 | M18 | 1   | 254,00               |

**814303**

## Klüssenklampe / A4-AISI 316

Fairlead roller / Chaumards à galets

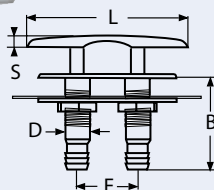


| Bestell-Nr.<br>Order no. | Für Seil<br>For rope | L   | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------|-----|----|----|-----|----------------------|
| 8143034205_40            | 16 - 22              | 205 | 40 | 55 | 1   | 107,00               |
| 8143034260_45            | 24 - 30              | 260 | 45 | 75 | 1   | 148,00               |

**8827**

## Klampe, versenkbar / A4-AISI 316

Pull out flat cleat / Taquet coulissant

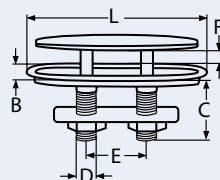


| Bestell-Nr.<br>Order no. | L   | B  | S | E  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|---|----|----|-----|----------------------|
| 88274100                 | 100 | 50 | 4 | 45 | 19 | 1   | 87,00                |
| 88274150                 | 150 | 60 | 4 | 57 | 22 | 1   | 137,00               |
| 88274200                 | 200 | 70 | 5 | 70 | 25 | 1   | 200,00               |
| 88274250                 | 250 | 95 | 6 | 87 | 31 | 1   | 324,00               |

**814218**

## Klampe, versenkbar mit Federautomatik / A4-AISI 316

Automatic pull out cleat, spring loaded / Taquet avec Système ressort



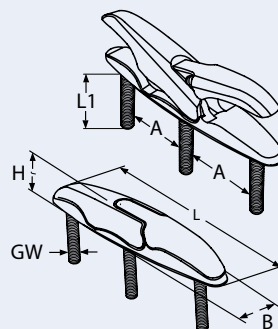
| Bestell-Nr.<br>Order no. | L   | B  | C   | D  | E  | F  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----|----|----|-----|----------------------|
| 8142184120               | 120 | 32 | 75  | 22 | 44 | 19 | 1   | 128,00               |
| 8142184170               | 170 | 38 | 94  | 25 | 58 | 22 | 1   | 164,00               |
| 8142184224               | 224 | 46 | 113 | 35 | 76 | 25 | 1   | 258,00               |
| 8142184278               | 278 | 50 | 132 | 38 | 87 | 30 | 1   | 338,00               |

## Klappklampe "X" Typ mit Gewinde / A4-AISI 316

Folding cleat "X" type / Taquet encastrable type „X“ avec filetage

### 814639

| Bestell-Nr.<br>Order no. | L   | B  | H   | L1 | A  | GW  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----|----|-----|-----|----------------------|
| 8146394150               | 150 | 22 | 60  | 52 | 54 | M10 | 1   | 85,00                |
| 8146394200               | 200 | 30 | 80  | 56 | 70 | M10 | 1   | 164,00               |
| 8146394250               | 250 | 36 | 100 | 60 | 90 | M10 | 1   | 272,00               |

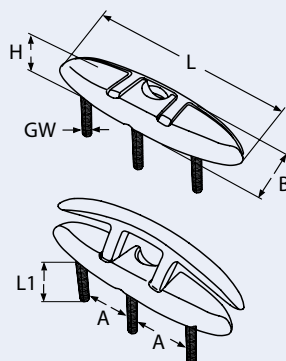


## Klappklampe mit Gewinde / A4-AISI 316

Folding cleat with thread / Taquet encastrable avec filetage

### 814640

| Bestell-Nr.<br>Order no. | L   | B  | H    | L1 | A  | GW  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|----|----|-----|-----|----------------------|
| 8146404155               | 155 | 54 | 13,5 | 51 | 35 | M10 | 1   | 72,00                |
| 8146404200               | 200 | 73 | 15,0 | 63 | 47 | M10 | 1   | 100,00               |

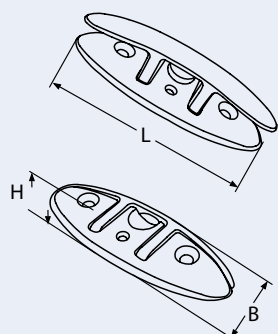


## Klappklampe / A4-AISI 316

Folding cleat / Taquet encastrable à visser

### 814641

| Bestell-Nr.<br>Order no. | L   | B  | H    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|----------------------|
| 8146414155               | 155 | 54 | 13,5 | 1   | 71,00                |
| 8146414200               | 200 | 73 | 15,0 | 1   | 107,00               |



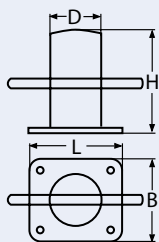
# Klampen, Blöcke und Bolzen

Cleats, blocks and bolts

Taquets, poulies et cadènes

**8508**
**Poller / A2-AISI 304**

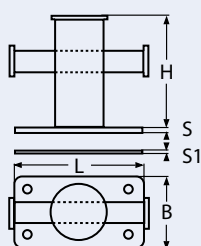
Bollard / Bitte d'amarrage



| Bestell-Nr.<br>Order no. | B  | L   | H   | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|-----|----|-----|----------------------|
| 85082090                 | 80 | 90  | 100 | 50 | 1   | 40,00                |
| 85082120                 | 95 | 120 | 120 | 60 | 1   | 60,00                |

**8557**
**Poller mit Konterplatte / A2-AISI 304**

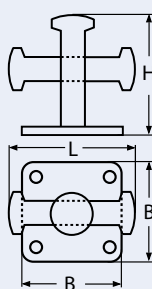
Bollard with balance plate / Bitte d'amarrage avec contre plaque



| Bestell-Nr.<br>Order no. | L   | B   | H   | S | S1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|---|----|-----|----------------------|
| 85572200                 | 200 | 110 | 180 | 6 | 3  | 1   | 172,00               |

**8885**
**Kreuzpoller / A4-AISI 316**

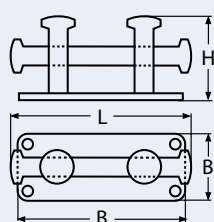
Cross bollard / Bitte d'amarrage en croix



| Bestell-Nr.<br>Order no. | B       | H  | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------|----|----|-----|----------------------|
| 8885460_60               | 60 x 60 | 85 | 83 | 1   | 63,00                |

**8886**
**Doppelkreuzpoller / A4-AISI 316**

Double cross bollard / Bitte d'amarrage double croix



| Bestell-Nr.<br>Order no. | B        | H  | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|----------|----|-----|-----|----------------------|
| 88864150_60              | 150 x 60 | 85 | 170 | 1   | 130,00               |



# Klappen, Blöcke und Bolzen

Cleats, blocks and bolts

Taquets, poulies et cadènes

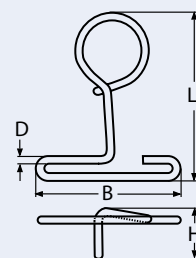
# 7

## Notklampe / A4-AISI 316

Self-setting cleat / Porte taquet

### 8517

| Bestell-Nr.<br>Order no. | L   | B   | H  | D | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|---|-----|----------------------|
| 85174180_155             | 188 | 155 | 85 | 8 | 4   | 18,00                |

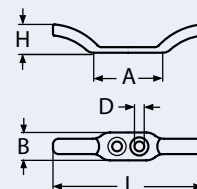


## Flaggenklampe / A2-AISI 304

Flag pole cleat / Taquet pour fanion

### 8367

| Bestell-Nr.<br>Order no. | L  | B  | A  | H  | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|-----|----------------------|
| 8367250                  | 50 | 10 | 22 | 10 | 3,7 | 10  | 1,80                 |
| 8367280                  | 80 | 10 | 38 | 19 | 5   | 10  | 3,00                 |

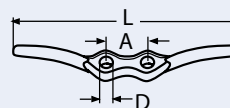


## Flaggenklampe / A4-AISI 316

Flag pole cleat / Taquet pour fanion

### 8973

| Bestell-Nr.<br>Order no. | L   | D   | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|-----|----------------------|
| 89734068                 | 68  | 4,1 | 10 | 10  | 1,80                 |
| 89734114                 | 114 | 5,8 | 21 | 10  | 2,70                 |
| 89734150                 | 150 | 6,7 | 24 | 10  | 4,60                 |

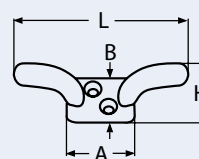


## Flaggenklampe mit gewölbter Grundplatte / A4-AISI 316

Flag pole cleat with curved plate / Taquet ovale pour fanion

### 814137

| Bestell-Nr.<br>Order no. | L  | H  | A  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 814137459                | 59 | 20 | 25 | 18 | 5   | 9,60                 |



# Klappen, Blöcke und Bolzen

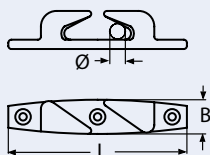
Cleats, blocks and bolts

Taquets, poulies et cadènes

## 8219

### Lippklampe / A4-AISI 316

Skene bow chocks / Chaumard croisé

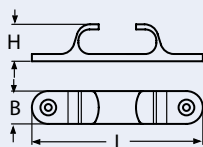


| Bestell-Nr.<br>Order no. | L       | B  | Tau-Ø<br>Rope-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|---------|----|-----------------|-----|----------------------|
| 82194L115                | 115 L   | 23 | 10              | 1   | 10,60                |
| 82194R115                | 115 R   | 23 | 10              | 1   | 10,60                |
| 82194L150                | 150 L   | 35 | 16              | 1   | 19,10                |
| 82194R150                | 150 R   | 35 | 16              | 1   | 19,10                |
| 82194P115                | 115 L+R | 23 | 10              | 2   | 10,60                |
| 82194P150                | 150 L+R | 35 | 16              | 2   | 18,90                |

## 8220

### Lippklampe / A4-AISI 316

Straight chocks / Chaumard droit

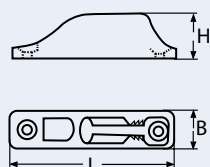
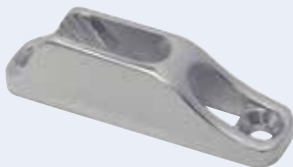


| Bestell-Nr.<br>Order no. | L   | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|----------------------|
| 82204125                 | 125 | 23 | 27 | 1   | 14,90                |
| 82204155                 | 155 | 23 | 27 | 1   | 16,90                |

## 8865

### Tauklemme für Seil 4-6 mm / A4-AISI 316

Rope clamp for rope 4-6 mm / Bride de corde de 4-6 mm



| Bestell-Nr.<br>Order no. | L  | B  | H    | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|-----|----------------------|
| 8865455_17               | 55 | 15 | 18,5 | 10  | 11,00                |
| 8865470_15               | 70 | 17 | 18,7 | 10  | 11,40                |
| 8865482_18               | 82 | 18 | 23,2 | 10  | 13,00                |

# Klampen, Blöcke und Bolzen

Cleats, blocks and bolts

Taquets, poulies et cadènes

7

## Mini Block mit Kunststoffrolle und Bügel / A2-AISI 304

Single block with nylon sheave and bracket / Poulie simple avec réa en nylon

8840

| Bestell-Nr.<br>Order no. | Rollen-Ø<br>Reels-Ø | Rille<br>Groove | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|-----------------|-----|----------------------|
| 8840225                  | 25                  | 6               | 1   | 3,40                 |



## Mini-Block mit Kunststoffrolle und austauschbarem Bolzen und Bügel / A4-AISI 316

Single block with removable pin and bracket on top, nylon sheave / Poulie simple avec réa en nylon

8391

| Bestell-Nr.<br>Order no. | Rollen-Ø<br>Reels-Ø | Rille/mm<br>Groove/mm | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|-----------------------|-----|----------------------|
| 8391425                  | 25                  | 6                     | 1   | 5,50                 |



7

## Mini-Block mit Kunststoffrolle und austauschbarem Bolzen / A4-AISI 316

Single block with removable pin, nylon sheave / Poulie simple avec réa en nylon

8407

| Bestell-Nr.<br>Order no. | Rollen-Ø<br>Reels-Ø | Rille/mm<br>Groove/mm | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|-----------------------|-----|----------------------|
| 8407425                  | 25                  | 6                     | 1   | 4,50                 |



# Klappen, Blöcke und Bolzen

Cleats, blocks and bolts

Taquets, poulies et cadènes

814608



1



2



3

814609



1



2



3



4



5



6



7



8



9



10



11

# Klampen, Blöcke und Bolzen

Cleats, blocks and bolts  
Taquets, poulies et cadènes

7

## Sprenger Super Miniblock / A2-AISI 304

Sprenger super mini block / Sprenger poulie super mini

814608

|   | Bestell-Nr.<br>Order no. | Beschreibung<br>Description                               | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | L  | BL/Kg | Box | *€/Stück<br>*€/piece |
|---|--------------------------|-----------------------------------------------------------|------------------|-----------------------|----|-------|-----|----------------------|
| 1 | 8146082-01               | Drahtwirbel<br>Wire swivel                                | 10               | 20 x 10               | 55 | 150   | 5   | 8,40                 |
| 2 | 8146082-02               | Hundsfott<br>Becket                                       | 10               | 20 x 10               | 53 | 500   | 5   | 12,00                |
| 3 | 8146082-03               | Drahtwirbel und Fenderöse<br>Wire swivel and fender cleat | 10               | 20 x 10               | 64 | 150   | 5   | 12,60                |

## Sprenger Micro XS Block mit Kugellager / A2-AISI 304

Sprenger micro XS block with ball bearing / Sprenger poulie micro XS avec plastic et palier à billes

814609

|    | Bestell-Nr.<br>Order no. | Beschreibung<br>Description                                         | Rollen<br>Sheaves | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | BL/Kg | Box | *€/Stück<br>*€/piece |
|----|--------------------------|---------------------------------------------------------------------|-------------------|------------------|-----------------------|-------|-----|----------------------|
| 1  | 8146092-01               | Bügel<br>Bow                                                        | 1                 | max. 6           | 19                    | 450   | 1   | 14,70                |
| 2  | 8146092-02               | Wirbel<br>Swivel                                                    | 1                 | max. 6           | 19                    | 450   | 1   | 29,40                |
| 3  | 8146092-03               | Bügel und Hundsfott<br>Bow and becket                               | 1                 | max. 6           | 19                    | 450   | 1   | 20,00                |
| 4  | 8146092-04               | Wirbel und Hundsfott<br>Swivel and becket                           | 1                 | max. 6           | 19                    | 450   | 1   | 36,80                |
| 5  | 8146092-05               | Bügel<br>Bow                                                        | 2                 | max. 6           | 19                    | 450   | 1   | 38,90                |
| 6  | 8146092-06               | Bügel und Hundsfott<br>Bow and becket                               | 2                 | max. 6           | 19                    | 450   | 1   | 46,20                |
| 7  | 8146092-07               | Bügel<br>Bow                                                        | 3                 | max. 6           | 19                    | 450   | 1   | 52,50                |
| 8  | 8146092-08               | Bügel und Hundsfott<br>Bow and becket                               | 3                 | max. 6           | 19                    | 450   | 1   | 65,10                |
| 9  | 8146092-09               | Bügel und Schotklemme<br>Bow and cam cleat                          | 3                 | max. 6           | 19                    | 450   | 1   | 115,50               |
| 10 | 8146092-10               | Bügel,<br>Schotklemme und Hundsfott<br>Bow, cam cleat<br>and becket | 3                 | max. 6           | 19                    | 450   | 1   | 118,70               |
| 11 | 8146092-11               | Liegeblock mit Lasche<br>Block with strap                           | 1                 | max. 6           | 19                    | 450   | 1   | 27,30                |



# Klampen, Blöcke und Bolzen

Cleats, blocks and bolts

Taquets, poulies et cadènes

814610



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## Sprenger Blöcke für 6mm Schot Kunststoffrollen mit Gleitlager/ A2-AISI 304 Sprenger blocks for 6mm sheet with plastic sheaves and slide bearing / \*\*

### 814610

|    | Bestell-Nr.<br>Order no. | Beschreibung<br>Description                                          | Rollen<br>Sheaves | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | BL/Kg | Box | *€/Stück<br>*€/piece |
|----|--------------------------|----------------------------------------------------------------------|-------------------|------------------|-----------------------|-------|-----|----------------------|
| 1  | 8146102-01               | Bügel<br>Bow                                                         | 1                 | max. 6           | 25 x 9,2              | 700   | 1   | 14,70                |
| 2  | 8146102-02               | Wirbel<br>Swivel                                                     | 1                 | max. 6           | 25 x 9,2              | 700   | 1   | 26,30                |
| 3  | 8146102-03               | Hohlachse<br>Hollow axle                                             | 1                 | max. 6           | 25 x 9,2              | 700   | 1   | 16,80                |
| 4  | 8146102-04               | Drehbare Grundplatte<br>Swiveling base                               | 1                 | max. 6           | 25 x 9,2              | 700   | 1   | 28,40                |
| 5  | 8146102-05               | Bügel<br>Bow                                                         | 2                 | max. 6           | 25 x 9,2              | 700   | 1   | 24,20                |
| 6  | 8146102-06               | Wirbel<br>Swivel                                                     | 2                 | max. 6           | 25 x 9,2              | 700   | 1   | 36,80                |
| 7  | 8146102-07               | Bügel<br>Bow                                                         | 3                 | max. 6           | 25 x 9,2              | 700   | 1   | 31,50                |
| 8  | 8146102-08               | Bügel und Hundsfoth<br>Bow and becket                                | 3                 | max. 6           | 25 x 9,2              | 700   | 1   | 41,00                |
| 9  | 8146102-09               | Niederholer Block<br>mit V-Klemme<br>Jamming block with V-cleat      | 1                 | max. 6           | 25 x 9,2              | 700   | 1   | 24,80                |
| 10 | 8146102-10               | Niederholer Block<br>mit V-Klemme<br>Jamming block with V-cleat      | 2                 | max. 6           | 25 x 9,2              | 700   | 1   | 29,40                |
| 11 | 8146102-11               | Niederholer Block<br>mit V-Klemme<br>Jamming block with V-cleat      | 3                 | max. 6           | 25 x 9,2              | 700   | 1   | 37,80                |
| 12 | 8146102-12               | Niederholer Block<br>mit Schotklemme<br>Jamming block with cam-cleat | 2                 | max. 6           | 35 x 11<br>22 x 9,2   | 700   | 1   | 60,90                |

\*\*Sprenger poulie pour cordage 6mm avec r a plastic et palier   billes

# Klappen, Blöcke und Bolzen

Cleats, blocks and bolts

Taquets, poulies et cadènes

814613



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17

## Sprenger Blöcke für 8mm Schot mit Kunststoffseitenteilen und Kugellager

Sprenger blocks for 8mm sheet with plastic sides and ball bearing / \*\*

### 814613

|    | Bestell-Nr.<br>Order no. | Beschreibung<br>Description                             | Rollen<br>Sheaves | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | BL/Kg | Box | *€/Stück<br>*€/piece |
|----|--------------------------|---------------------------------------------------------|-------------------|------------------|-----------------------|-------|-----|----------------------|
| 1  | 8146133-01               | Bügel<br>Bow                                            | 1                 | 8                | 27 x 11,5             | 600   | 1   | 21,00                |
| 2  | 8146133-02               | Wirbel<br>Swivel                                        | 1                 | 8                | 27 x 11,5             | 600   | 1   | 27,30                |
| 3  | 8146133-03               | U-Wirbel<br>U-swivel                                    | 1                 | 8                | 27 x 11,5             | 600   | 1   | 35,70                |
| 4  | 8146133-04               | Hohlachse<br>Hollow axle                                | 1                 | 8                | 27 x 11,5             | 600   | 1   | 25,20                |
| 5  | 8146133-05               | Bügel und Hundsfoth<br>Bow and becket                   | 1                 | 8                | 27 x 11,5             | 600   | 1   | 26,30                |
| 6  | 8146133-06               | Wirbel und Hundsfoth<br>Swivel and becket               | 1                 | 8                | 27 x 11,5             | 600   | 1   | 32,60                |
| 7  | 8146133-07               | Bügel<br>Bow                                            | 2                 | 8                | 27 x 11,5             | 600   | 1   | 29,40                |
| 8  | 8146133-08               | Bügel und Hundsfoth<br>Bow and becket                   | 2                 | 8                | 27 x 11,5             | 600   | 1   | 36,80                |
| 9  | 8146133-09               | Wirbel und Hundsfoth<br>Swivel and becket               | 2                 | 8                | 27 x 11,5             | 600   | 1   | 46,20                |
| 10 | 8146133-10               | Bügel<br>Bow                                            | 3                 | 8                | 27 x 11,5             | 600   | 1   | 54,60                |
| 11 | 8146133-11               | Wirbel<br>Swivel                                        | 3                 | 8                | 27 x 11,5             | 600   | 1   | 59,90                |
| 12 | 8146133-12               | Bügel und Hundsfoth<br>Bow and becket                   | 3                 | 8                | 27 x 11,5             | 600   | 1   | 64,10                |
| 13 | 8146133-13               | Wirbel und Schotklemme<br>Swivel and cam cleat          | 3                 | 8                | 27 x 11,5             | 600   | 1   | 142,80               |
| 14 | 8146133-14               | Travellerblock                                          | 2                 | 8                | 27 x 11,5             | 600   | 1   | 41,00                |
| 15 | 8146133-15               | Mit Fenderöse und Feder<br>With fender cleat and spring | 1                 | 8                | 27 x 11,5             | 600   | 1   | 29,40                |
| 16 | 8146133-16               | Relingstützen-Block<br>Rail stanchion block             | 1                 | 8                | 27 x 11,5             | 600   | 1   | 37,80                |
| 17 | 8146133-17               | Wirbel für 8 mm Blöcke<br>Swivel for 8 mm blocks        |                   |                  |                       |       | 1   | 13,70                |

\*\*Sprenger poulie pour cordage 8MM avec pièce latérale plastique et palier à billes

# Klampen, Blöcke und Bolzen

Cleats, blocks and bolts

Taquets, poulies et cadènes

814614



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## Sprenger Blöcke für 10mm Schot mit Kunststoffseitenteilen und Kugellager

Sprenger blocks for 10mm sheet with plastic sides and ball bearing / \*\*

**814614**

|    | Bestell-Nr.<br>Order no. | Beschreibung<br>Description                                                              | Rollen<br>Sheaves | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | BL/Kg | Box | *€/Stück<br>*€/piece |
|----|--------------------------|------------------------------------------------------------------------------------------|-------------------|------------------|-----------------------|-------|-----|----------------------|
| 1  | 8146143-01               | Bügel<br>Bow                                                                             | 1                 | 10               | 35 x 12               | 850   | 1   | 25,20                |
| 2  | 8146143-02               | Wirbel<br>Swivel                                                                         | 1                 | 10               | 35 x 12               | 850   | 1   | 39,90                |
| 3  | 8146143-03               | Bügel und Hundsfoth<br>Bow and becket                                                    | 1                 | 10               | 35 x 12               | 850   | 1   | 32,60                |
| 4  | 8146143-04               | Wirbel und Hundsfoth<br>Swivel and becket                                                | 1                 | 10               | 35 x 12               | 850   | 1   | 53,60                |
| 5  | 8146143-05               | Mit Fenderöse und Feder<br>With fender cleat and spring                                  | 1                 | 10               | 35 x 12               | 850   | 1   | 35,70                |
| 6  | 8146143-06               | Bügel<br>Bow                                                                             | 2                 | 10               | 35 x 12               | 850   | 1   | 52,50                |
| 7  | 8146143-07               | Wirbel<br>Swivel                                                                         | 2                 | 10               | 35 x 12               | 850   | 1   | 73,50                |
| 8  | 8146143-08               | Bügel<br>Bow                                                                             | 3                 | 10               | 35 x 12               | 850   | 1   | 81,90                |
| 9  | 8146143-09               | Bügel und Hundsfoth<br>Bow and becket                                                    | 3                 | 10               | 35 x 12               | 850   | 1   | 94,50                |
| 10 | 8146143-10               | Wirbel und Hundsfoth<br>Swivel and becket                                                | 3                 | 10               | 35 x 12               | 850   | 1   | 107,10               |
| 11 | 8146143-11               | Violinenblock mit Bügel<br>Violin shaped block with bow                                  | 2                 | 10               | 44 x 12<br>26 x 12    | 850   | 1   | 49,40                |
| 12 | 8146143-12               | Violinenblock mit Schotklemme<br>Violin shaped block with cam cleat                      | 2                 | 10               | 46 x 12<br>26 x 12    | 850   | 1   | 130,20               |
| 13 | 8146143-13               | Grossschotblock mit Wirbel<br>und Hundsfoth<br>Mainsheet block with swivel<br>and becket | 1                 | 10               | 35 x 12               | 850   | 1   | 125,00               |
| 14 | 8146143-14               | Grossschotblock mit Wirbel<br>und Hundsfoth<br>Mainsheet block with swivel<br>and becket | 3                 | 10               | 35 x 12               | 850   | 1   | 172,20               |
| 15 | 8146143-15               | Wirbel für 10mm Blöcke<br>Swivel for 10mm blocks                                         |                   |                  |                       |       | 1   | 20,00                |

\*\*Sprenger poulie pour cordage 10mm avec pièce latérale plastique et palier à billes

814615



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## Sprenger Blöcke für 12mm Schot mit Kunststoffseitenteilen und Kugellager

Sprenger blocks for 12mm sheet with plastic sides and ball bearing / \*\*

### 814615

|    | Bestell-Nr.<br>Order no. | Beschreibung<br>Description                                                                | Rollen<br>Sheaves | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | BL/Kg | Box | *€/Stück<br>*€/piece |
|----|--------------------------|--------------------------------------------------------------------------------------------|-------------------|------------------|-----------------------|-------|-----|----------------------|
| 1  | 8146153-01               | Bügel<br>Bow                                                                               | 1                 | 12               | 50 x 14               | 1000  | 1   | 36,80                |
| 2  | 8146153-02               | Wirbel<br>Swivel                                                                           | 1                 | 12               | 50 x 14               | 1000  | 1   | 47,30                |
| 3  | 8146153-03               | Bügel und Hundsfoth<br>Bow and becket                                                      | 1                 | 12               | 50 x 14               | 1000  | 1   | 43,10                |
| 4  | 8146153-04               | Bügel<br>Bow                                                                               | 2                 | 12               | 50 x 14               | 1000  | 1   | 65,10                |
| 5  | 8146153-05               | Bügel<br>Bow                                                                               | 3                 | 12               | 50 x 14               | 1000  | 1   | 105,00               |
| 6  | 8146153-06               | Bügel und Hundsfoth<br>Bow and becket                                                      | 2                 | 12               | 50 x 14               | 1000  | 1   | 74,60                |
| 7  | 8146153-07               | Bügel und Hundsfoth<br>Bow and becket                                                      | 3                 | 12               | 50 x 14               | 1000  | 1   | 102,90               |
| 8  | 8146153-08               | Violinenblock mit Bügel<br>Violin shaped block with bow                                    | 2                 | 12               | 50 x 14<br>29 x 14    | 1000  | 1   | 54,60                |
| 9  | 8146153-09               | Violinenblock mit Hundsfoth<br>und Wirbel<br>Violin shaped block with swivel<br>and becket | 2                 | 12               | 50 x 14<br>29 x 14    | 1000  | 1   | 71,40                |
| 10 | 8146153-10               | Violinenblock mit Schnappschäkel<br>Violin shaped block with<br>snap shackle               | 2                 | 12               | 50 x 14<br>29 x 14    | 1000  | 1   | 97,70                |
| 11 | 8146153-11               | Mit Schnappschäkel<br>With snap shackle                                                    | 1                 | 12               | 50 x 14               | 1000  | 1   | 71,40                |
| 12 | 8146153-12               | Grossschotblock mit Wirbel<br>und Hundsfoth<br>Mainsheet block with swivel<br>and becket   | 1                 | 12               | 50 x 14               | 1000  | 1   | 150,20               |
| 13 | 8146153-13               | Grossschotblock mit Wirbel<br>und Hundsfoth<br>Mainsheet block with swivel<br>and becket   | 3                 | 12               | 50 x 14               | 1000  | 1   | 220,50               |
| 14 | 8146153-14               | Wirbel für 12 mm Blöcke<br>Swivel for 12 mm blocks                                         |                   |                  |                       |       | 1   | 21,00                |

\*\*Sprenger poulie pour cordage 12 mm avec pièce latérale plastique et palier à billes

# Klappen, Blöcke und Bolzen

Cleats, blocks and bolts

Taquets, poulies et cadènes

**814611**

## Sprenger Blöcke für 8mm Schot Kunststoffrollen und Gleitlager / A2-AISI 304

Sprenger blocks for 8mm sheet with plastic sheaves and slide bearing / \*\*

|   | Bestell-Nr.<br>Order no. | Beschreibung<br>Description           | Rollen<br>Sheaves | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | BL/Kg | Box | *€/Stück<br>*€/piece |
|---|--------------------------|---------------------------------------|-------------------|------------------|-----------------------|-------|-----|----------------------|
| 1 | 8146112-01               | Ohne Bügel<br>Without bow             | 1                 | 8                | 30 x 10               | 800   | 1   | 14,70                |
| 2 | 8146112-02               | Bügel<br>Bow                          | 1                 | 8                | 30 x 10               | 800   | 1   | 16,80                |
| 3 | 8146112-03               | Bügel und Hundsfoth<br>Bow and becket | 1                 | 8                | 30 x 10               | 800   | 1   | 26,30                |
| 4 | 8146112-04               | Bügel und Hundsfoth<br>Bow and becket | 2                 | 8                | 30 x 10               | 800   | 1   | 44,10                |

\*\* Sprenger poulie pour cordage 8mm avec r a plastic et palier lisse

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**814616**

## Sprenger Stehblock mit Gleitlager / A2-AISI 304

Sprenger standing block with slide bearing / \*\*



| Bestell-Nr.<br>Order no. | Rollen<br>Sheaves | Seil-Ø<br>Rope-Ø | Rolle-Ø<br>Sheave-Ø | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|------------------|---------------------|-------|-----|----------------------|
| 8146162-01               | 1                 | 8                | 30 x 10             | 1200  | 1   | 17,60                |

\*\* Sprenger simple   plat pont r as vertical avec palier lisse

## Sprenger Blöcke für 10mm Schot Kunststoffrollen und Gleitlager / A2-AISI 304

Sprenger blocks for 10mm sheet with plastic sheaves and slide bearing / \*\*

### 814612

| Bestell-Nr.<br>Order no. | Beschreibung<br>Description           | Rollen<br>Sheaves | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------------------|-------------------|------------------|-----------------------|-------|-----|----------------------|
| 1 8146122-01             | Bügel<br>Bow                          | 1                 | 10               | 35 x 11               | 850   | 1   | 18,90                |
| 2 8146122-02             | Bügel und Hundsfoth<br>Bow and becket | 1                 | 10               | 35 x 11               | 850   | 1   | 26,30                |
| 3 8146122-03             | Bügel<br>Bow                          | 2                 | 10               | 35 x 11               | 850   | 1   | 32,50                |

\*\* Sprenger poulie pour cordage 10mm avec rœa plastic et palier lisse

1



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## Sprenger Einlassblock mit Kugellager / A2-AISI 304

Sprenger thru deck block with ball bearing / Sprenger poulies a encastrer avec palier à billes

### 814617

| Bestell-Nr.<br>Order no. | Rollen<br>Sheaves | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|------------------|-----------------------|-----|----------------------|
| 8146172-01               | 1                 | 8                | 27 x 11               | 1   | 45,20                |



## Sprenger Liegeblock mit Gleitlager / A2-AISI 304

Sprenger cheek block with slide bearing / Sprenger poulies de renovi avec palier lisse

### 814618

| Bestell-Nr.<br>Order no. | Rollen<br>Sheaves | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|------------------|-----------------------|-----|----------------------|
| 8146182-01               | 1                 | 12               | 50 x 14               | 1   | 36,80                |





# Klampen, Blöcke und Bolzen

Cleats, blocks and bolts

Taquets, poulies et cadènes

## 814619

### Sprenger Liegblock mit Gleitlager / Alu

Sprenger cheek block with slide bearing / Sprenger poulies de renvoi avec palier lisse



01



02

| Bestell-Nr.<br>Order no. | Rollen<br>Sheaves | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|------------------|-----------------------|-------|-----|----------------------|
| 8146190-01               | 1                 | 12               | 29 x 14               | 900   | 1   | 51,50                |
| 8146190-02               | 2                 | 12               | 29 x 14               | 900   | 1   | 66,20                |

## 814620

### Sprenger Seilrollen / A2-AISI 304

Sprenger rope sheaves/ Sprenger réas



| Bestell-Nr.<br>Order no. | Beschreibung<br>Description | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------|------------------|-----------------------|-----|----------------------|
| 8146203-25               | Kugellager<br>Ball bearing  | 4 - 5            | 25 x 6,6              | 1   | 18,70                |
| 8146203-27               | Kugellager<br>Ball bearing  | 8                | 27 x 10,5             | 1   | 49,30                |

## 814621

### Sprenger Seilrollen / Plastik

Sprenger rope sheaves/ Sprenger réas



| Bestell-Nr.<br>Order no. | Beschreibung<br>Description | Nabe<br>Hub | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------|-------------|------------------|-----------------------|-----|----------------------|
| 8146213-05               | Kugellager<br>Ball bearing  | 5           | 8                | 27 x 11               | 5   | 15,30                |
| 8146213-06               | Kugellager<br>Ball bearing  | 6           | 8                | 27 x 11               | 5   | 15,30                |

## 814623

### Sprenger Seilrollen / Plastik

Sprenger rope sheaves/ Sprenger réas



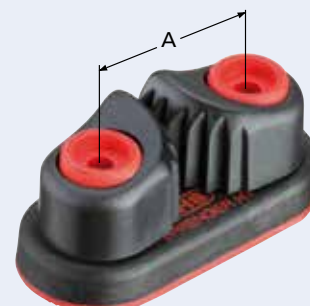
| Bestell-Nr.<br>Order no. | Beschreibung<br>Description | Achse<br>Pivot | Seil-Ø<br>Rope-Ø | Rollen-Ø<br>Sheaves-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------|----------------|------------------|-----------------------|-----|----------------------|
| 8146233-08_30            | Gleitlager<br>Slide bearing | 8,2            | 8                | 30 x 10,5             | 5   | 6,60                 |
| 8146233-10_35            | Gleitlager<br>Slide bearing | 8,2            | 10               | 35 x 11,5             | 5   | 6,90                 |
| 8146233-10_46            | Gleitlager<br>Slide bearing | 8,2            | 10               | 46 x 11,5             | 5   | 8,20                 |
| 8146233-12_50            | Gleitlager<br>Slide bearing | 8,2            | 12               | 50 x 13,8             | 5   | 8,80                 |

**Sprenger Schotklemmen**

Sprenger cam cleats / Sprenger taquet coniqueur

**814633**

| Bestell-Nr.<br>Order no. | Seil-Ø<br>Rope-Ø | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|-----|----------------------|
| 814633303                | 3 - 6            | 29 | 1   | 27,30                |
| 814633308                | 8 - 13           | 40 | 1   | 37,80                |

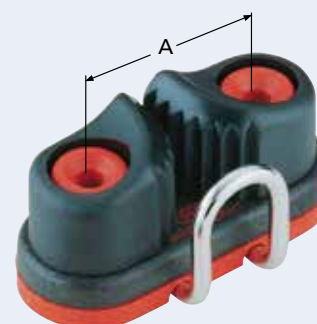


**Sprenger Schotklemmen mit Führung**

Sprenger cam cleats with fairlead / Sprenger taquet coniqueur avec filoir

**814634**

| Bestell-Nr.<br>Order no. | Seil-Ø<br>Rope-Ø | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|-----|----------------------|
| 814634303                | 3 - 6            | 29 | 1   | 39,90                |
| 814634308                | 8 - 13           | 40 | 1   | 53,60                |

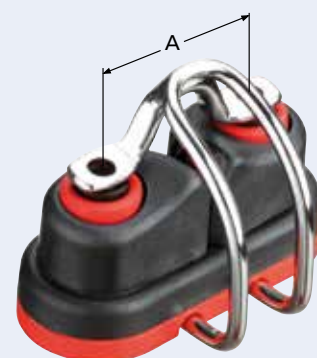


**Sprenger Schotklemmen mit Spezial-Führung**

Sprenger cam cleats with special lead / Sprenger taquet coniqueur avec guide spécial

**814635**

| Bestell-Nr.<br>Order no. | Seil-Ø<br>Rope-Ø | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|-----|----------------------|
| 814635303                | 3 - 6            | 29 | 1   | 53,60                |
| 814635308                | 8 - 13           | 40 | 1   | 65,10                |



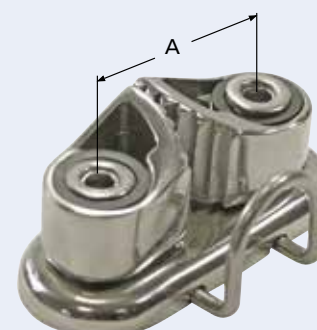
**HS SPRENGER**

**Schotklemme / A4-AISI 316**

Cam cleat / coinqueur pour cordage Ø 3 à 6 mm

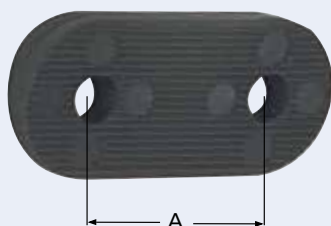
**814716**

| Bestell-Nr.<br>Order no. | Seil-Ø<br>Rope-Ø | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|----|-----|----------------------|
| 814716403                | 3 - 6            | 40 | 1   | 55,70                |



**814636**
**Sprenger Unterlegkeil für Schotklemme, 15°**

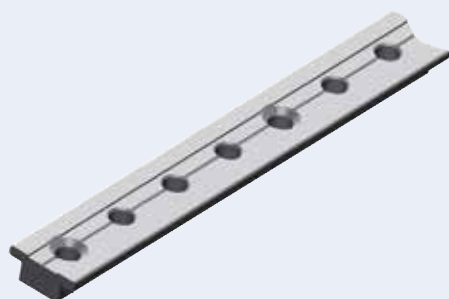
Sprenger wedge for cam cleats, 15° / Sprenger cône pour taquet coniqueur, 15°



| Bestell-Nr.<br>Order no. | Für Schotklemme<br>For cam cleat | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------------|----|-----|----------------------|
| 814636303                | 3 - 6                            | 29 | 1   | 7,40                 |
| 814636308                | 8 - 13                           | 40 | 1   | 8,40                 |

**814624**
**Sprenger Genua Schiene / Alu eloxiert**

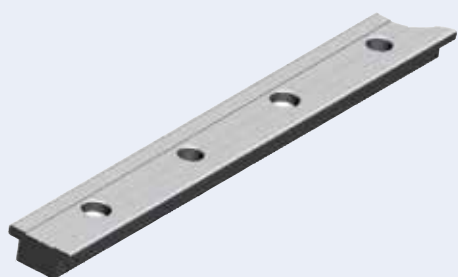
Sprenger track rail, anodized / Sprenger rail anodisé



| Bestell-Nr.<br>Order no. | Profil<br>Profile | Länge<br>Length | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|-----------------|-----|----------------------|
| 81462400300              | 20 x 3            | 300             | 2   | 14,30                |
| 81462400400              | 20 x 3            | 400             | 2   | 17,30                |
| 81462400500              | 20 x 3            | 500             | 2   | 22,70                |
| 81462401000              | 20 x 3            | 1000            | 2   | 39,40                |
| 81462401500              | 20 x 3            | 1500            | 2   | 59,20                |

**814625**
**Sprenger Genua Schiene / Alu eloxiert**

Sprenger track rail, anodized / Sprenger rail anodisé



| Bestell-Nr.<br>Order no. | Profil<br>Profile | Länge<br>Length | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|-----------------|-----|----------------------|
| 81462501000              | 25 x 4            | 1000            | 2   | 42,60                |
| 81462501500              | 25 x 4            | 1500            | 2   | 63,40                |
| 81462502000              | 25 x 4            | 2000            | 2   | 85,10                |

**814626**
**Sprenger Schienenendstücke / Plastik**

Sprenger track rail end stops/ Sprenger rail embout



| Bestell-Nr.<br>Order no. | Für Profil<br>For profile | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----|----------------------|
| 814626320                | 20 x 3                    | 10  | 3,50                 |
| 814626325                | 25 x 4                    | 10  | 4,90                 |

# Klappen, Blöcke und Bolzen

Cleats, blocks and bolts

Taquets, poulies et cadènes

7

## Sprenger Genuaschlitten / Alu

Sprenger adjustable sheet slider / Sprenger chariot i'avale tout

814627

| Bestell-Nr.<br>Order no. | Ausführung<br>Type                                        | Für Profile<br>For profile | Rollen-Ø<br>Sheaves-Ø | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------------------------------------|----------------------------|-----------------------|----|-----|----------------------|
| 8146270S                 | Silber eloxiert<br>Silver anodized                        | 20 x 3                     | 30 x 20               | 65 | 1   | 68,30                |
| 8146270B                 | Schwarz Kunststoff<br>beschichtet<br>Black plastic coated | 20 x 3                     | 30 x 20               | 65 | 1   | 74,60                |



8146270S



8146270B

## Sprenger Genuaschlitten / A2-AISI 304

Sprenger adjustable sheet slider / Sprenger chariot i'avale tout

814628

| Bestell-Nr.<br>Order no. | Ausführung<br>Type    | Für Profile<br>For profile | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------|----------------------------|----|-----|----------------------|
| 814628220                | Mit Bügel<br>With bow | 20 x 3                     | 65 | 1   | 37,80                |



## Sprenger Genuaschlitten / A2-AISI 304

Sprenger adjustable sheet slider / Sprenger chariot i'avale tout

814629

| Bestell-Nr.<br>Order no. | Ausführung<br>Type        | Für Profile<br>For profile | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|----------------------------|----|-----|----------------------|
| 814629220                | Mit Wirbel<br>With swivel | 20 x 3                     | 45 | 1   | 37,80                |



## Sprenger Genuaschlitten / Alu

Sprenger adjustable sheet slider / Sprenger chariot i'avale tout

814630

| Bestell-Nr.<br>Order no. | Ausführung<br>Type                                        | Für Profile<br>For profile | Rollen-Ø<br>Sheaves-Ø | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------------------------------------|----------------------------|-----------------------|----|-----|----------------------|
| 8146300S                 | Silber eloxiert<br>Silver anodized                        | 25 x 4                     | 40 x 25               | 88 | 1   | 118,70               |
| 8146300B                 | Schwarz Kunststoff<br>beschichtet<br>Black plastic coated | 25 x 4                     | 40 x 25               | 88 | 1   | 97,70                |



8146300S



8146300B

**HS SPRENGER**

# Klampen, Blöcke und Bolzen

Cleats, blocks and bolts

Taquets, poulies et cadènes

**814631**

## Sprenger Genuaschlitten / A2-AISI 304

Sprenger adjustable sheet slider / Sprenger chariot i'avale tout



| Bestell-Nr.<br>Order no. | Ausführung<br>Type    | Für Profile<br>For profile | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------|----------------------------|----|-----|----------------------|
| 814631225                | Mit Bügel<br>With bow | 25 x 4                     | 65 | 1   | 68,30                |


**814632**

## Sprenger Genuaschlitten / A2-AISI 304

Sprenger adjustable sheet slider / Sprenger chariot i'avale tout

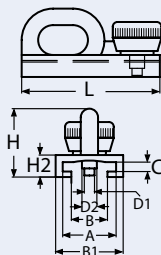


| Bestell-Nr.<br>Order no. | Ausführung<br>Type        | Für Profile<br>For profile | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|----------------------------|----|-----|----------------------|
| 814632225                | Mit Wirbel<br>With swivel | 25 x 4                     | 65 | 1   | 78,80                |


**8564**

## Schlitten mit Auge / A4-AISI 316

Genova slide with eye / Pontet sur coulisseau + stoppeur



| Bestell-Nr.<br>Order no. | A  | B  | C   | D1  | D2  | B1 | H2 | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|-----|-----|----|----|----|-----|----------------------|
| 8564427                  | 27 | 20 | 4   | 6   | 9,5 | 33 | 7  | 81 | 1   | 21,00                |
| 8564434                  | 34 | 23 | 5,5 | 7,8 | 9,5 | 43 | 14 | 88 | 1   | 24,00                |

**8872**

## Genua-Schlitten, arretierbar / A4-AISI 316

Genova slide, adjustable / Chape sur coulisseau + stoppeur



| Bestell-Nr.<br>Order no. | Für Profil<br>For profile | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|----|-----|----------------------|
| 8872425                  | 25 x 4                    | 64 | 1   | 26,70                |



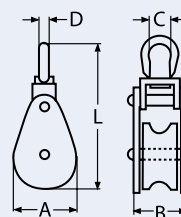
### Block mit Messingbuchsen / A2-AISI 304

Single block with brass bushing / Poulie dériveur avec émerillon

## 8369

| Bestell-Nr.<br>Order no. | <sup>1</sup> Ø | <sup>2</sup> mm | A  | B  | C  | D | L   | S.W.L. | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------|-----------------|----|----|----|---|-----|--------|-----|----------------------|
| 8369225                  | 25             | 9               | 27 | 20 | 13 | 5 | 88  | 300    | 1   | 15,10                |
| 8369232                  | 32             | 10              | 35 | 22 | 17 | 6 | 104 | 300    | 1   | 17,50                |
| 8369250                  | 50             | 13              | 54 | 29 | 19 | 8 | 143 | 500    | 1   | 26,40                |

<sup>1</sup>Rollen-Ø / Reel-Ø <sup>2</sup>Rille mm / Groove mm



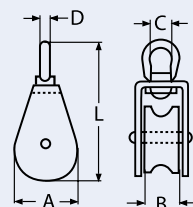
### Block mit Messingbuchse (kleine Rolle) / A2-AISI 304

Single block with brass bushing and small sheave / Poulie simple avec émerillon

## 8393

| Bestell-Nr.<br>Order no. | <sup>1</sup> Ø | <sup>2</sup> mm | A  | B  | C  | D | L   | S.W.L. | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------|-----------------|----|----|----|---|-----|--------|-----|----------------------|
| 8393225                  | 25             | 12              | 30 | 24 | 14 | 6 | 83  | 600    | 1   | 14,00                |
| 8393232                  | 32             | 12              | 36 | 24 | 14 | 6 | 96  | 700    | 1   | 15,00                |
| 8393250                  | 50             | 15              | 54 | 28 | 20 | 8 | 130 | 1000   | 1   | 24,50                |

<sup>1</sup>Rollen-Ø / Reel-Ø <sup>2</sup>Rille mm / Groove mm



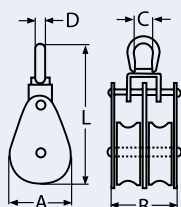
### Block mit Messingbuchse, Doppelrolle / A2-AISI 304

Double block with brass bushing / Poulie double avec émerillon

## 8390

| Bestell-Nr.<br>Order no. | <sup>1</sup> Ø | <sup>2</sup> mm | A  | B  | C  | D | L   | S.W.L. | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------|-----------------|----|----|----|---|-----|--------|-----|----------------------|
| 8390225                  | 25             | 8               | 27 | 37 | 13 | 5 | 88  | 300    | 1   | 23,20                |
| 8390232                  | 32             | 8               | 35 | 42 | 17 | 6 | 104 | 300    | 1   | 28,60                |
| 8390250                  | 50             | 14              | 54 | 54 | 19 | 8 | 143 | 500    | 1   | 38,30                |

<sup>1</sup>Rollen-Ø / Reel-Ø <sup>2</sup>Rille mm / Groove mm



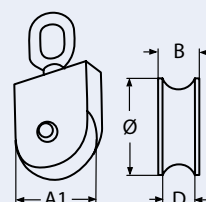
### Block mit Messingbuchse / A2-AISI 304

Single block with brass bushing / Poulie simple avec émerillon

## 8392

| Bestell-Nr.<br>Order no. | <sup>1</sup> Ø | <sup>2</sup> mm | A1  | B  | D    | S.W.L. | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------|-----------------|-----|----|------|--------|-----|----------------------|
| 83922050                 | 50             | 14              | 52  | 21 | 14   | 1000   | 1   | 21,60                |
| 83922075                 | 75             | 14              | 78  | 19 | 14,5 | 1600   | 1   | 39,40                |
| 83922100                 | 100            | 16              | 104 | 24 | 17,4 | 2600   | 1   | 66,80                |

<sup>1</sup>Rollen-Ø / Reel-Ø <sup>2</sup>Rille mm / Groove mm



# Klappen, Blöcke und Bolzen

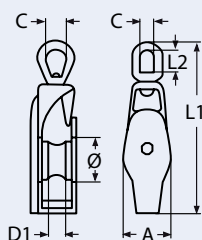
Cleats, blocks and bolts

Taquets, poulies et cadènes

## 8402

### Sicherheitsklappblock / A4-AISI 316

Single block with safety latch / Poulie simple avec émerillon/ Réas passage rapide



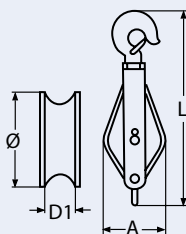
| Bestell-Nr.<br>Order no. | <sup>1</sup> Ø | <sup>2</sup> mm | D1 | A  | C  | L2 | L1  | S.W.L. | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------|-----------------|----|----|----|----|-----|--------|-----|----------------------|
| 84024050                 | 50             | 14              | 14 | 52 | 22 | 30 | 151 | 1000   | 1   | 39,30                |
| 84024075                 | 75             | 16              | 16 | 78 | 25 | 39 | 211 | 1650   | 1   | 82,40                |

<sup>1</sup>Rollen-Ø / Reel-Ø <sup>2</sup>Rille mm / Groove mm

## 8395

### Block mit Messingbuchse / A2-AISI 304

Single block with brass bushing / Poulie avec crochet



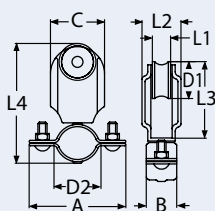
| Bestell-Nr.<br>Order no. | <sup>1</sup> Ø | <sup>2</sup> mm | D1 | A   | L   | S.W.L. | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------|-----------------|----|-----|-----|--------|-----|----------------------|
| 83952075                 | 75             | 16              | 16 | 80  | 256 | 1400   | 1   | 65,70                |
| 83952100                 | 100            | 19              | 19 | 108 | 315 | 2500   | 1   | 107,00               |

<sup>1</sup>Rollen-Ø / Reel-Ø <sup>2</sup>Rille mm / Groove mm

## 8526

### Reffleinenrolle / A2-AISI 304

Furling block / Poulie avec collier de serrage

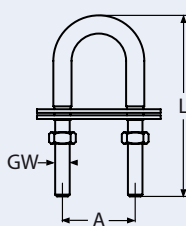


| Bestell-Nr.<br>Order no. | Ausführung<br>Design      | A  | B  | C  | D1 | D2 | L1 | L2 | L3 | L4 | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|----|----|----|----|----|----|----|----|----|-----|----------------------|
| 85262FEST                | Feststehend<br>Fixed      | 63 | 20 | 36 | 25 | 25 | 14 | 26 | 40 | 65 | 1   | 25,60                |
| 85262WIRBEL              | Mit Wirbel<br>With swivel | 63 | 20 | 36 | 25 | 25 | 14 | 26 | 50 | 80 | 1   | 27,60                |

## 8651

### U-Bolzen mit zwei Gegenplatten / A4-AISI 316

U-bolt with two counter plates / Cadène avec double plaque



| Bestell-Nr.<br>Order no. | GW  | L   | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|-----|----------------------|
| 8651408_100              | M8  | 100 | 40 | 1   | 14,30                |
| 8651410_100              | M10 | 100 | 40 | 1   | 18,20                |
| 8651412_120              | M12 | 120 | 47 | 1   | 25,70                |

# Klappen, Blöcke und Bolzen

Cleats, blocks and bolts  
Taquets, poulies et cadènes

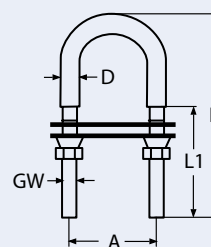
7

## U-Bolzen mit 2 Gegenplatten und Abreissmuttern / A4-AISI 316

U-bolt with counter plates and pull-off nuts / Cadène avec double plaque et écrou inviolable

814223

| Bestell-Nr.<br>Order no. | GW  | L   | L1 | D  | A  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|----|----|-----|----------------------|
| 814223408_100            | M8  | 100 | 60 | 10 | 40 | 5   | 16,00                |
| 814223410_100            | M10 | 100 | 48 | 12 | 40 | 5   | 20,00                |
| 814223412_120            | M12 | 120 | 58 | 14 | 50 | 2   | 30,00                |

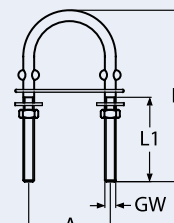


## U-Bolzen / A2-AISI 304

U-bolt bow eye / Cadène à fil

8230

| Bestell-Nr.<br>Order no. | GW  | L   | A  | L1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|----|-----|----------------------|
| 8230204_064              | M4  | 64  | 30 | 30 | 10  | 2,70                 |
| 8230205_080              | M5  | 80  | 35 | 40 | 10  | 3,00                 |
| 8230206_090              | M6  | 90  | 35 | 40 | 10  | 3,80                 |
| 8230208_080              | M8  | 80  | 35 | 40 | 10  | 4,10                 |
| 8230208_100              | M8  | 100 | 35 | 50 | 10  | 4,50                 |
| 8230210_090              | M10 | 90  | 50 | 40 | 5   | 7,30                 |
| 8230210_130              | M10 | 130 | 50 | 55 | 5   | 8,40                 |
| 8230212_150              | M12 | 150 | 60 | 65 | 5   | 14,00                |

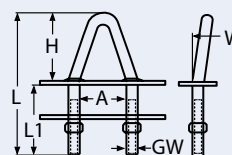


## U-Bolzen mit zwei Gegenplatten, Kopf gewinkelt / A4-AISI 316

U-bolt with two counter plates, angled head / Cadène à fil double forme "V"

8979

| Bestell-Nr.<br>Order no. | W   | GW  | L   | L1 | A  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----|----|----|-----|----------------------|
| 897940800                | 0°  | M8  | 100 | 50 | 33 | 40 | 10  | 10,00                |
| 897940808                | 8°  | M8  | 100 | 50 | 33 | 40 | 10  | 10,00                |
| 897940818                | 18° | M8  | 100 | 50 | 33 | 40 | 10  | 10,00                |
| 897941000                | 0°  | M10 | 120 | 60 | 40 | 40 | 5   | 17,50                |
| 897941008                | 8°  | M10 | 120 | 60 | 40 | 40 | 5   | 17,90                |
| 897941018                | 18° | M10 | 120 | 60 | 40 | 40 | 5   | 17,90                |

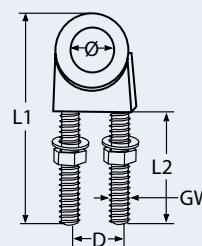


## U-Bolzen / A4-AISI 316

Bow eye / Cadène avec levage

814112

| Bestell-Nr.<br>Order no. | Ø  | L1  | L2 | D  | GW  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-----|-----|----------------------|
| 814112425                | 25 | 114 | 64 | 30 | M10 | 5   | 18,60                |



# Klappen, Blöcke und Bolzen

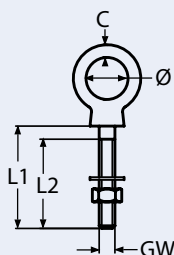
Cleats, blocks and bolts

Taquets, poulies et cadènes

## 8267

### Augbolzen mit metrischem Gewinde / A4-AISI 316

Eye bolt with metric thread / Piton à œil vis métrique

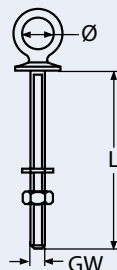


| Bestell-Nr.<br>Order no. | GW  | L1  | L2  | C  | Ø  | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----|----|-------|-----|----------------------|
| 8267406_040              | M6  | 40  | 34  | 5  | 16 | 1150  | 20  | 2,90                 |
| 8267406_060              | M6  | 60  | 54  | 5  | 16 | 1150  | 20  | 3,20                 |
| 8267406_080              | M6  | 80  | 70  | 5  | 16 | 1150  | 20  | 3,30                 |
| 8267408_080              | M8  | 80  | 70  | 6  | 19 | 1300  | 20  | 4,20                 |
| 8267408_100              | M8  | 100 | 90  | 6  | 19 | 1300  | 20  | 4,30                 |
| 8267410_100              | M10 | 100 | 88  | 8  | 25 | 1800  | 10  | 6,80                 |
| 8267412_120              | M12 | 120 | 105 | 10 | 30 | 2500  | 10  | 10,80                |

## 814318

### Augbolzen mit Kragen und metrischem Gewinde / A4-AISI 316

Eye bolt with plate and metric thread / Piton à œil avec Embase vis métrique

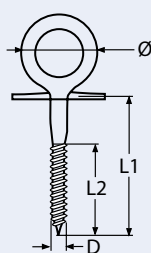


| Bestell-Nr.<br>Order no. | GW  | L   | Ø    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|-----|----------------------|
| 814318406_30             | M6  | 30  | 12,0 | 10  | 4,60                 |
| 814318406_60             | M6  | 60  | 12,0 | 10  | 5,00                 |
| 814318408_35             | M8  | 35  | 14,0 | 10  | 5,90                 |
| 814318408_80             | M8  | 80  | 14,0 | 10  | 7,40                 |
| 814318408_100            | M8  | 100 | 14,0 | 10  | 7,50                 |
| 814318410_050            | M10 | 50  | 16,0 | 5   | 8,50                 |
| 814318410_100            | M10 | 100 | 16,0 | 5   | 10,50                |
| 814318412_100            | M12 | 100 | 18,5 | 5   | 10,80                |
| 814318412_160            | M12 | 160 | 18,5 | 5   | 14,90                |

## 814319

### Augbolzen mit Kragen und Holzgewinde / A4-AISI 316

Eye bolt with plate and wood thread / Piton à œil avec Embase vis bois

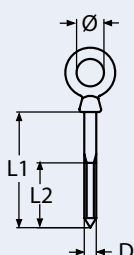


| Bestell-Nr.<br>Order no. | D | L1 | L2 | Ø    | Box | *€/Stück<br>*€/piece |
|--------------------------|---|----|----|------|-----|----------------------|
| 814319406_52             | 6 | 52 | 38 | 20,5 | 10  | 6,50                 |
| 814319406_58             | 6 | 58 | 38 | 20,5 | 10  | 6,80                 |
| 814319408_80             | 8 | 80 | 55 | 24,8 | 5   | 6,90                 |

## 8271

### Augbolzen mit Holzgewinde / A2-AISI 304

Eye bolt with wood thread / Piton à œil vis bois



| Bestell-Nr.<br>Order no. | D  | L1  | L2 | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-----|----------------------|
| 8271205_50               | 5  | 50  | 30 | 11 | 10  | 5,00                 |
| 8271206_60               | 6  | 60  | 35 | 14 | 10  | 5,30                 |
| 8271208_80               | 8  | 80  | 50 | 18 | 10  | 7,10                 |
| 8271210_100              | 10 | 100 | 60 | 22 | 5   | 10,00                |

# Klappen, Blöcke und Bolzen

Cleats, blocks and bolts  
Taquets, poulies et cadènes

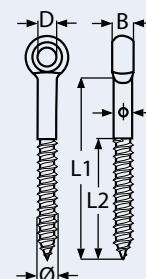
# 7

## Augbolzen mit Holzgewinde / A4-AISI 316

Eye bolt with wood thread / Piton à œil fermé filetage bois

## 8974

| Bestell-Nr.<br>Order no. | Ø  | D    | B  | L1  | L2 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|-----|----|-----|----------------------|
| 8974406040               | 6  | 6,3  | 7  | 40  | 30 | 10  | 3,00                 |
| 8974406050               | 6  | 6,3  | 7  | 50  | 35 | 10  | 3,20                 |
| 8974406060               | 6  | 6,3  | 7  | 60  | 40 | 10  | 3,50                 |
| 8974408060               | 8  | 8,4  | 9  | 60  | 40 | 10  | 4,00                 |
| 8974408080               | 8  | 8,4  | 9  | 80  | 55 | 10  | 4,90                 |
| 8974408100               | 8  | 8,4  | 9  | 100 | 65 | 10  | 5,00                 |
| 8974410080               | 10 | 10,2 | 11 | 80  | 55 | 5   | 6,00                 |
| 8974410100               | 10 | 10,2 | 11 | 100 | 65 | 5   | 7,00                 |
| 8974410120               | 10 | 10,2 | 11 | 120 | 80 | 5   | 7,50                 |
| 8974412100               | 12 | 12,1 | 13 | 100 | 65 | 5   | 8,10                 |
| 8974412120               | 12 | 12,1 | 13 | 120 | 80 | 5   | 9,70                 |

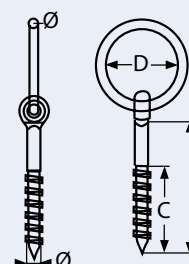


## Augbolzen mit Ring / A4-AISI 316

Eye bolt with ring / Piton à œil fermé filetage bois + anneau

## 814086

| Bestell-Nr.<br>Order no. | Ø  | L   | C  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|-----|----------------------|
| 814086404045             | 4  | 45  | 30 | 25 | 10  | 4,80                 |
| 814086405050             | 5  | 50  | 35 | 30 | 10  | 5,00                 |
| 814086406060             | 6  | 60  | 40 | 30 | 10  | 5,40                 |
| 814086408080             | 8  | 80  | 55 | 50 | 10  | 7,40                 |
| 814086410100             | 10 | 100 | 65 | 60 | 5   | 12,80                |
| 814086412120             | 12 | 120 | 80 | 75 | 5   | 25,20                |

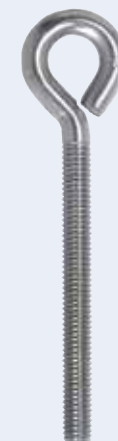
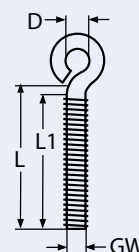


## Ösenschraube / A2-AISI 304

Screw eye / Vis à œil métrique

## 8473

| Bestell-Nr.<br>Order no. | GW  | L  | L1 | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|-----|----------------------|
| 8473205_30               | M5  | 30 | 27 | 8  | 10  | 0,90                 |
| 8473205_40               | M5  | 40 | 37 | 8  | 10  | 1,00                 |
| 8473205_50               | M5  | 50 | 47 | 8  | 10  | 1,15                 |
| 8473206_20               | M6  | 20 | 18 | 10 | 10  | 1,20                 |
| 8473206_30               | M6  | 30 | 27 | 10 | 10  | 1,30                 |
| 8473206_40               | M6  | 40 | 37 | 10 | 10  | 1,40                 |
| 8473206_60               | M6  | 60 | 57 | 10 | 10  | 1,50                 |
| 8473208_50               | M8  | 50 | 74 | 12 | 5   | 2,00                 |
| 8473208_60               | M8  | 60 | 57 | 12 | 5   | 2,30                 |
| 8473208_80               | M8  | 80 | 77 | 12 | 5   | 2,60                 |
| 8473210_70               | M10 | 70 | 65 | 15 | 5   | 3,80                 |





# Klampen, Blöcke und Bolzen

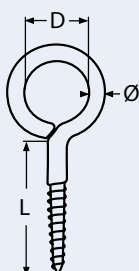
Cleats, blocks and bolts

Taquets, poulies et cadènes

## 8316

### Ösenschraube / A4-AISI 316

Screw eye / Piton à œil filetage bois

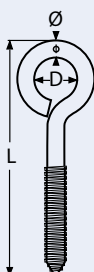


| Bestell-Nr.<br>Order no. | L  | D  | Ø   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|-----|----------------------|
| 8316416_8                | 16 | 8  | 3,3 | 10  | 0,80                 |
| 8316420_10               | 20 | 10 | 3,3 | 10  | 0,90                 |
| 8316425_12               | 25 | 12 | 3,9 | 10  | 1,00                 |
| 8316430_14               | 30 | 14 | 3,9 | 10  | 1,10                 |

## 8976

### Ösenschraube, schwere Ausführung / A4-AISI 316

Screw eye, heavy duty / Piton à œil filetage bois

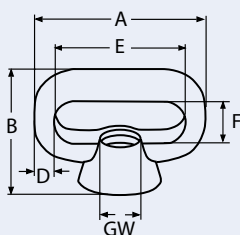


| Bestell-Nr.<br>Order no. | Ø  | L   | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|-----|----------------------|
| 8976406060               | 6  | 62  | 16 | 10  | 1,30                 |
| 8976406100               | 6  | 100 | 14 | 10  | 1,80                 |
| 8976408085               | 8  | 84  | 20 | 5   | 2,90                 |
| 8976408110               | 8  | 108 | 20 | 5   | 3,10                 |
| 8976410125               | 10 | 125 | 30 | 5   | 4,90                 |

## 814110

### Bügelmutter / A4-AISI 316

Lifting eye / Ecrou à oeil de levage

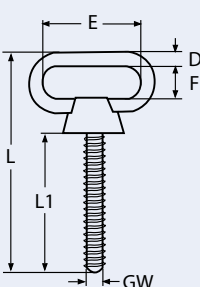


| Bestell-Nr.<br>Order no. | GW  | A  | B  | D  | E  | F  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|----|----|-----|----------------------|
| 814110412                | M12 | 57 | 47 | 10 | 36 | 19 | 5   | 15,20                |

## 814111

### Bügelschraube / A4-AISI 316

Lifting eye bolt / Vis à oeil de levage



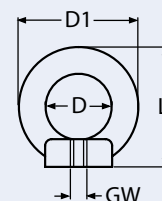
| Bestell-Nr.<br>Order no. | GW  | L   | L1  | D  | E  | F  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----|----|----|-----|----------------------|
| 814111412_98             | M12 | 98  | 51  | 10 | 36 | 19 | 5   | 27,10                |
| 814111412_123            | M12 | 123 | 76  | 10 | 36 | 19 | 5   | 27,10                |
| 814111412_149            | M12 | 149 | 102 | 10 | 36 | 19 | 2   | 27,10                |
| 814111412_174            | M12 | 174 | 127 | 10 | 36 | 19 | 2   | 27,10                |

### Ringmutter ähnlich DIN 582 / A4-AISI 316

Lifting eye nut / Ecrou à anneau

## 8268

| Bestell-Nr.<br>Order no. | GW  | D  | L  | D1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|-----|----------------------|
| 8268405                  | M5  | 15 | 25 | 25 | 20  | 3,00                 |
| 8268406                  | M6  | 16 | 31 | 27 | 20  | 3,50                 |
| 8268408                  | M8  | 20 | 36 | 36 | 20  | 3,80                 |
| 8268410                  | M10 | 25 | 45 | 45 | 10  | 4,00                 |
| 8268412                  | M12 | 30 | 53 | 54 | 10  | 6,00                 |

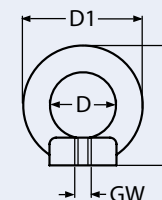


### Ringmutter, geschmiedet, ähnlich DIN 582 / A4-AISI 316

Lifting eye nut, drop forged / Ecrou à anneau forgé

## 814123

| Bestell-Nr.<br>Order no. | GW  | D  | L  | D1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|-----|----------------------|
| 814123408                | M8  | 20 | 36 | 36 | 20  | 6,00                 |
| 814123410                | M10 | 25 | 45 | 45 | 10  | 10,00                |
| 814123412                | M12 | 30 | 53 | 54 | 10  | 11,00                |
| 814123416                | M16 | 35 | 62 | 63 | 5   | 21,30                |
| 814123420                | M20 | 40 | 71 | 72 | 5   | 27,80                |
| 814123424                | M24 | 50 | 90 | 90 | 2   | 64,30                |

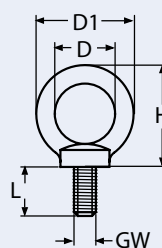


### Ringschraube, ähnlich DIN 580 / A4-AISI 316

Lifting eye bolt / Vis à anneau

## 8272

| Bestell-Nr.<br>Order no. | GW  | D  | L  | H  | D1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|----|-----|----------------------|
| 8272405                  | M5  | 15 | 10 | 25 | 25 | 20  | 4,00                 |
| 8272406                  | M6  | 16 | 13 | 31 | 27 | 20  | 4,10                 |
| 8272408                  | M8  | 20 | 14 | 36 | 36 | 20  | 4,20                 |
| 8272410                  | M10 | 25 | 16 | 45 | 45 | 10  | 4,50                 |
| 8272412                  | M12 | 30 | 21 | 53 | 54 | 10  | 8,00                 |

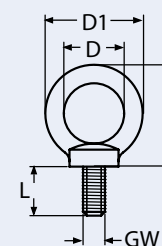


### Ringschraube, geschmiedet, ähnlich DIN 580 / A4-AISI 316

Lifting eye bolt, drop forged / Vis à anneau forgé

## 814122

| Bestell-Nr.<br>Order no. | GW  | D  | L  | H  | D1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|----|----|-----|----------------------|
| 814122408                | M8  | 20 | 13 | 36 | 36 | 20  | 5,20                 |
| 814122410                | M10 | 25 | 17 | 45 | 45 | 10  | 9,00                 |
| 814122412                | M12 | 30 | 20 | 53 | 54 | 10  | 10,50                |
| 814122416                | M16 | 35 | 27 | 62 | 63 | 5   | 22,70                |
| 814122420                | M20 | 40 | 30 | 71 | 72 | 5   | 29,00                |
| 814122424                | M24 | 50 | 36 | 90 | 90 | 1   | 68,00                |



# Klappen, Blöcke und Bolzen

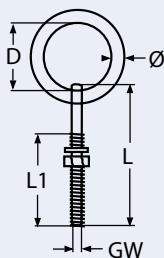
Cleats, blocks and bolts

Taquets, poulies et cadènes

**8228**

## Ringbolzen / A2-AISI 304

Ring bolt / Piton avec anneau

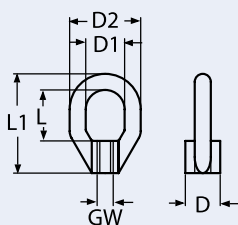


| Bestell-Nr.<br>Order no. | GW  | Ø  | D  | L   | L1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|----|-----|----------------------|
| 8228206                  | M6  | 6  | 35 | 75  | 50 | 5   | 3,40                 |
| 8228208                  | M8  | 8  | 45 | 75  | 50 | 5   | 6,00                 |
| 8228210                  | M10 | 9  | 50 | 100 | 75 | 5   | 10,00                |
| 8228212                  | M12 | 12 | 60 | 120 | 80 | 2   | 14,00                |

**8537**

## Langaugenmutter / A4-AISI 316

Long eye nut / Ecrou à anneau

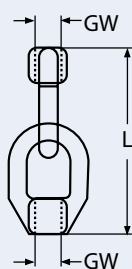


| Bestell-Nr.<br>Order no. | GW | L  | L1 | D  | D1 | D2 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|----|----|-----|----------------------|
| 853748                   | M8 | 19 | 37 | 13 | 15 | 27 | 10  | 3,60                 |

**8538**

## Doppellangaugenmutter / A4-AISI 316

Double-long eye nut / Double écrou à anneau



| Bestell-Nr.<br>Order no. | GW | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 853848                   | M8 | 60 | 5   | 8,00                 |

**8481**

## Krampe / A2-AISI 304

U-bar / Crampillon inox



| Bestell-Nr.<br>Order no. | Ø | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|---|-----|-----|----------------------|
| 848126_100               | 6 | 100 | 10  | 2,50                 |



## Kapitel 8

### Chapter 8

# Yachtzubehör, Ausrüstung und Spezielles

## Yachting accessoires, equipment and highlights



814749

**Magnet Smartphone-Halter**

Magnetic smartphone holder / Embout magnetique pour téléphone + tablette

**NEW**
**Bestell-Nr.**  
**Order no.**  
 8147497

**Box**    **\*€/Stück**  
           **\*€/piece**  
 1        **35,00**

814690

**Universal Handy-Halter / Plastik**

Universal mobile phone-holder / Support universel pour téléphone


**Bestell-Nr.**  
**Order no.**  
 814690355 80

**Klemmbereich**  
**Cleaming area**  
 55 - 80

**Box**    **\*€/Stück**  
           **\*€/piece**  
 1        **12,00**

- Befestigung per Saugnapf oder Klebeplatte
- Halter um 360° drehbar
- Selbsteinstellend für die gängigsten Handys

- Mountable by suction cup or adhesive plate
- Holder can be rotated 360°
- Self-adjusting for the most popular mobile phones



**Universal Tablet-Halter / Plastik**

Universal tablet-holder / Support universel pour tablette

**814689**

| Bestell-Nr.<br>Order no. | Klemmbereich<br>Cleaming area | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------------------|-----|----------------------|
| 8146893110 200           | 110 - 200                     | 1   | 20,00                |

- Einfache Saugnapf Befestigung
- Universell einstellbar für jedes Tablet
- Halter um 360° drehbar

- Easy-to-use suction cup mount
- Universally adjustable for any tablet
- Holder can be rotated 360°



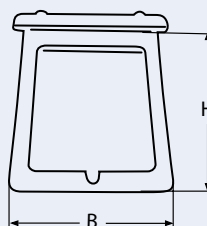
**Wasserfeste iPad Hülle / PVC**

Waterproof iPad bag / Housse imperméable pour Ipad

**814695**

| Bestell-Nr.<br>Order no. | H   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 8146953275               | 275 | 210 | 5   | 25,00                |

Passend für alle iPad Generationen.  
Fitting for all iPad generations.



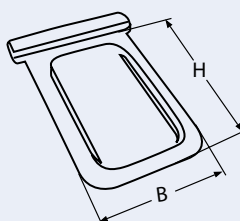
**NEW**

**Wasserfeste Smartphone Hülle / PVC**

Waterproof smartphone bag / Housse imperméable pour Smartphone

**814835**

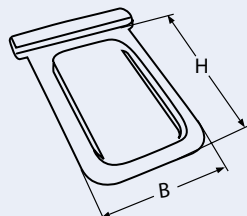
| Bestell-Nr.<br>Order no. | H   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8148353155               | 155 | 90 | 5   | 12,00                |
| 8148353170               | 170 | 93 | 5   | 12,50                |



814696

**Wasserfeste Smartphone Hülle / PVC**

Waterproof smartphone bag / Housse imperméable pour Smartphone



| Bestell-Nr.<br>Order no. | H   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8146963140               | 132 | 92 | 5   | 15,00                |

814736

**Faltbares Solarladegerät mit 5000 mAh USB Akku**

Foldable solar charger with 5000 mAh USB battery / Sac à dos solaire pliable avec batterie 5000 mA



| Bestell-Nr.<br>Order no. | Maße ausgeklappt<br>Size opened | Maße gefaltet<br>Size folded | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------------|------------------------------|-----|----------------------|
| 8147363                  | 480 x 230                       | 230 x 160                    | 1   | 150,00               |

Zum laden von mobilen Geräten unterwegs.

Faltbar zur einfachen Verstauung.

Mit Schlaufen zur Rucksack- oder Zeltbefestigung.

For charging portable devices on the go.

Foldable for easy stowing.

With loops for attachment to backpacks or tents.

**Solar Panel:**

Leistung: 7Watt / 6.5 V

Max Ausgang: 5V / 1.1 Ah

Anschlüsse: 1 x USB Ausgang

**Solar Panel:**

Power: 7 Watt/6.5 V

Max Output: 5V/ 1.1 Ah

Connections: 1 x USB output

**USB Akku:**

Kapazität: 5000 mAh

Ausgangsleistung: 5V / 1 Ah

Anschlüsse: 2 x USB Ausgang , 1 x Micro USB Ausgang, 1 x USB Eingang

Batterietyp: Lithium Polymer

**USB battery:**

Capacity: 5000 mAh

Output: 5V/ 1 Ah

Connections: 2 x USB outputs, 1 micro USB output, 1 USB input

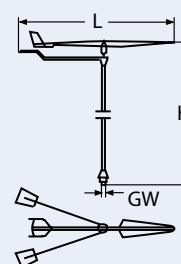
Batterytype: Lithium Polymer



**Wind King mit Reflektoren / A2-AISI 304**  
Wind King with reflectors / Girouette

**8524**

| Bestell-Nr.<br>Order no. | L   | H   | GW | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|-----|----------------------|
| 85242400                 | 400 | 335 | M8 | 1   | 37,00                |

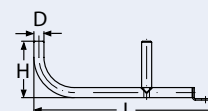


**LED Beleuchtung für Wind King / A2-AISI 304**  
LED light for Wing King / LED pour girouette avec Wind King

**8642**

| Bestell-Nr.<br>Order no. | D  | H  | L   | Volt   | Ampère | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|--------|--------|------|-----|----------------------|
| 864228_15                | 11 | 55 | 180 | 8 - 15 | 0,02   | 0,33 | 1   | 49,50                |

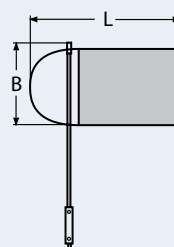
Für alle gängigen Anzeiger mit 8 mm Gewinde am Sockelende.  
Absolut wasserdicht. Leuchtleistung 30.000 Stunden.  
Usable with 8 mm socket. 100% waterproof.  
Operating life more than 30.000 hours.  
Auch in Blister-Skin-Verpackung lieferbar / also available in blister packets



**Verklicker / A4-AISI 316**  
Masthead fly / Girouette à pavillon

**8631**

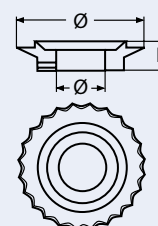
| Bestell-Nr.<br>Order no. | L   | B   | Farbe<br>Colour | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----------------|-----|----------------------|
| 86314100_130             | 130 | 100 | Rot / Red       | 1   | 8,00                 |
| 86314125_175             | 175 | 125 | Rot / Red       | 1   | 8,50                 |
| 86314150_190             | 190 | 150 | Rot / Red       | 1   | 9,00                 |
| 86314200_235             | 235 | 200 | Rot / Red       | 1   | 10,00                |



**Tauwerkschneider für Antriebswelle / A4-AISI 316**  
Line cutter for shaft / Coupe orin inox

**8528**

| Bestell-Nr.<br>Order no. | Wellen-Ø<br>Shaft-Ø | Außen-Ø<br>Outside-Ø | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|----------------------|----|-----|----------------------|
| 8528425                  | 25                  | 79                   | 18 | 1   | 125,00               |
| 8528430                  | 30                  | 79                   | 18 | 1   | 125,00               |
| 8528435                  | 35                  | 79                   | 18 | 1   | 125,00               |
| 8528440                  | 40                  | 79                   | 18 | 1   | 125,00               |



Kein Verkauf nach Frankreich  
No sale to France

8475

**Relingdrahtset, zur Selbstmontage / A4-AISI 316**

Guardrail set, for self mounting / Kit de montage pour filière



| Bestell-Nr.<br>Order no. | Bezeichnung<br>Name         | Ausführung<br>Design           | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------|--------------------------------|-----|----------------------|
| 8475477                  | Komplettset<br>Complete set | Rechts / Links<br>Right / Left | 1   | 50,00                |
| 84754RECHTS              | <sup>1</sup> Ersatzset      | Rechts / Right                 | 1   | 19,50                |
| 84754LINKS               | <sup>1</sup> Ersatzset      | Links / Left                   | 1   | 19,50                |

<sup>1</sup>Replacement set**Komplettset:**

- 10 m Edelstahlseil, PVC weiß, ummantelt, 7 x 7 - 4 / 7 mm
- 1 Montageterminal mit Rechtsgewinde
- 1 Montageterminal mit Linksgewinde
- 1 Gabel mit Rechtsgewinde und Mutter
- 1 Gabel mit Linksgewinde und Mutter
- 6 Inbusschrauben und 1 Schlüssel

**Complete set:**

- 10 m wire rope, PVC white, covered, 7 x 7 - 4 / 7 mm
- 1 quick attach terminal with right thread
- 1 quick attach terminal with left thread
- 1 threaded jaw with right thread and nut
- 1 threaded jaw with left thread and nut
- 6 hexagon socket screws and 1 key

**Ersatzset, rechts:**

- 1 Montageterminal mit Rechtsgewinde
- 1 Gabel mit Rechtsgewinde und Mutter
- 3 Inbusschrauben und 1 Schlüssel

**Replacement set, right:**

- 1 quick attach terminal with right thread
- 1 threaded jaw with right thread and nut
- 3 hexagon socket screws and 1 key

**Ersatzset, links:**

- 1 Montageterminal mit Linksgewinde
- 1 Gabel mit Linksgewinde und Mutter
- 3 Inbusschrauben und 1 Schlüssel

**Replacement set, left:**

- 1 quick attach terminal with left thread
- 1 threaded jaw with left thread and nut
- 3 hexagon socket screws and 1 key

8942

**Universaleimer, hochglanzpoliert / A2-AISI 304**

Universal bucket, mirror polished / Seau universel



| Bestell-Nr.<br>Order no. | Liter | Box | *€/Stück<br>*€/piece |
|--------------------------|-------|-----|----------------------|
| 8942206                  | 6     | 1   | 40,00                |
| 8942210                  | 10    | 1   | 50,00                |

814718

**Falteimer / Plastik**

Folding bucket / Seau pliable

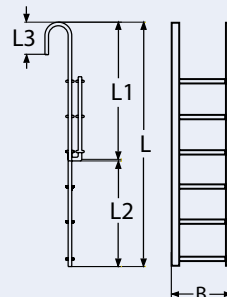


| Bestell-Nr.<br>Order no. | Liter | Box | *€/Stück<br>*€/piece |
|--------------------------|-------|-----|----------------------|
| 81471839                 | 9     | 5   | 9,90                 |

**Heckleiter, klappbar / A4-AISI 316**  
Transom folding steps / Échelle 6 marches

**8660**

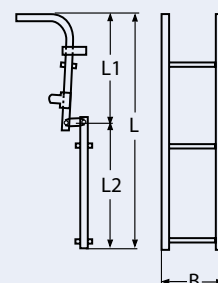
| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L    | L1  | L2  | L3 | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|------|-----|-----|----|-----|-----|----------------------|
| 866046                   | 3 + 3           | 1550 | 950 | 600 | 90 | 283 | 1   | 246,00               |



**Heckleiter, klappbar / A4-AISI 316**  
Stern mount foldable steps / Échelle pliable

**8887**

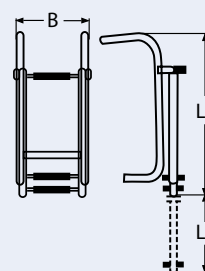
| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L   | L1  | L2  | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|-----|-----|-----|-----|----------------------|
| 888743                   | 3               | 630 | 235 | 395 | 254 | 1   | 99,00                |



**Teleskop Heckleiter / A4-AISI 316**  
Stern mount telescope steps / Échelle télescopique

**8867**

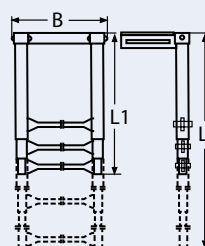
| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L1  | L2  | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|-----|-----|-----|----------------------|
| 886743                   | 3               | 450 | 700 | 200 | 1   | 135,00               |



**Teleskop Badeleiter, Montage unter Plattform / A4-AISI 316**  
Telescope boarding steps for under platform mounting / Échelle télescopique

**8868**

| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L1  | L2  | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|-----|-----|-----|----------------------|
| 886843                   | 3               | 310 | 700 | 250 | 1   | 246,00               |

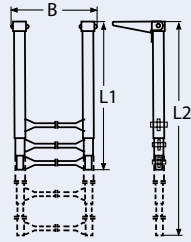




8437

**Teleskop-Badeleiter, Montage auf Plattform / A4-AISI 316**

Telescope boarding steps for top of platform mounting / Échelle 3 marches inox télescopique

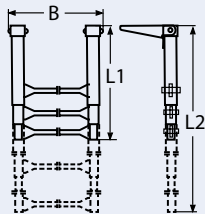


| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L1  | L2   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|------|-----|-----|----------------------|
| 843742                   | 2               | 370 | 570  | 280 | 1   | 146,00               |
| 843743                   | 3               | 410 | 870  | 305 | 1   | 230,00               |
| 843744                   | 4               | 415 | 1115 | 305 | 1   | 293,00               |

8869

**Teleskop Badeleiter, Montage auf Plattform, breite Form / A4-AISI 316**

Telescope boarding steps for top of platform mounting, wide / Échelle télescopique, forme large

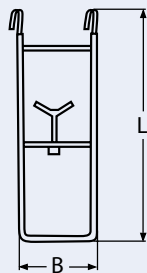


| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L1  | L2  | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|-----|-----|-----|----------------------|
| 886943                   | 3               | 370 | 880 | 480 | 1   | 210,00               |

814044

**Bugleiter mit versenkbaren Einhängebügeln / A4-AISI 316**

Bow ladder with sinkable bows / Echelle de proue avec étriers de suspension abaissables

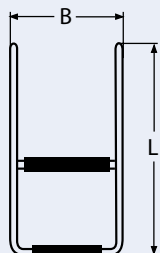


| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L    | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|------|-----|-----|----------------------|
| 81404443                 | 3               | 1080 | 250 | 1   | 160,00               |

814270

**Badeleiter / A4-AISI 316**

Dive platform ladder / Echelle pour plateforme



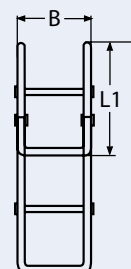
| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|-----|-----|----------------------|
| 81427042                 | 2               | 600 | 285 | 1   | 90,00                |

**Heckleiter, klappbar / A4-AISI 316**

Stern mount foldable steps / Echelle fixe plantée

**814271**

| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L    | B   | L1  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|------|-----|-----|-----|----------------------|
| 81427144                 | 4               | 1100 | 250 | 500 | 1   | 173,00               |
| 81427145                 | 5               | 1240 | 290 | 750 | 1   | 193,00               |

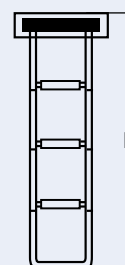


**Teleskop Badeleiter in Kassette / A4-AISI 316**

Covered telescope steps / Echelle escamotable télescopique

**814272**

| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L    | Kastenmaße<br>Measurements | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|------|----------------------------|-----|----------------------|
| 81427243                 | 3               | 890  | 330 – 470 – 46             | 1   | 405,00               |
| 81427244                 | 4               | 1160 | 330 – 470 – 46             | 1   | 468,00               |

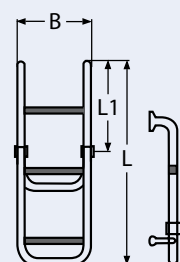


**Heckleiter mit Holzstufen, klappbar / A4-AISI 316**

Stern mount foldable ladder with wood steps / Echelle plantée fixation sur tableau

**814273**

| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L    | B   | L1  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|------|-----|-----|-----|----------------------|
| 81427343                 | 3               | 800  | 250 | 580 | 1   | 137,00               |
| 81427344                 | 4               | 1050 | 250 | 580 | 1   | 163,00               |
| 81427345                 | 5               | 1340 | 290 | 580 | 1   | 178,00               |

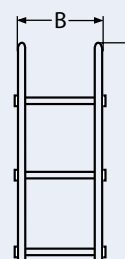


**Heckleiter / Alu**

Transom steps / Echelle amovible

**814274**

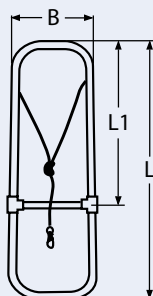
| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L    | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|------|-----|-----|----------------------|
| 81427403                 | 3               | 880  | 350 | 1   | 105,00               |
| 81427404                 | 4               | 1180 | 350 | 1   | 120,00               |



814275

**Schlauchbootleiter / Alu**

Ladder for inflatable boats / Echelle amovible pour pneumatique

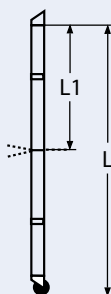


| Bestell-Nr.<br>Order no. | Stufen<br>Steps | L    | B   | L1  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|------|-----|-----|-----|----------------------|
| 81427502                 | 2               | 900  | 250 | 450 | 1   | 74,00                |
| 81427503                 | 3               | 1100 | 250 | 470 | 1   | 87,00                |

814277

**Gangway, klappbar / Alu**

Folding gangway / Passerelle - Echelle

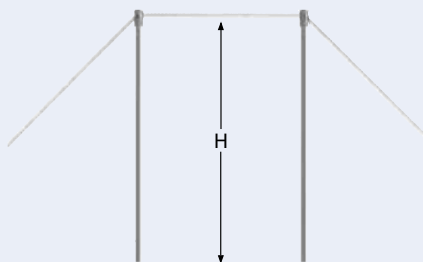


| Bestell-Nr.<br>Order no. | L    | L1   | Gewicht (kg)<br>Weight (kg) | Box | *€/Stück<br>*€/piece |
|--------------------------|------|------|-----------------------------|-----|----------------------|
| 8142770180               | 1800 | 1000 | 13                          | 1   | 844,00               |
| 8142770230               | 2300 | 1250 | 16                          | 1   | 960,00               |
| 8142770260               | 2600 | 1400 | 18                          | 1   | 1020,00              |

814278

**Handlauf für Gangway / A2-AISI 304**

Hand rail for gangway / Main courante pour passerelle



| Bestell-Nr.<br>Order no. | H                | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 8142782                  | Für / For 814277 | 1   | 65,00                |

814279

**Base für Gangway / Alu**

Base for gangway / Platine pour passerelle



| Bestell-Nr.<br>Order no. |                  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 8142790                  | Für / For 814277 | 1   | 12,00                |

**Marinefluppy / A2-AISI 304**  
Ashtray / Cendrier inox

**8443**

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|----------------------|
| 84432FLUPPY              | Blau / Blue     | 1   | 12,70                |



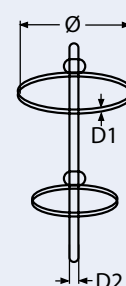
**Fenderhalter, klappbar / A2-AISI 304**

Fender holder, foldable / Support de pare-battage amovible

**8585**

| Bestell-Nr.<br>Order no. | Fender-Ø max.<br>Fender-Ø max. | D1 | D2      | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------|----|---------|-----|----------------------|
| 85852200                 | 200                            | 5  | 22 - 25 | 1   | 39,50                |
| 85852250                 | 250                            | 5  | 22 - 25 | 1   | 42,00                |

Der Fenderhalter ist in vier verschiedenen Stufen montierbar.  
Can be used on vertical or raked stanchions.



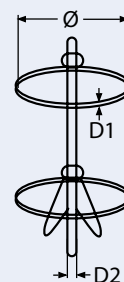
**Fenderhalter mit Wirbel, klappbar / A4-AISI 316**

Fender holder with swivel, foldable / Support de pare-battage amovible

**8618**

| Bestell-Nr.<br>Order no. | Fender-Ø max.<br>Fender-Ø max. | D1 | D2      | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------|----|---------|-----|----------------------|
| 86184230                 | 200                            | 8  | 22 - 25 | 1   | 102,00               |
| 86184265                 | 250                            | 8  | 22 - 25 | 1   | 110,00               |

Der Fenderhalter ist stufenlos montierbar. Schwere Ausführung.  
Eine Montage am 30-mm Rohr ist möglich.  
This unique design folds nearly flat against your rail and is suitable also for 30-mm tube. Can be used on vertical or raked stanchions.

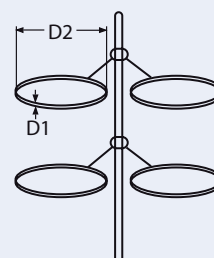


**Fenderhalter, doppelt, klappbar / A2-AISI 304**

Fender holder, double, foldable / Support double pare-battage amovible

**8607**

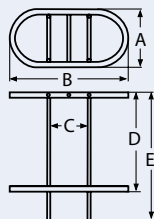
| Bestell-Nr.<br>Order no. | Fender-Ø max.<br>Fender-Ø max. | D1 | D2      | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------|----|---------|-----|----------------------|
| 86072200                 | 200                            | 5  | 22 - 25 | 1   | 55,00                |
| 86072250                 | 250                            | 5  | 22 - 25 | 1   | 60,00                |



## 8641

## Fenderhalter, doppelt, feststehend / A2-AISI 304

Double fender holder, fixed / Support double pare-battage fixe

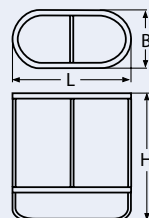
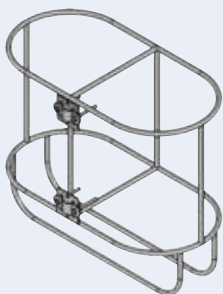


| Bestell-Nr.<br>Order no. | Fender-Ø max.<br>Fender-Ø max. | A   | B   | C   | D   | E   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------|-----|-----|-----|-----|-----|-----|----------------------|
| 86412140                 | 140                            | 166 | 340 | 116 | 258 | 367 | 1   | 105,00               |
| 86412200                 | 200                            | 233 | 476 | 175 | 283 | 428 | 1   | 183,00               |
| 86412300                 | 300                            | 340 | 706 | 282 | 321 | 508 | 1   | 280,00               |

## 814602

## Fenderkorb, doppelt, gerade / A4-AISI 316

Double fender holder, straight / Support droit double pare-battage



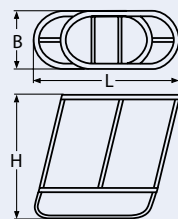
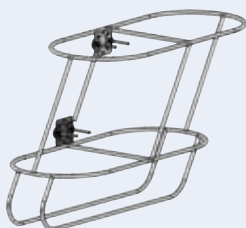
| Bestell-Nr.<br>Order no. | Fender-Ø max.<br>Fender-Ø max. | L   | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------|-----|-----|-----|-----|----------------------|
| 8146024180               | 180                            | 375 | 190 | 320 | 1   | 81,00                |
| 8146024220               | 220                            | 470 | 240 | 315 | 1   | 105,00               |
| 8146024300               | 300                            | 670 | 330 | 580 | 1   | 157,00               |

Fenderkorb Drahtstärke 8mm mit Befestigung für 22 - 25mm Reling.  
Fender holder wire diameter 8mm with fixing for 22 - 25mm rail.

## 814603

## Fenderkorb, doppelt, links / A4-AISI 316

Double fender holder, left / Support double pare-battage „gauche“



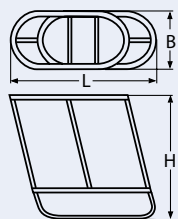
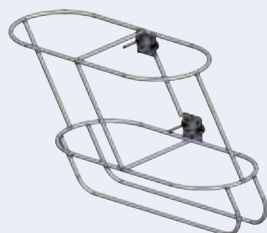
| Bestell-Nr.<br>Order no. | Fender-Ø max.<br>Fender-Ø max. | L   | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------|-----|-----|-----|-----|----------------------|
| 8146034180               | 180                            | 551 | 190 | 285 | 1   | 110,00               |
| 8146034220               | 220                            | 696 | 240 | 328 | 1   | 160,00               |
| 8146034300               | 300                            | 962 | 330 | 580 | 1   | 210,00               |

Fenderkorb Drahtstärke 8mm mit Befestigung für 22 - 25mm Reling.  
Fender holder wire diameter 8mm with fixing for 22 - 25mm rail.

## 814604

## Fenderkorb, doppelt, rechts / A4-AISI 316

Double fender holder, right / Support double pare-battage „droit“



| Bestell-Nr.<br>Order no. | Fender-Ø max.<br>Fender-Ø max. | L   | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------|-----|-----|-----|-----|----------------------|
| 8146044180               | 180                            | 551 | 190 | 285 | 1   | 110,00               |
| 8146044220               | 220                            | 696 | 240 | 328 | 1   | 160,00               |
| 8146044300               | 300                            | 962 | 330 | 580 | 1   | 210,00               |

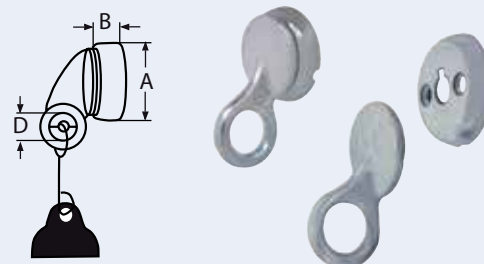
Fenderkorb Drahtstärke 8mm mit Befestigung für 22 - 25mm Reling.  
Fender holder wire diameter 8mm with fixing for 22 - 25mm rail.



**Fenderhalter / A4-AISI 316**  
Fender holder / Support de pare-battage

**814119**

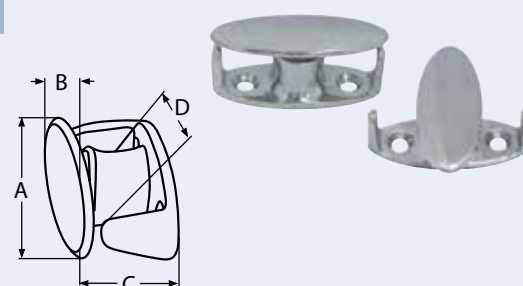
| Bestell-Nr.<br>Order no. | A  | B | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|---|----|-----|----------------------|
| 814119440                | 40 | 8 | 15 | 5   | 21,00                |



**Fenderhalter, drehbar / A4-AISI 316**  
Swivel fender holder / Soufflage rotatif de pare battage

**814132**

| Bestell-Nr.<br>Order no. | A  | B  | C  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8141324                  | 63 | 25 | 27 | 18 | 1   | 33,00                |



**Bootsmannstuhl**  
Force chair / Chaise de mât

**814298**

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|----------------------|
| 8142983                  | Rot / Red       | 1   | 51,00                |



**Rettungsring**  
Life saver / Bouée de sauvetage

**814291**

| Bestell-Nr.<br>Order no. | Außen-Ø<br>Outside-Ø | Innen-Ø<br>Inside-Ø | Gewicht<br>Weight | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------|---------------------|-------------------|-----|----------------------|
| 814291325                | 720                  | 450                 | 2,5 kg            | 1   | 108,00               |
| 814291343                | 720                  | 450                 | 4,3 kg            | 1   | 116,00               |



CE-zertifiziert / CE-approved

814292

**Rettungsset: Hufeisenring, Halterung, Rettungsleuchte**

Set composed of horse shoe, bracket, light / \*\*



| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|----------------------|
| 8142923G                 | Gelb / Yellow   | 1   | 82,00                |
| 8142923O                 | Orange / Orange | 1   | 82,00                |
| 8142923W                 | Weiß / White    | 1   | 82,00                |

\*\* Assortiments de sauvetage : Bouée der a cheval + feu à retournement + support.

814293

**Hufeisenring**

Horse shoe / Bouée fer à cheval



| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|----------------------|
| 8142933G                 | Gelb / Yellow   | 1   | 54,00                |
| 8142933O                 | Orange / Orange | 1   | 54,00                |
| 8142933W                 | Weiß / White    | 1   | 54,00                |

814294

**Rettungsleuchte**

Life buoy light / Feu à retournement

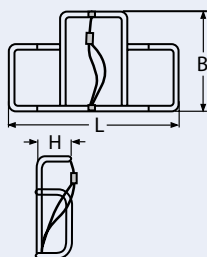


| Bestell-Nr.<br>Order no. | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------|
| 8142943                  | 1   | 17,80                |

814300

**Rettungsinselhalter / A4-AISI 316**

Bracket for life raft / Support de radeaux



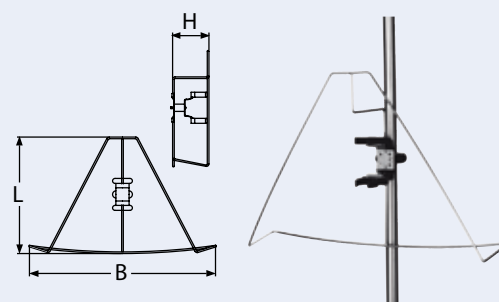
| Bestell-Nr.<br>Order no. | L         | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------|-----|-----|-----|----------------------|
| 8143004750               | 700 - 900 | 520 | 200 | 1   | 260,00               |

**Hufeisenringhalter / A2-AISI 304**

Horse Shoe holder / Support de bouée fer à cheval et de feu de retournement

**8582**

| Bestell-Nr.<br>Order no. | L   | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|----------------------|
| 85822365                 | 365 | 570 | 135 | 1   | 29,00                |

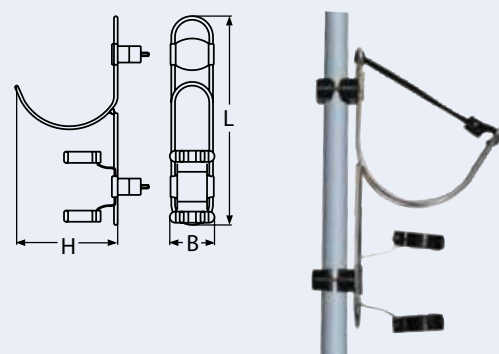


**Rettungsringhalter / A2-AISI 304**

Life ring holder / Support de bouée avec support de feu de retournement

**8581**

| Bestell-Nr.<br>Order no. | L   | B  | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|-----|----------------------|
| 85812290                 | 290 | 50 | 140 | 1   | 24,40                |

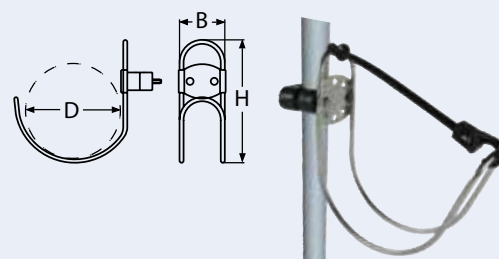


**Rettungsringhalter / A2-AISI 304**

Life ring holder / Support de bouée

**8609**

| Bestell-Nr.<br>Order no. | D   | B  | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|-----|----------------------|
| 86092140                 | 140 | 55 | 170 | 1   | 23,70                |

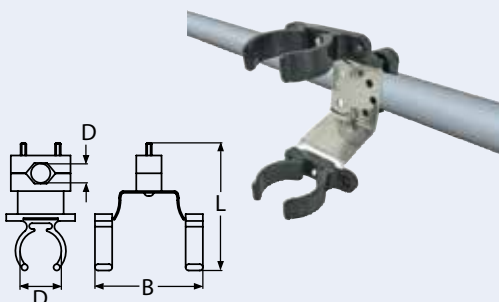


**Rettungsbeleuchtungshalterung / A2-AISI 304**

Marker light mounting bracket / Support de feu de retournement

**8580**

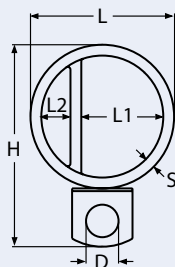
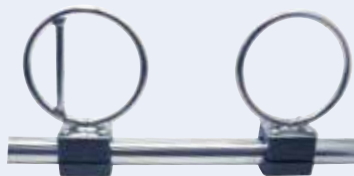
| Bestell-Nr.<br>Order no. | D  | Rohr-Ø (D)<br>Tube-Ø (D) | L   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|--------------------------|-----|-----|-----|----------------------|
| 8580222/25               | 37 | 22 - 25                  | 120 | 100 | 1   | 9,00                 |



8461

**Spinnakerbaumhalter / A4-AISI 316**

Spinnaker pole holder / Support de spinnaker



| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | L   | L1 | L2 | H   | S | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|----|----|-----|---|-----|----------------------|
| 8461490                  | 25                       | 107 | 61 | 21 | 150 | 8 | 1   | 66,00                |

8422

**Rettungsleinenhalter / A2-AISI 304**

Life line holder / Enrouleur de cordage

senkrecht  
verticalwaagrecht  
horizontal

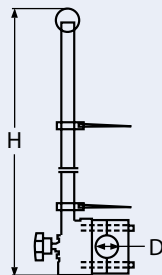
| Bestell-Nr.<br>Order no. | Halterung<br>Posture   | Rolle-Ø<br>Reel-Ø | Breite<br>Width | Rohrschelle max. Ø<br>Pipe clip max. Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------------|-------------------|-----------------|----------------------------------------|-----|----------------------|
| 84222WAAG                | Waagrecht <sup>1</sup> | 160               | 270             | 30                                     | 1   | 175,00               |
| 84222SENK                | Senkrecht <sup>2</sup> | 160               | 270             | 30                                     | 1   | 195,00               |

<sup>1</sup> Horizontal / <sup>2</sup> Vertical

8444

**Flaggenstock / A2-AISI 304**

Pennant pole / Porte fanion

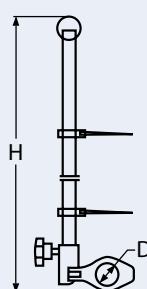


| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|-----|----------------------|
| 8444222-25               | 22 - 25                  | 430 | 1   | 33,50                |

8438

**Flaggenstock / A2-AISI 304**

Pennant pole / Porte fanion inox



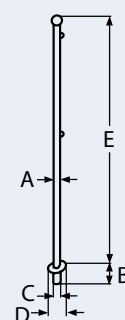
| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|-----|----------------------|
| 8438222                  | 22                       | 455 | 1   | 44,00                |
| 8438225                  | 25                       | 455 | 1   | 47,00                |

**15° Flaggenstockset, magnetisch / A4-AISI 316**

15° magnetic flag pole set / Set de supports de magnétiques pour fanion 15°

**814133**

| Bestell-Nr.<br>Order no. | A  | B  | C  | D  | E   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|-----|----------------------|
| 8141334                  | 25 | 69 | 31 | 70 | 968 | 1   | 150,00               |



**Flaggenstock / A4-AISI 316**

Flag pole / Porte fanion

**814717**

| Bestell-Nr.<br>Order no. | L   | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8147174620               | 620 | 25 | 1   | 33,60                |

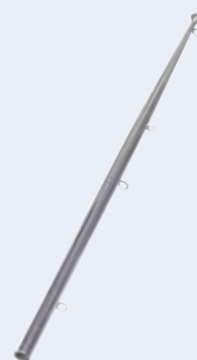
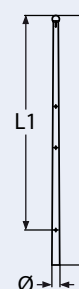


**Flaggenstock / A2-AISI 304**

Flag pole / Porte fanion inox

**8653**

| Bestell-Nr.<br>Order no. | L   | L1  | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|-----|----------------------|
| 8653219                  | 600 | 520 | 19 | 1   | 43,40                |



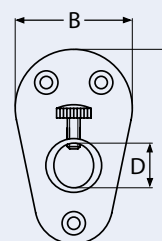
**Flaggenstockhalter / A4-AISI 316**

Flag pole socket / Embase de fanion

**8654**

| Bestell-Nr.<br>Order no. | D  | B  | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8654419                  | 19 | 50 | 85 | 1   | 32,20                |

Für 8653 / For 8653

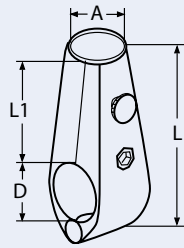




814114

## Flaggenstockhalter für Reling / A4-AISI 316

Rail mount flag pole socket / Support de hampe pour rail



| Bestell-Nr.<br>Order no. | Rohr-Ø (D)<br>Tube-Ø (D) | A  | L  | L1 | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|----|----|----|-----|----------------------|
| 814114425                | 25                       | 25 | 80 | 47 | 1   | 52,70                |

8355

## Beck's Halter / A2-AISI 304

Beck's holder / Porte verre

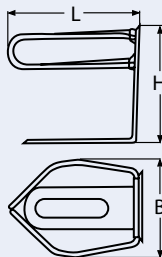


| Bestell-Nr.<br>Order no. | Innen-Ø<br>Inside Ø | Höhe<br>Height | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|----------------|-----|----------------------|
| 8355274                  | 74                  | 260            | 1   | 12,30                |

8525

## Flaschenhalter / A2-AISI 304

Bottle holder / Support de bouteille

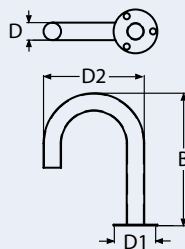


| Bestell-Nr.<br>Order no. | L   | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|----------------------|
| 85252140                 | 140 | 100 | 120 | 1   | 17,80                |

8599

## Schwanenhals / A4-AISI 316

Gooseneck / Passe-câble

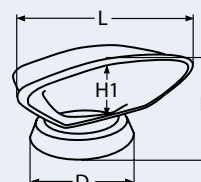


| Bestell-Nr.<br>Order no. | D    | D1 | D2  | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|------|----|-----|-----|-----|----------------------|
| 85994195                 | 19,5 | 51 | 114 | 150 | 1   | 15,00                |
| 8599438                  | 38   | 78 | 120 | 150 | 1   | 52,00                |

**Windhutze / A4-AISI 316**  
Vent / Manche à air

**814217**

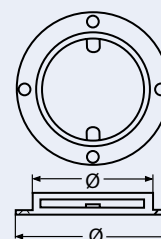
| Bestell-Nr.<br>Order no. | H   | L   | D   | H1 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----|-----|----------------------|
| 8142174105               | 105 | 190 | 125 | 70 | 1   | 125,00               |



**Inspektionsflansch mit Deckel / A4-AISI 316**  
Inspection port / Obturateur

**8556**

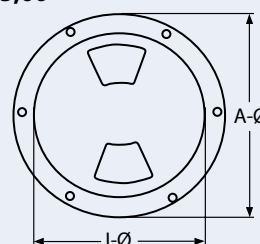
| Bestell-Nr.<br>Order no. | Aussen-Ø<br>Outside-Ø | Innen-Ø<br>Inside-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------|---------------------|-----|----------------------|
| 85564100                 | 140                   | 100                 | 1   | 74,00                |
| 85564SCHLÜSSEL           | Schlüssel / Key       |                     | 1   | 9,50                 |



**Inspektionsflansch mit Deckel / A4-AISI 316**  
Inspection port / Obturateur avec bouchon

**814653**

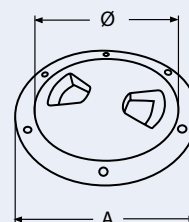
| Bestell-Nr.<br>Order no. | Aussen-Ø<br>Outside-Ø | Innen-Ø<br>Inside-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------|---------------------|-----|----------------------|
| 8146534130               | 175                   | 130                 | 1   | 125,00               |



**Inspektionsflansch mit Deckel / Plastik**  
Inspection port plastic / Obturateur avec bouchon en plastic

**814681**

| Bestell-Nr.<br>Order no. | Aussen-Ø<br>Outside-Ø | Innen-Ø<br>Inside-Ø | Farbe<br>Colour | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------|---------------------|-----------------|-----|----------------------|
| 8146813146W              | 146                   | 105                 | Weiß / White    | 1   | 8,20                 |
| 8146813146B              | 146                   | 105                 | Schwarz / Black | 1   | 8,20                 |
| 8146813175W              | 175                   | 140                 | Weiß / White    | 1   | 9,90                 |
| 8146813175B              | 175                   | 140                 | Schwarz / Black | 1   | 9,90                 |
| 8146813205W              | 205                   | 150                 | Weiß / White    | 1   | 10,00                |
| 8146813205B              | 205                   | 150                 | Schwarz / Black | 1   | 10,00                |

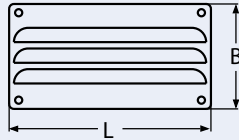


- Mit Bajonettverschluss
- With one-click lock

8370

**Kiemenblech / A4-AISI 316**

Vent / Grille d'aération

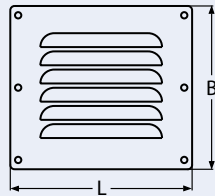


| Bestell-Nr.<br>Order no. | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 83704127_66              | 127 | 66 | 1   | 4,50                 |

8371

**Kiemenblech / A4-AISI 316**

Vent / Grille d'aération

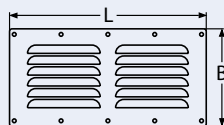


| Bestell-Nr.<br>Order no. | L   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 83714127_115             | 127 | 115 | 1   | 7,00                 |

8372

**Kiemenblech / A4-AISI 316**

Vent / Grille d'aération

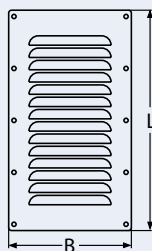


| Bestell-Nr.<br>Order no. | L   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 83724230_115             | 230 | 115 | 1   | 10,00                |

8373

**Kiemenblech / A4-AISI 316**

Vent / Grille d'aération

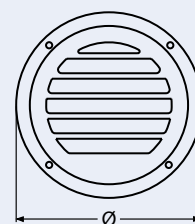


| Bestell-Nr.<br>Order no. | L   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 83734228_127             | 228 | 127 | 1   | 11,40                |

**Kiemenblech / A4-AISI 316**  
Round transom vent / Grille d'aération

**8374**

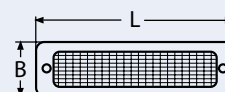
| Bestell-Nr.<br>Order no. | Ø   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 83744100                 | 100 | 1   | 6,50                 |
| 83744153                 | 153 | 1   | 12,00                |



**Lüftungsgitter / A2-AISI 304**  
Ventilation grid / Grille d'aération

**814225**

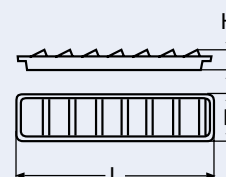
| Bestell-Nr.<br>Order no. | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8142252212               | 212 | 57 | 1   | 5,00                 |



**Lüftungsblech / A4-AISI 316**  
Vent / Grille d'aération

**814073**

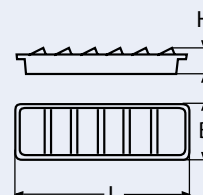
| Bestell-Nr.<br>Order no. | Schlitze<br>Slots | L   | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|-----|----|----|-----|----------------------|
| 814073406                | 6                 | 327 | 76 | 32 | 5   | 25,20                |
| 814073407                | 7                 | 378 | 76 | 32 | 5   | 29,00                |
| 814073408                | 8                 | 427 | 76 | 32 | 5   | 32,00                |
| 814073410                | 10                | 527 | 76 | 32 | 5   | 36,50                |



**Lüftungsblech / A4-AISI 316**  
Vent / Grille d'aération

**814074**

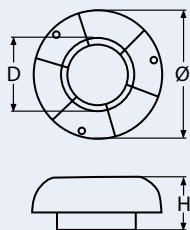
| Bestell-Nr.<br>Order no. | Schlitze<br>Slots | L   | B   | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|-----|-----|----|-----|----------------------|
| 814074404                | 4                 | 206 | 113 | 38 | 5   | 23,00                |
| 814074406                | 6                 | 327 | 113 | 38 | 5   | 27,50                |
| 814074410                | 10                | 528 | 113 | 38 | 5   | 43,00                |



8342

## Deckslüfter mit Edelstahlkappe / A2-AISI 304

Dome vent / Aérateur de pont

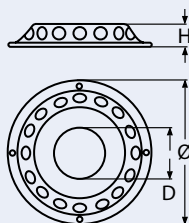


| Bestell-Nr.<br>Order no. | Durchlass (D)<br>Outlet (D) | Gesamt-Ø<br>Total-Ø | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------|---------------------|----|-----|----------------------|
| 83422100                 | 100                         | 200                 | 55 | 1   | 48,00                |

8713

## Deckslüfter mit Edelstahlkappe / A2-AISI 304

Dome vent / Aérateur de pont

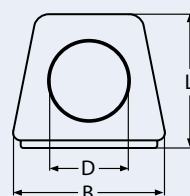


| Bestell-Nr.<br>Order no. | Durchlass (D)<br>Outlet (D) | Gesamt-Ø<br>Total-Ø | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------|---------------------|----|-----|----------------------|
| 87132225                 | 90                          | 225                 | 30 | 1   | 47,10                |

8657

## Lüfter mit Haube / A2-AISI 304

Flanged cowl ventilator / Aérateur scirocco

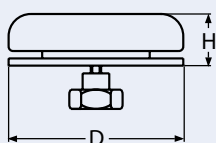


| Bestell-Nr.<br>Order no. | L   | B   | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|-----|----------------------|
| 86572125                 | 125 | 145 | 76 | 1   | 35,00                |

8701

## Deckslüfter / A2-AISI 304

Dome vent / Aérateur avec fermeture



| Bestell-Nr.<br>Order no. | Lüftung-Ø<br>Ventilation-Ø | Außen-Ø (D)<br>Outside-Ø (D) | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------|------------------------------|----|-----|----------------------|
| 87012075                 | 75                         | 115                          | 35 | 1   | 100,00               |
| 87012100                 | 100                        | 150                          | 35 | 1   | 145,00               |

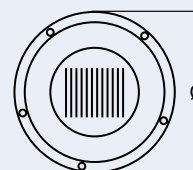


**Solar Deckslüfter / A2-AISI 304**  
Solar dome vent / VMC solaire

**814047**

| Bestell-Nr.<br>Order no. | Ø   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8140472210               | 210 | 1   | 140,00               |

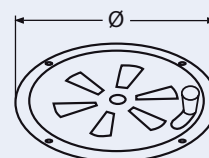
Inkl. Akku und 2 Ventilatorenblätter (1 x zum Ansaugen und 1 x zum Absaugen der Luft).  
Incl. accumulator and 2 propeller (1 for intake and 1 for exhaust of air).



**Rundlüfter, verschliessbar / A4-AISI 316**  
Round vent, lockable / Grille papillon ouverture réglable

**8375**

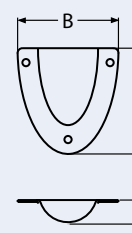
| Bestell-Nr.<br>Order no. | Ø   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 83754100                 | 100 | 1   | 13,25                |
| 83754125                 | 125 | 1   | 14,50                |



**Minilenzer / A2-AISI 304**  
Vent / Event

**8345**

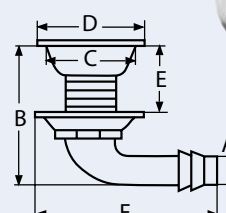
| Bestell-Nr.<br>Order no. | L  | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8345240_44_12            | 40 | 44 | 12 | 10  | 1,30                 |
| 8345255_53_16            | 55 | 53 | 16 | 10  | 2,00                 |



**Tankentlüfter, 90° / A4-AISI 316**  
Flush tank vent, 90° / Aération pour réservoir

**8894**

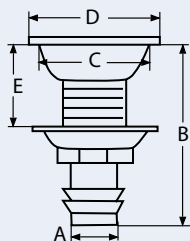
| Bestell-Nr.<br>Order no. | A  | B  | C  | D  | E  | F  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|----|----|-----|----------------------|
| 8894416                  | 16 | 70 | 35 | 46 | 29 | 75 | 1   | 34,00                |
| 8894419                  | 19 | 75 | 38 | 49 | 29 | 80 | 1   | 35,00                |



8895

**Tankentlüfter / A4-AISI 316**

Flush tank vent / Aération pour réservoir

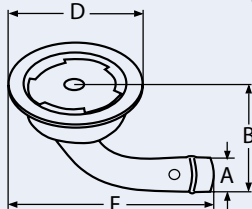


| Bestell-Nr.<br>Order no. | A  | B    | C  | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|----|----|-----|----------------------|
| 8895416                  | 16 | 76   | 35 | 46 | 29 | 1   | 35,20                |
| 8895419                  | 19 | 77,5 | 38 | 49 | 29 | 1   | 34,90                |

8861

**Tankentlüfter, 90° / A4-AISI 316**

Tank vent, 90° / Aération pour réservoir 90°

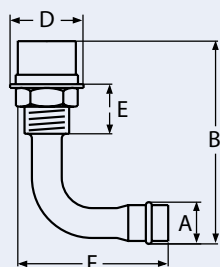


| Bestell-Nr.<br>Order no. | A  | B  | D  | F  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8861450                  | 19 | 56 | 65 | 95 | 1   | 25,40                |

8319

**Tankentlüfter, 90° / A4-AISI 316**

Tank vent, 90° / Reniflard coudé

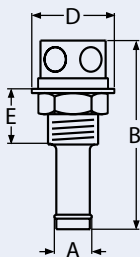


| Bestell-Nr.<br>Order no. | A  | B   | D  | E  | F  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|----|-----|----------------------|
| 8319416                  | 16 | 85  | 31 | 25 | 60 | 1   | 23,00                |
| 8319419                  | 19 | 105 | 33 | 27 | 80 | 1   | 33,60                |

8320

**Tankentlüfter / A4-AISI 316**

Tank vent / Reniflard droit gas-oil



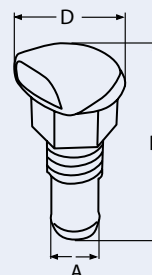
| Bestell-Nr.<br>Order no. | A  | B  | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8320416                  | 16 | 70 | 31 | 25 | 1   | 15,00                |
| 8320419                  | 19 | 76 | 35 | 27 | 1   | 24,00                |

**Tankentlüfter / Plastik**

Tank vent / Event nylon pour tuyau Ø int/ 16mm

**814719**

| Bestell-Nr.<br>Order no. | A  | B  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 814719316                | 16 | 70 | 30 | 5   | 8,20                 |

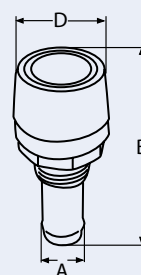


**Tankentlüfter / Plastik**

Tank vent / Event nylon pour tuyau Ø int/ 16mm

**814720**

| Bestell-Nr.<br>Order no. | A  | B  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 814720316                | 16 | 75 | 33 | 5   | 8,20                 |

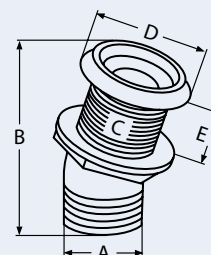


**Auspuffdurchlass mit Klappe, 25° / A4-AISI 316**

Exhaust thru hull with flap, 25° / Passe-coque d'échappement avec clapet angle de 25°

**814063**

| Bestell-Nr.<br>Order no. | A  | B   | C  | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|----|-----|----------------------|
| 814063450                | 50 | 152 | 57 | 80 | 33 | 1   | 116,00               |

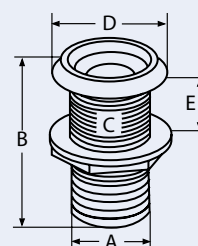


**Auspuffdurchlass mit Klappe / A4-AISI 316**

Exhaust thru hull with flap / Passe-coque d'échappement avec clapet

**814062**

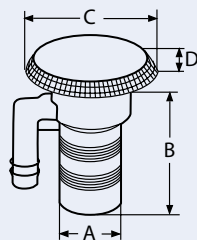
| Bestell-Nr.<br>Order no. | A  | B   | C  | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|----|----|-----|----------------------|
| 814062450                | 50 | 138 | 57 | 80 | 33 | 1   | 103,50               |



8836

## Einfüllstutzen mit Deckelentlüftung / A4-AISI 316

Vented deck fill / Nable de pont avec aération



| Bestell-Nr.<br>Order no. | Zoll<br>Inch | Für<br>For     | A  | B   | C    | D    | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----------------|----|-----|------|------|-----|----------------------|
| 88364WATER1_12           | 1 1/2        | Wasser/Water   | 38 | 93  | 79,5 | 12,5 | 1   | 71,00                |
| 88364DIESEL1_12          | 1 1/2        | Diesel/Diesel  | 38 | 93  | 79,5 | 12,5 | 1   | 71,00                |
| 88364GAS1_12             | 1 1/2        | Benzin/Gas     | 38 | 93  | 79,5 | 12,5 | 1   | 71,00                |
| 88364WASTE1_12           | 1 1/2        | Abwasser/Waste | 38 | 93  | 79,5 | 12,5 | 1   | 71,00                |
| 88364DIESEL_2            | 2            | Diesel/Diesel  | 50 | 114 | 79,5 | 12,5 | 1   | 94,00                |
| 88364GAS_2               | 2            | Benzin/Gas     | 50 | 114 | 79,5 | 12,5 | 1   | 94,00                |

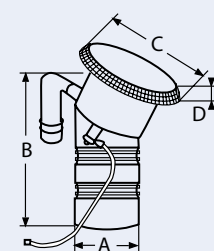
Um Wassereintritt in den Tank zu vermeiden, den Einfüllstutzen mit einem Neigungswinkel von mindestens 20° einbauen.

The deckfills have to be mounted in angle of 20° to avoid water damages.

8837

## 30° Einfüllstutzen mit Deckelentlüftung / A4-AISI 316

30° stalon vented deck fill / Nable de pont avec aération

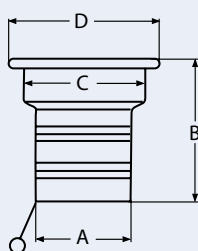


| Bestell-Nr.<br>Order no. | Zoll<br>Inch | Für<br>For     | A  | B  | C    | D    | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----------------|----|----|------|------|-----|----------------------|
| 88374WATER1_12           | 1 1/2        | Wasser/Water   | 38 | 98 | 79,5 | 12,5 | 1   | 52,00                |
| 88374DIESEL1_12          | 1 1/2        | Diesel/Diesel  | 38 | 98 | 79,5 | 12,5 | 1   | 52,00                |
| 88374GAS1_12             | 1 1/2        | Benzin/Gas     | 38 | 98 | 79,5 | 12,5 | 1   | 52,00                |
| 88374WASTE1_12           | 1 1/2        | Abwasser/Waste | 38 | 98 | 79,5 | 12,5 | 1   | 52,00                |

8314

## Einfüllstutzen mit Deckel, Kette und Schlüssel / A4-AISI 316

Hose deck fills with key / Nable de pont embout cannelé



| Bestell-Nr.<br>Order no. | Zoll<br>Inch | Für<br>For     | A  | B  | C  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|----------------|----|----|----|----|-----|----------------------|
| 83144DIESEL1_12          | 1 1/2        | Diesel/Diesel  | 38 | 76 | 45 | 76 | 1   | 37,00                |
| 83144WATER1_12           | 1 1/2        | Wasser/Water   | 38 | 76 | 45 | 76 | 1   | 37,00                |
| 83144GAS1_12             | 1 1/2        | Benzin/Gas     | 38 | 76 | 45 | 76 | 1   | 37,00                |
| 83144WASTE1_12           | 1 1/2        | Abwasser/Waste | 38 | 76 | 45 | 76 | 1   | 37,00                |
| 83144GAS_2               | 2            | Benzin/Gas     | 50 | 76 | 54 | 84 | 1   | 54,00                |
| 83144DIESEL_2            | 2            | Diesel/Diesel  | 50 | 76 | 54 | 84 | 1   | 54,00                |
| 83144WASTE_2             | 2            | Abwasser/Waste | 50 | 76 | 54 | 84 | 1   | 54,00                |

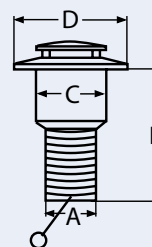
Abwasser/Waste = ohne Kette/without chain

|                   |                                 |       |                   |  |  |  |  |       |
|-------------------|---------------------------------|-------|-------------------|--|--|--|--|-------|
| 83144SCHLUESSEL   | Ersatzschlüssel/Replacement key |       |                   |  |  |  |  | 3,00  |
| 83144ERSATZ_D-G-W | Deckel + Kette                  | 1 1/2 | Diesel/Wasser/Gas |  |  |  |  | 12,00 |
|                   | Lid + chain                     |       | Diesel/Water/Gas  |  |  |  |  |       |
| 83144ERSATZ_WASTE | Deckel/Lid                      | 1 1/2 | Abwasser/Waste    |  |  |  |  | 12,00 |
| 83144ERSATZ_D-G   | Deckel o. Kette                 | 2     | Benzin + Diesel   |  |  |  |  | 12,00 |
|                   | Lid without chain               |       | Gas + Diesel      |  |  |  |  |       |

**Einfüllstutzen, Pop up / A4-AISI 316**  
Hose deck fills, pop up / Nable de pont

**8673**

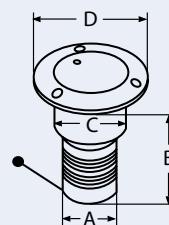
| Bestell-Nr.<br>Order no. | Zoll<br>Inch | Für<br>For | A  | B   | C  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------|------------|----|-----|----|----|-----|----------------------|
| 86734DIESEL1_12          | 1 1/2        | Diesel     | 38 | 102 | 54 | 84 | 1   | 90,00                |
| 86734WATER1_12           | 1 1/2        | Water      | 38 | 102 | 54 | 84 | 1   | 90,00                |
| 86734GAS1_12             | 1 1/2        | Gas        | 38 | 102 | 54 | 84 | 1   | 90,00                |
| 86734WASTE1_12           | 1 1/2        | Waste      | 38 | 102 | 54 | 84 | 1   | 90,00                |
| 86734WATER_2             | 2            | Water      | 50 | 102 | 54 | 84 | 1   | 142,00               |
| 86734GAS_2               | 2            | Gas        | 50 | 102 | 54 | 84 | 1   | 142,00               |
| 86734DIESEL_2            | 2            | Diesel     | 50 | 102 | 54 | 84 | 1   | 142,00               |



**Einfüllstutzen, Pop up, mit Schloss / A4-AISI 316**  
Hose deck fill, pop up - with lock / Nable de pont avec serrure

**814058**

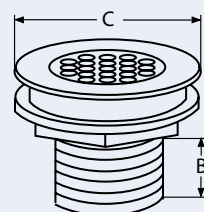
| Bestell-Nr.<br>Order no. | Zoll<br>Inch                      | Für<br>For | A  | B  | C  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------------|------------|----|----|----|----|-----|----------------------|
| 8140584D1_12             | 1 1/2                             | Diesel     | 38 | 76 | 45 | 76 | 1   | 106,00               |
| 8140584W1_12             | 1 1/2                             | Water      | 38 | 76 | 45 | 76 | 1   | 106,00               |
| 8140584G1_12             | 1 1/2                             | Gas        | 38 | 76 | 45 | 76 | 1   | 106,00               |
| 8140584WS1_12            | 1 1/2                             | Waste      | 38 | 76 | 45 | 76 | 1   | 106,00               |
| 8140584D_2               | 2                                 | Diesel     | 50 | 76 | 54 | 84 | 1   | 128,00               |
| 8140584W_2               | 2                                 | Water      | 50 | 76 | 54 | 84 | 1   | 128,00               |
| 8140584G_2               | 2                                 | Gas        | 50 | 76 | 54 | 84 | 1   | 128,00               |
| 814058SCHLUESSEL         | Ersatzschlüssel / Replacement key |            |    |    |    |    | 1   | 8,50                 |



**Wasserablauf mit Gewinde / A4-AISI 316**  
Drain grate pipe thread / Bouloire

**8835**

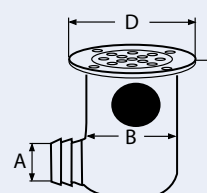
| Bestell-Nr.<br>Order no. | Gewinde<br>Thread | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|----|----|-----|----------------------|
| 883541                   | 1                 | 50 | 45 | 1   | 40,00                |
| 883541_12                | 1 1/2             | 50 | 75 | 1   | 46,00                |



**Wasserablauf mit Schlauchanschluss / A4-AISI 316**  
Deck drain scupper with hose connection / Bombe d'évacuation avec raccord de tuyau

**814061**

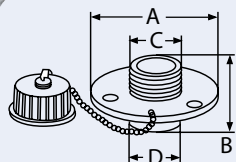
| Bestell-Nr.<br>Order no. | A               | B  | C   | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|-----|-----|-----|----------------------|
| 814061438_57             | 38              | 57 | 79  | 91  | 1   | 100,00               |
| 814061450_73             | 50              | 73 | 104 | 108 | 1   | 120,00               |
| 814061SCHLUESSEL         | Schlüssel / Key |    |     |     | 1   | 6,80                 |





**814107****Wasserauslass / A4-AISI 316**

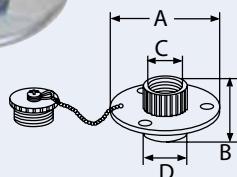
Water outlet / Evacuation d'eau



| Bestell-Nr.<br>Order no. | A  | B  | C  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 814107470                | 70 | 35 | 27 | 26 | 1   | 38,50                |

**814108****Wassereinlass / A4-AISI 316**

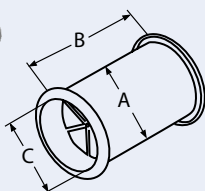
Water inlet / Arrivée d'eau



| Bestell-Nr.<br>Order no. | A  | B  | C  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 814108470                | 70 | 35 | 24 | 26 | 1   | 53,00                |

**814121****Cockpitdurchlass / A2-AISI 304**

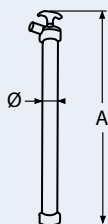
Cockpit drain scupper / Dalot de cockpit



| Bestell-Nr.<br>Order no. | A  | B   | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----|-----|----------------------|
| 814121276                | 76 | 102 | 70 | 1   | 35,00                |

**814687****Handpumpe für Bilge / Messing**

Manual bilge pump-brass / Pompe à main-laiton



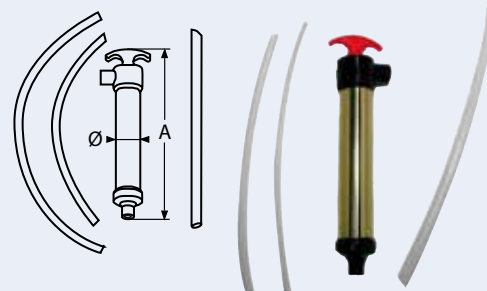
| Bestell-Nr.<br>Order no. | A   | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8146875380               | 380 | 32 | 1   | 55,00                |

**Handpumpe für Öl / Messing**

Hand pump for oil - brass / Pompe à main pour pétrole-laiton

**8833**

| Bestell-Nr.<br>Order no. | Schlauch<br>Hose | A   | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----|-----|----------------------|
| 88335225                 | 6 - 8 - 12       | 225 | 32 | 5   | 31,00                |

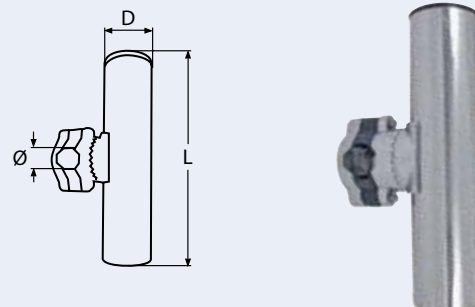


**Angelrutenhalter / A4-AISI 316**

Fishing rod holder / Porte canne orientable

**8421**

| Bestell-Nr.<br>Order no. | Für Rohr-Ø<br>For tube-Ø | D  | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|----|-----|-----|----------------------|
| 8421422-25               | 22 - 25                  | 40 | 230 | 1   | 62,00                |

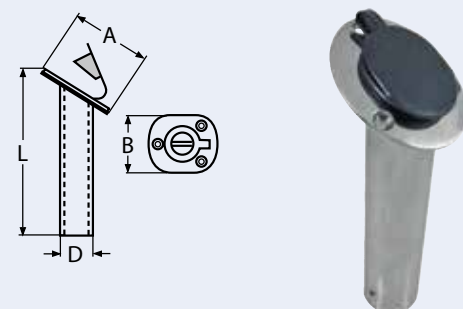


**Angelrutenhalter mit Gummikappe / A2-AISI 304**

Fishing rod holder with rubber cap / Porte canne fixe avec bouchon

**8550**

| Bestell-Nr.<br>Order no. | L   | A   | B  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----|----|-----|----------------------|
| 85502245                 | 245 | 115 | 90 | 50 | 1   | 25,00                |

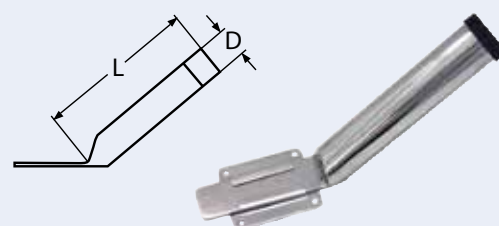


**Angelrutenhalter, abnehmbar / A2-AISI 304**

Fishing rod holder, removable / Porte canne amovible

**8718**

| Bestell-Nr.<br>Order no. | D  | L   | Grundplatte<br>Groundplate | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------------|-----|----------------------|
| 8718250                  | 50 | 240 | 93 x 100                   | 1   | 46,50                |



**814054****Angelrutenhalter**

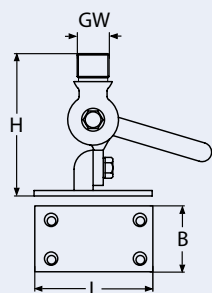
Rod storage rack / Support de tube



| Bestell-Nr.<br>Order no. | Montage<br>Mounting | L   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|-----|-----|-----|----------------------|
| 8140543340 130Vertical   | Vertical            | 340 | 130 | 5   | 15,50                |
| 8140543340 130Horizontal | Horizontal          | 340 | 130 | 5   | 15,50                |

**8330****Antennenhalter mit 2 mm-EPDM-Dichtung, Schrauben, Stoppmutter und Unterlegscheibe / A4-AISI 316**

Antenna base with 2 mm-EPDM-sealing (sea water resistant), screws, nut and washer / \*\*

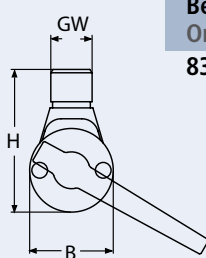


| Bestell-Nr.<br>Order no. | L  | B  | H   | GW   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|------|-----|----------------------|
| 8330492_64               | 92 | 64 | 108 | 3/4" | 1   | 60,00                |

\*\*Support d'antenne inclinable

**8332****Antennenhalter für Relingsbefestigung / A4-AISI 316**

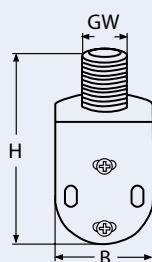
Antenna base for rail fixing / Support d'antenne pour tube



| Bestell-Nr.<br>Order no. | Für Rohr<br>For tube | B  | H  | GW   | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------|----|----|------|-----|----------------------|
| 8332422/25               | 22 - 25              | 50 | 85 | 3/4" | 1   | 48,00                |

**814113****Antennenhalter für Relingsbefestigung / A2-AISI 304**

Antenna base for rail fixing / Support d'antenne pour rail



| Bestell-Nr.<br>Order no. | Für Rohr<br>For tube | H  | B  | GW   | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------|----|----|------|-----|----------------------|
| 81411322225              | 22 - 25              | 89 | 50 | 3/4" | 5   | 16,00                |

# Yachtzubehör, Ausrüstung und Spezielles

Yachting accessories, equipment and highlights

Équipement et accessoires exclusifs pour yachts

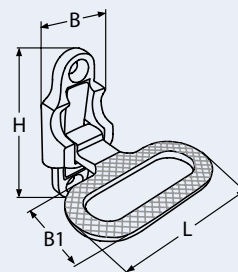
# 8

## Maststufe / A4-AISI 316

Mast step / Marchepied pliant

## 8244

| Bestell-Nr.<br>Order no. | L   | B1 | H   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----|-----|----------------------|
| 82444108_53              | 110 | 55 | 117 | 50 | 1   | 44,00                |

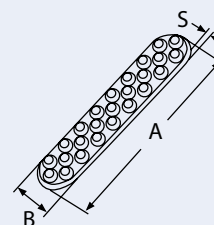


## Antirutschplatte / A4-AISI 316

Anti-slip step plate / Panneau antidérapant

## 814109

| Bestell-Nr.<br>Order no. | A   | B  | S   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|-----|----------------------|
| 8141094180               | 180 | 40 | 3,5 | 2   | 22,00                |



## Radar Reflektor / Alu

Radar reflector / Réflecteur radar en alu

## 814149

| Bestell-Nr.<br>Order no. | Ø   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 814149029                | 290 | 5   | 22,00                |
| 814149041                | 410 | 5   | 63,00                |
| 814149047                | 470 | 5   | 64,00                |

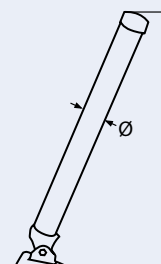


## Radar Reflektor

Radar reflector / Feu de radar

## 814295

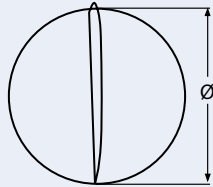
| Bestell-Nr.<br>Order no. | L   | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8142953500_50            | 500 | 50 | 1   | 30,00                |



814296

**Signalball / Plastik**

Signal ball / Marque de signalisation boule noire

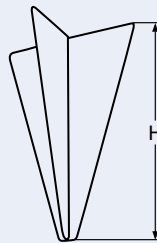


| Bestell-Nr.<br>Order no. | Ø   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8142963300               | 300 | 5   | 8,80                 |
| 8142963350               | 350 | 5   | 11,40                |

814297

**Signalkegel / Plastik**

Signal cone / Marque de signalisation cône noir

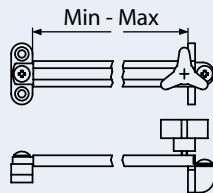


| Bestell-Nr.<br>Order no. | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8142973470               | 470 | 5   | 8,00                 |

8351

**Aufsteller / A2-AISI 304**

Hatch adjuster / Compas d'ouverture réglable

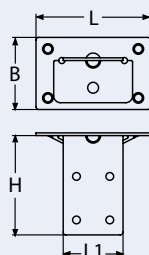


| Bestell-Nr.<br>Order no. | Min. - Max. | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------|-----|----------------------|
| 83512200_366             | 200 - 366   | 1   | 17,00                |
| 83512260_484             | 260 - 484   | 1   | 19,50                |

8610

**Tischplattenhalter / A2-AISI 304**

Table bracket / Support de table



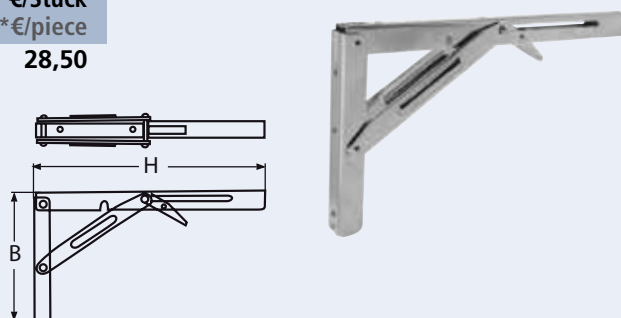
| Bestell-Nr.<br>Order no. | L  | L1 | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8610255_85               | 85 | 45 | 55 | 75 | 1   | 21,00                |



**Tischplattenhalterung, klappbar / A2-AISI 304**  
Folding table bracket / Compas d'ouverture en inox

8522

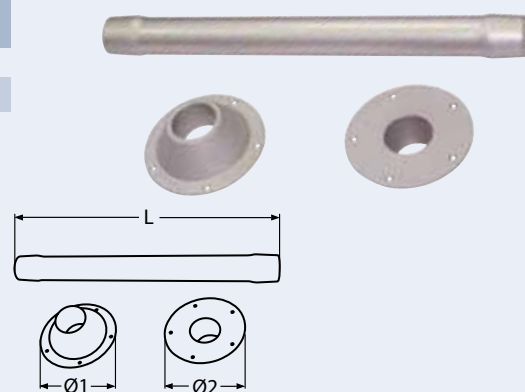
| Bestell-Nr.<br>Order no. | B   | H   | Max. Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|---------|-----|----------------------|
| 85222165_305             | 165 | 305 | 150     | 1   | 28,50                |



**Tischbein mit Füßen / Aluminium eloxiert, silber**  
Table leg with bases alu anodized silver / Pied de table alu anodisé argent

814649

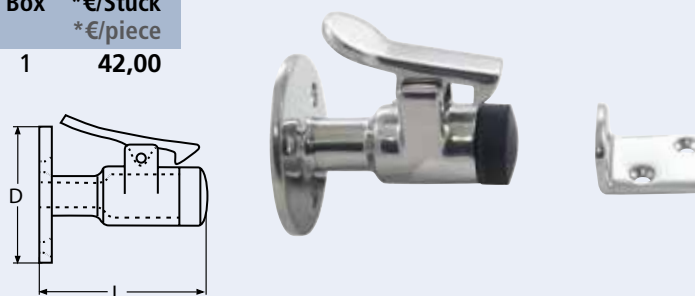
| Bestell-Nr.<br>Order no. | L   | Ø1  | Ø2  | Rohr-Ø<br>Tube-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|------------------|-----|----------------------|
| 8146490600               | 600 | 160 | 170 | 55               | 1   | 57,00                |
| 8146490700               | 700 | 160 | 170 | 55               | 1   | 71,00                |



**Türstopper / A2-AISI 304**  
Door stopper / Bloquer de porte

8477

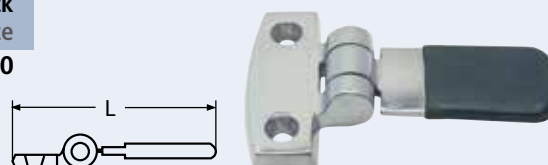
| Bestell-Nr.<br>Order no. | L  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 8477260                  | 60 | 50 | 1   | 42,00                |



**Türstopper / A4-AISI 316**  
Door stopper / Bloqueur de porte

814099

| Bestell-Nr.<br>Order no. | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------|
| 814099470                | 70 | 5   | 17,00                |

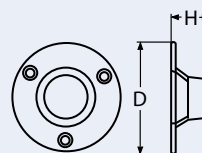




**Allzweckpuffer / A4-AISI 316**  
Allround buffer / Butoir inox

**8520**

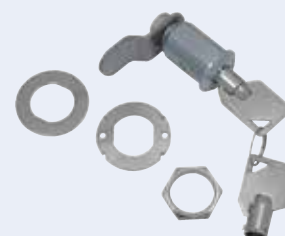
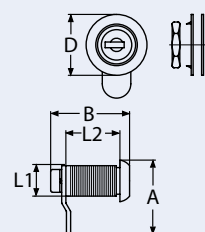
| Bestell-Nr.<br>Order no. | D  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 8520448                  | 48 | 18 | 1   | 8,30                 |



**Schloss mit Schlüssel / A2-AISI 304**  
Lock with key / Serrure avec clés

**8591**

| Bestell-Nr.<br>Order no. | A  | B  | D  | L1 | L2 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|----|-----|----------------------|
| 8591240                  | 40 | 42 | 33 | 18 | 29 | 5   | 21,00                |



**Schlüsselanhänger, schwimmfähig**  
Key chain, floating / Porte-clé, flottante

**814093**

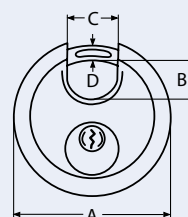
| Bestell-Nr.<br>Order no. | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------|
| 8140933000               | 10  | 6,00                 |



**Vorhängeschloss, rund / A2-AISI 304**  
Padlock, round / Cadenas inox

**8498**

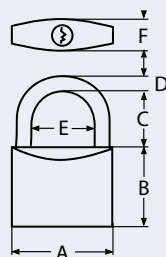
| Bestell-Nr.<br>Order no. | A  | B    | C  | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|-----|-----|----------------------|
| 8498270                  | 70 | 17,5 | 23 | 9,5 | 5   | 16,00                |



8500

**Marine Vorhängeschloss, Messing, verchromt; Bügel: A4-AISI 316, Innenteile: Messing-vernickelt**

Marine padlock, brass, chrome-plated shackle, AISI 316, inside: brass, nickel-plated / \*\*



| Bestell-Nr.<br>Order no. | A  | B    | C    | D   | E    | F    | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|------|-----|------|------|-----|----------------------|
| 8500730                  | 30 | 27,3 | 17,0 | 4,8 | 15,8 | 12,7 | 5   | 18,00                |
| 8500740                  | 40 | 33,0 | 23,8 | 6,4 | 22,6 | 14,2 | 5   | 24,00                |
| 8500750                  | 50 | 40,3 | 27,9 | 7,9 | 29,5 | 16,5 | 5   | 31,00                |

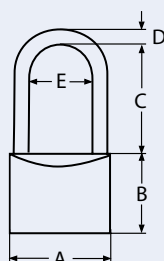
Achtung: 1.000 Std. Seewassersprühtest bestanden  
please note: passed 1000h seawater spray test

\*\* Cadenas, anse d'accrochage en laiton chromé plaqué,  
étrier: AISI 316 Intérieur en laiton nickelé plaqué

814651

**Vorhängeschloss mit langem Bügel, Körper aus Messing, Bügel aus Edelstahl**

Pad lock with long bow body made of brass bow made of stainless steel / Cadenas pour Art. 814224



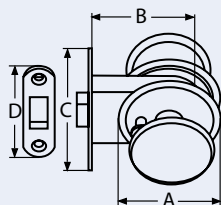
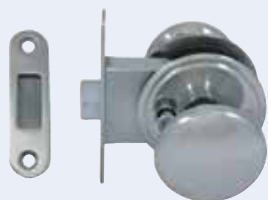
| Bestell-Nr.<br>Order no. | A  | B  | C  | D | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|---|----|-----|----------------------|
| 814651539 32             | 39 | 32 | 45 | 6 | 21 | 3   | 19,00                |

Für Außenboarderschloß Artikel 814224  
For outboard lock article 814224

8828

**Türschloss, magnetisch / A4-AISI 316**

Magnetic door latch / Verrou magnétique pour porte

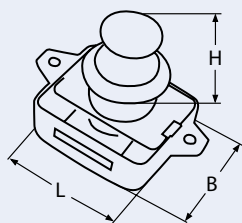


| Bestell-Nr.<br>Order no. | A  | B  | C  | D  | Türstärke<br>Door size | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|------------------------|-----|----------------------|
| 8828419_25               | 62 | 75 | 92 | 70 | 19 - 25                | 1   | 130,00               |
| 8828428_34               | 62 | 75 | 92 | 70 | 28 - 34                | 1   | 132,00               |

814187

**Druckknopfschloss / Kunststoff**

Pushlock, plastic / Serrure à bouton-poussoir, en plastique



| Bestell-Nr.<br>Order no. | Farbe<br>Colour | L  | B  | H    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|----|------|-----|----------------------|
| 8141873S                 | Silber / Silver | 53 | 44 | 19,9 | 1   | 19,00                |
| 8141873G                 | Gold / Gold     | 53 | 44 | 19,9 | 1   | 26,50                |

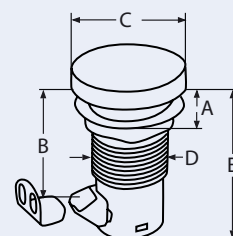
Für Türstärken max. 16 mm incl. Schliessblech (für 3,0 mm Schrauben)  
For door thickness max. 16 mm incl. strike plate (for 3.0 mm screws)

**NEW**

**Druckknopfschloss / A2-AISI 304**  
Pushlock / Bloqueur de porte

**814741**

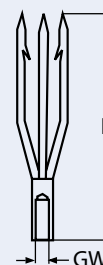
| Bestell-Nr.<br>Order no. | Form<br>Shape | A    | B  | C  | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|------|----|----|----|----|-----|----------------------|
| 814741236R               | Rund<br>Round | 5-25 | 53 | 36 | 25 | 48 | 1   | 26,90                |



**Harpunenspitze, Dreieck / A4-AISI 316**  
Triple fishhook / Embout d'harpon trident

**8479**

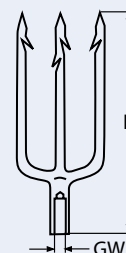
| Bestell-Nr.<br>Order no. | GW | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|-----|----------------------|
| 847946                   | M6 | 110 | 5   | 14,50                |



**Harpunenspitze, Dreizack / A4-AISI 316**  
Triple fishhook / Embout d'harpon trident

**8480**

| Bestell-Nr.<br>Order no. | GW | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|-----|----------------------|
| 848046                   | M6 | 125 | 5   | 12,50                |

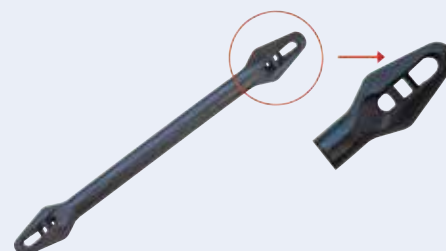


8

**Ruckdämpfer / Kautschuk**  
Mooring spring, rubber / Ressort de mouillage en caoutchouc

**814156**

| Bestell-Nr.<br>Order no. | Für Seil-Ø<br>For rope-Ø | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------|-----|-----|----------------------|
| 814156306                | 6 - 12                   | 440 | 1   | 28,00                |
| 814156314                | 14 - 18                  | 500 | 1   | 35,00                |
| 814156320                | 20 - 22                  | 540 | 1   | 55,00                |

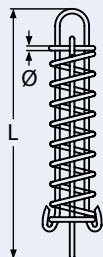




8377

## Ruckdämpfer / A2-AISI 304

Mooring spring / Ressort de mouillage

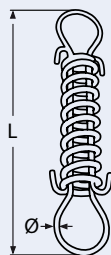


| Bestell-Nr.<br>Order no. | Draht-Ø<br>Wire-Ø | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|-----|-----|----------------------|
| 8377205_270              | 5                 | 270 | 1   | 16,40                |
| 8377206_335              | 6                 | 335 | 1   | 24,00                |
| 8377206_370              | 6                 | 370 | 1   | 27,00                |
| 8377211_400              | 11                | 400 | 1   | 104,00               |

814208

## Ruckdämpfer / A2-AISI 304

Mooring spring / Ressort de mouillage

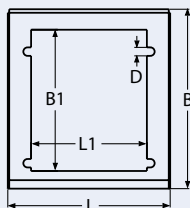


| Bestell-Nr.<br>Order no. | Draht-Ø<br>Wire-Ø | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|-----|-----|----------------------|
| 814208235_200            | 3                 | 180 | 1   | 16,00                |

8441

## Abdeckkappe für 220 Volt-Anschluss / A4-AISI 316

Cover for shore socket / Cache prise inox



| Bestell-Nr.<br>Order no. | L   | L1 | B   | B1  | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|-----|-----|-----|----------------------|
| 84414115_125             | 115 | 81 | 125 | 100 | 5,5 | 1   | 43,00                |

# Yachtzubehör, Ausrüstung und Spezielles

Yachting accessories, equipment and highlights

Équipement et accessoires exclusifs pour yachts

# 8

## Wasserdichte PVC Tasche

Waterproof bag / Etui en pvc étanche

## 8704

| Bestell-Nr.<br>Order no. | L   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 87043370                 | 370 | 115 | 1   | 11,80                |



## Bootshakenhalter / Nylon

Boat hook holder / Support universel pour bateau

## 8710

| Bestell-Nr.<br>Order no. |                                     | D     | Rohr-Ø<br>Tube-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------------------------|-------|------------------|-----|----------------------|
| 87103WAND                | Wandbefestigung<br>Wall mounting    | 22-36 | –                | 1   | 8,80                 |
| 87103RELING              | Relingsbefestigung<br>Rail mounting | 22-36 | 22-25            | 1   | 14,50                |



Reling / rail

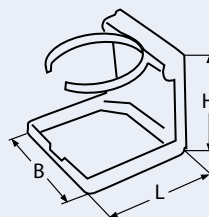
Wand / wall

## Dosenhalter / Plastik

Plastic drink holder / Porte verre en plastique

## 8711

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | L   | B   | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|-----|----|-----|----------------------|
| 87113WEISS               | Weiß / White    | 100 | 105 | 24 | 1   | 7,70                 |
| 87113SCHWARZ             | Schwarz / Black | 100 | 105 | 24 | 1   | 7,70                 |

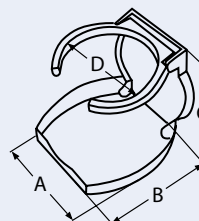


## Becherhalter mit Edelstahlfront / A2-AISI 304

Cup holder, stainless steel surface / Porte-gobelet à surface en inox

## 814136

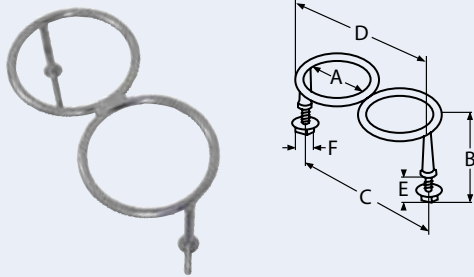
| Bestell-Nr.<br>Order no. | Farbe<br>Colour | A  | B  | C  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|----|----|----|-----|----------------------|
| 8141362W                 | Weiß / White    | 95 | 93 | 92 | 70 | 2   | 35,00                |
| 8141362B                 | Schwarz / Black | 95 | 93 | 92 | 70 | 2   | 35,00                |



814135

## Becher und Flaschenhalter / A2-AISI 304

Cup and bottle holder / Porte-gobelet et bouteille

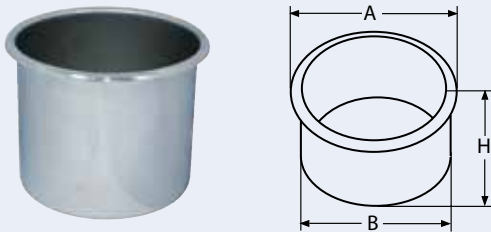


| Bestell-Nr.<br>Order no. | Modell<br>Model | A  | B   | C   | D   | E  | F | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|-----|-----|-----|----|---|-----|----------------------|
| 81413521                 | Single          | 88 | 100 | 105 | 106 | 51 | 8 | 2   | 34,00                |
| 81413522                 | Double          | 88 | 100 | 205 | 210 | 51 | 8 | 2   | 46,00                |
| 81413523                 | Triple          | 88 | 100 | 105 | 310 | 51 | 8 | 2   | 55,00                |

8832

## Flaschenhalter / A2-AISI 304

Bottle holder / Support pour bouteilles



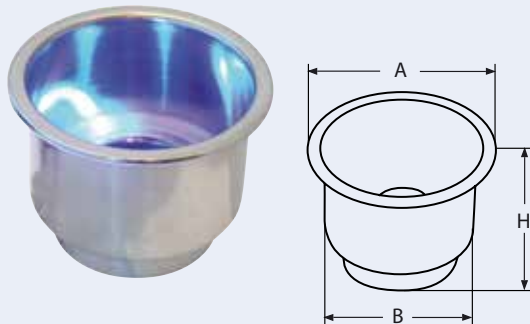
| Bestell-Nr.<br>Order no. | A   | B  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-----|----------------------|
| 88322109                 | 109 | 95 | 83 | 5   | 33,00                |

814755

## Flaschenhalter mit LED-Beleuchtung / A2-AISI 304

Bottle holder with LED lights / Seau à glace LED bleu ou rouge

NEW



| Bestell-Nr.<br>Order no. | A   | B  | H  | LED-Farbe<br>LED colour | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-------------------------|-----|----------------------|
| 8147552108B              | 108 | 91 | 83 | Blau / Blue             | 5   | 22,00                |
| 8147552108R              | 108 | 91 | 83 | Rot / Red               | 5   | 22,00                |

8935

## Isolierkanne / Edelstahl

Vacuum flask, stainless steel / Thermos



| Bestell-Nr.<br>Order no. | Liter | Box | *€/Stück<br>*€/piece |
|--------------------------|-------|-----|----------------------|
| 8935210                  | 1,0   | 1   | 31,60                |
| 8935215                  | 1,5   | 1   | 29,50                |

**Isolierflasche / Edelstahl**  
Vacuum flask, stainless steel / Thermos

**8936**

| Bestell-Nr.<br>Order no. | Liter | Box | *€/Stück<br>*€/piece |
|--------------------------|-------|-----|----------------------|
| 8936205                  | 0,5   | 1   | 13,00                |
| 8936207                  | 0,7   | 1   | 19,80                |
| 8936210                  | 1,0   | 1   | 20,80                |



**Isolierbecher / Edelstahl**  
Vacuum mug, stainless steel / Mug Thermos

**8937**

| Bestell-Nr.<br>Order no. | Liter | Box | *€/Stück<br>*€/piece |
|--------------------------|-------|-----|----------------------|
| 89372035                 | 0,35  | 1   | 12,30                |

Doppelwandig / Double walled



**Isolierbecher, hochglanzpoliert / Edelstahl**  
Vacuum mug, mirror polished, stainless steel / Gobelet Thermos

**8938**

| Bestell-Nr.<br>Order no. | Liter | Box | *€/Stück<br>*€/piece |
|--------------------------|-------|-----|----------------------|
| 89382030                 | 0,3   | 1   | 14,00                |

Doppelwandig / Double walled



8

**Isolierbecher mit Deckel / Edelstahl**  
Vacuum mug with lid, stainless steel / Gobelet Thermos

**8939**

| Bestell-Nr.<br>Order no. | Liter | Box | *€/Stück<br>*€/piece |
|--------------------------|-------|-----|----------------------|
| 89392040                 | 0,4   | 1   | 12,80                |

Doppelwandig / Double walled



814597

**Isolierter Lebensmittelbehälter 1,5l / Edelstahl**

Vacuum food container 1.5 l, stainless steel / Boite alimentaire isotherme



| Bestell-Nr.<br>Order no. | Liter | Box | *€/Stück<br>*€/piece |
|--------------------------|-------|-----|----------------------|
| 814597215                | 1,5   | 1   | 40,00                |

8940

**Bierkrug, hochglanzpoliert / Edelstahl**

Beer mug, mirror polished, stainless steel / Choie à bière poli brian



| Bestell-Nr.<br>Order no. | Liter | Box | *€/Stück<br>*€/piece |
|--------------------------|-------|-----|----------------------|
| 89402040                 | 0,4   | 1   | 22,50                |

Doppelwandig / Double walled

814759

**Skippers friend / A2 AISI 304**

Skippers friend / Fiole en inox

NEW



| Bestell-Nr.<br>Order no. | ml  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8147592190               | 190 | 1   | 12,00                |

8941

**Cappuccino Becher, hochglanzpoliert / Edelstahl**

Cappuccino cup, mirror polished, stainless steel / Tasse à cappuccino poli brian



| Bestell-Nr.<br>Order no. | Liter | Box | *€/Stück<br>*€/piece |
|--------------------------|-------|-----|----------------------|
| 89412030                 | 0,3   | 1   | 11,80                |

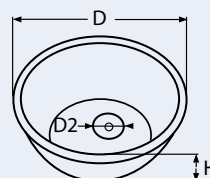
Doppelwandig / Double walled



**Handwaschbecken, hochglanzpoliert / A2-AISI 304**  
Washbasin, mirror polished / Lavabo

**8866**

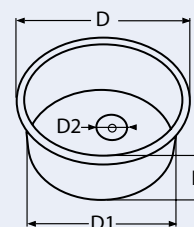
| Bestell-Nr.<br>Order no. | D   | D2 | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|-----|----------------------|
| 88662260                 | 260 | 52 | 140 | 1   | 89,00                |



**Handwaschbecken, hochglanzpoliert / A2-AISI 304**  
Washbasin, mirror polished / Lavabo poli

**814075**

| Bestell-Nr.<br>Order no. | D   | D1  | H   | D2 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----|-----|----------------------|
| 8140752125               | 290 | 260 | 125 | 62 | 1   | 86,30                |
| 8140752180               | 290 | 260 | 180 | 62 | 1   | 98,30                |



**Bootshaken / Alu**  
Boat hook / Gaffe en alu

**814280**

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | L           | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-------------|----|-----|----------------------|
| 8142800W                 | Weiß / White    | 1200 - 2100 | 30 | 1   | 30,00                |
| 8142800R                 | Rot / Red       | 1200 - 2100 | 30 | 1   | 30,00                |
| 8142800B                 | Blau / Blue     | 1200 - 2100 | 30 | 1   | 30,00                |



8

**Bootshaken, Holz mit Edelstahlhaken / A2-AISI 304**  
Wooden boat hook with stainless steel hook

**814281**

| Bestell-Nr.<br>Order no. | L    | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|------|----|-----|----------------------|
| 8142812180               | 1800 | 28 | 1   | 55,00                |
| 8142812210               | 2100 | 28 | 1   | 62,00                |





# Yachtzubehör, Ausrüstung und Spezielles

Yachting accessories, equipment and highlights

Équipement et accessoires exclusifs pour yachts

# 8

## Teleskop-Bootshaken / Alu

Telescoping boat hook / Gaffe télescopique alu

## 8707

| Bestell-Nr.<br>Order no. | Ø  | L           | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-------------|-----|----------------------|
| 8707029                  | 29 | 1175 - 2000 | 1   | 32,00                |

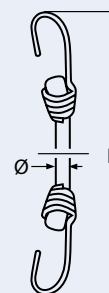


## Segelzeising, Gummi-Zeising / A2-AISI 304

Sail ties / Sandow avec crochets

## 8708

| Bestell-Nr.<br>Order no. | Ø | L    | Box | *€/Stück<br>*€/piece |
|--------------------------|---|------|-----|----------------------|
| 870820300                | 8 | 300  | 10  | 5,30                 |
| 870820500                | 8 | 500  | 10  | 6,30                 |
| 870820800                | 8 | 800  | 10  | 7,30                 |
| 870821000                | 8 | 1000 | 10  | 8,40                 |

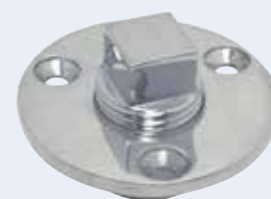
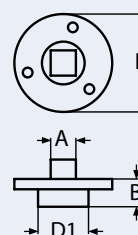


## Lenzstopfen / A4-AISI 316

Drain plug / Bouchon

## 8700

| Bestell-Nr.<br>Order no. | D  | D1 | A  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|----|-----|----------------------|
| 8700426_16               | 50 | 20 | 14 | 16 | 1   | 16,40                |

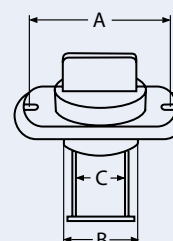


## Lenzstopfen / A4-AISI 316

Drain plug / Bouchon

## 8669

| Bestell-Nr.<br>Order no. | A  | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8669439                  | 39 | 25 | 12 | 1   | 17,00                |

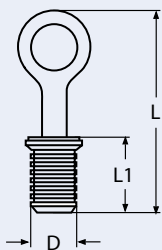




8596

## Lenzstopfen / A2-AISI 304

Drain plug / Bouchon pour réservoir

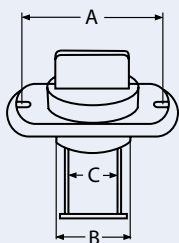


| Bestell-Nr.<br>Order no. | D  | L  | L1 | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 8596225                  | 25 | 50 | 33 | 1   | 5,20                 |

814120

## Lenzstopfen / A4-AISI 316

Drain plug / Bouchon



| Bestell-Nr.<br>Order no. | A  | B  | C  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|-----|----------------------|
| 814120454                | 54 | 24 | 12 | 2   | 23,40                |
| 814120464                | 64 | 31 | 19 | 2   | 29,90                |

8880

## Kielrolle mit Buchse / Gummi

Keel roller with pipe, rubber / Rouleau avec douille en caoutchouc



| Bestell-Nr.<br>Order no. | Länge<br>Length | Schaft-Ø<br>Shaft-Ø | Außen-Ø<br>Outside-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|---------------------|----------------------|-----|----------------------|
| 88803100                 | 100             | 13                  | 75                   | 5   | 5,30                 |
| 88803130                 | 130             | 16                  | 75                   | 5   | 6,30                 |
| 88803200                 | 190             | 16                  | 75                   | 5   | 8,00                 |

8881

## Bugrolle mit Buchse / Gummi

Bow roller with pipe, rubber / Rouleau, caoutchouc



| Bestell-Nr.<br>Order no. | Länge<br>Length | Schaft-Ø<br>Shaft-Ø | Außen-Ø<br>Outside-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|---------------------|----------------------|-----|----------------------|
| 88813075                 | 75              | 13                  | 75                   | 5   | 4,80                 |

# Yachtzubehör, Ausrüstung und Spezielles

Yachting accessories, equipment and highlights

Equipement et accessoires exclusifs pour yachts

# 8

## V-Kielrolle mit Buchse / Gummi

V-Keel roller with pipe, rubber / Rouleau-V avec douille en caoutchouc

## 8882

| Bestell-Nr.<br>Order no. | Länge<br>Length | Schaft-Ø<br>Shaft-Ø | Außen-Ø<br>Outside-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|---------------------|----------------------|-----|----------------------|
| 88823200                 | 200             | 16                  | 80                   | 5   | 13,60                |
| 88823250                 | 250             | 16                  | 80                   | 5   | 15,60                |



## Seitenrolle mit Buchse / Gummi

Side guide roller with pipe, rubber / Rouleau avec douille en caoutchouc

## 8883

| Bestell-Nr.<br>Order no. | Länge<br>Length | Schaft-Ø<br>Shaft-Ø | Außen-Ø<br>Outside-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|---------------------|----------------------|-----|----------------------|
| 88833100                 | 100             | 16                  | 62                   | 5   | 7,80                 |
| 88833150                 | 150             | 16                  | 62                   | 5   | 9,40                 |



## Bugpuffer / Gummi

Bow guard, rubber / amortisseur proue en caoutchouc

## 8884

| Bestell-Nr.<br>Order no. | Basis<br>Basis | Höhe<br>Height | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------|----------------|-----|----------------------|
| 88843050                 | 50 x 50        | 50             | 5   | 5,10                 |
| 88843100                 | 100 x 75       | 80             | 5   | 11,20                |



# 8

## Bugpuffer / Polyurethan

Bow guard, polyurethan / Arrêt, proue, polymethane

## 8943

| Bestell-Nr.<br>Order no. | Schaft-Ø<br>Shaft-Ø | Länge<br>Length | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|-----------------|-----|----------------------|
| 8943313                  | 12,5                | 150             | 2   | 20,20                |





8944

**Bugrolle / Polyurethan**

Bow roller, polyurethan / Davier simple - polymethane



| Bestell-Nr.<br>Order no. | Schaft-Ø<br>Shaft-Ø | Länge<br>Length | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|-----------------|-----|----------------------|
| 8944313                  | 13                  | 67              | 2   | 19,10                |

8945

**Kielrolle / Polyurethan**

Keel roller, polyurethan / Quille - polymethane



| Bestell-Nr.<br>Order no. | Schaft-Ø<br>Shaft-Ø | Länge<br>Length | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|-----------------|-----|----------------------|
| 8945316                  | 16                  | 95              | 2   | 28,00                |

8946

**Kielrolle / Polyurethan**

Keel roller, polyurethan / Rouleau - polymethane



| Bestell-Nr.<br>Order no. | Schaft-Ø<br>Shaft-Ø | Länge<br>Length | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|-----------------|-----|----------------------|
| 8946316                  | 16                  | 125             | 2   | 33,10                |

8947

**Kielrolle / Polyurethan**

Keel roller, polyurethan / Rouleau - polymethane



| Bestell-Nr.<br>Order no. | Schaft-Ø<br>Shaft-Ø | Länge<br>Length | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|-----------------|-----|----------------------|
| 8947316                  | 16                  | 190             | 1   | 50,00                |

**Frischwasserspüler für Außenborder**

Motor flusher for outboard motor / Appareil de rinçage - extérieur

**8847**

| Bestell-Nr.<br>Order no. | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------|
| 88473                    | 1   | 11,90                |

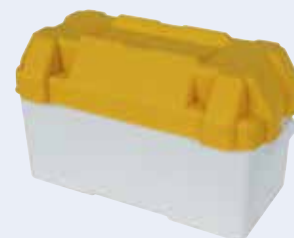
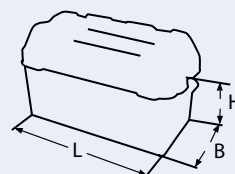


**Batterie Box / PVC**

Battery box / Bacs à batterie

**814301**

| Bestell-Nr.<br>Order no. | L   | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|----------------------|
| 8143013410               | 415 | 200 | 200 | 1   | 30,00                |

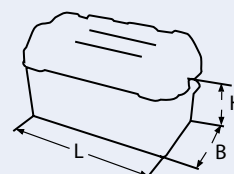


**Marine Batteriebox / PVC**

Marine battery box, PVC / Batterie marine - PVC

**8848**

| Bestell-Nr.<br>Order no. | Innen (L x B x H)<br>Inside (L x B x H) | Außen (L x B x H)<br>Outside (L x B x H) | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------------------|------------------------------------------|-----|----------------------|
| 88483270                 | 260 x 170 x 200                         | 360 x 250 x 280                          | 1   | 16,50                |
| 88483330                 | 320 x 170 x 200                         | 420 x 250 x 280                          | 1   | 19,20                |



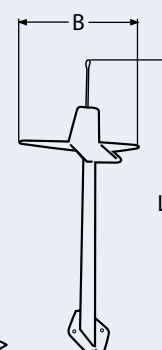
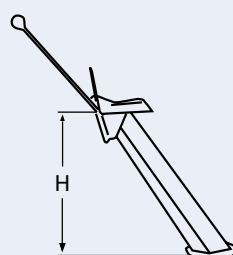
8

**Lichtmast / A2-AISI 304**

Mast light tower / Support de lumière pour Mât

**814092**

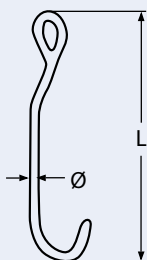
| Bestell-Nr.<br>Order no. | L   | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|----------------------|
| 8140922730               | 730 | 350 | 460 | 1   | 116,00               |



8998

## Schleusenhook / A4-AISI 316

Sluice hook / Crochet

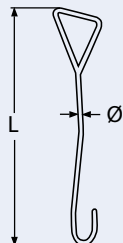


| Bestell-Nr.<br>Order no. | L   | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 89984245_10              | 245 | 10 | 5   | 10,00                |

814126

## Schleusenhook / A4-AISI 316

Sluice hook / Crochet d'écluse

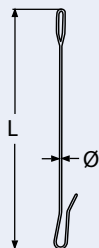


| Bestell-Nr.<br>Order no. | L   | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8141264560_10            | 560 | 10 | 2   | 25,00                |
| 8141264750_10            | 750 | 10 | 2   | 30,00                |

814127

## Bojenhook / A4-AISI 316

Buoy hook / Crochet de bouée

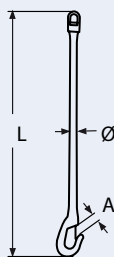


| Bestell-Nr.<br>Order no. | L    | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|------|----|-----|----------------------|
| 8141274116_10            | 1160 | 10 | 2   | 43,00                |

814688

## Bojenhook mit Sicherung / A4-AISI 316

Buoy hook with safeguard / Longe de sécurité



| Bestell-Nr.<br>Order no. | A  | L    | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|----|-----|----------------------|
| 8146884900               | 30 | 900  | 25 | 1   | 90,00                |
| 81468841400              | 40 | 1400 | 30 | 1   | 135,00               |

**Schleusenhook mit P.P.-Seil / A4-AISI 316**  
Sluice hook with p.p. rope / Crochet avec corde

**814043**

| Bestell-Nr.<br>Order no. | Hakenlänge<br>Length of hook | Seil-Ø<br>Rope-Ø | Seillänge<br>Length of rope | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------------------|------------------|-----------------------------|-----|----------------------|
| 81404343245_10           | 245                          | 10               | 5 Mtr.                      | 1   | 43,00                |

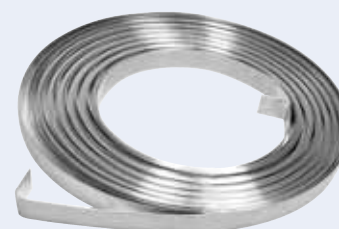


**Universal Edelstahlband / A2-AISI 304**

Universal stainless steel band / Bande en acier inoxydable - universel

**814029**

| Bestell-Nr.<br>Order no. | B  | Bund/m<br>Bundle/m | S    | Box | *€/Meter<br>*€/metre |
|--------------------------|----|--------------------|------|-----|----------------------|
| 814029219                | 19 | 30                 | 0,75 | 30  | 4,50                 |



**Einbindeschlaufen für Edelstahlband / A2-AISI 304**

Loop for stainless steel band / Passant pour bandeau inox

**814030**

| Bestell-Nr.<br>Order no. | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------|
| 814030219                | 19 | 10  | 0,90                 |



**Spann- und Schneidewerkzeug für Edelstahlband**

Stretch and cutting tool for stainless steel band / Outil pour coupage et tension bandeau en inox

**814031**

| Bestell-Nr.<br>Order no. | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------|
| 81403110                 | 1   | 242,00               |



**814151****Windenkurbel, schwimmfähig / Plastik**

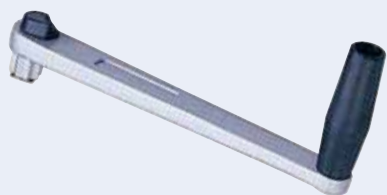
Lock-in floating winch handle, plastic / Manivelle de treuil flottante en plastique



| Bestell-Nr.<br>Order no. | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8141513250               | 250 | 2   | 33,00                |

**814152****Windenkurbel / Alu**

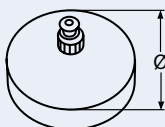
Winch handle / Manivelle de treuil en alu



| Bestell-Nr.<br>Order no. | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8141520250               | 250 | 2   | 42,00                |

**814692****Ausziehbare Wäscheleine / A2-AISI 304**

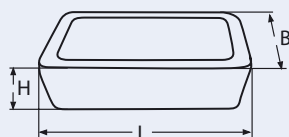
Retractable clothes line / Corde à linge rétractable



| Bestell-Nr.<br>Order no. | Ø  | Länge der Leine<br>Length of line | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----------------------------------|-----|----------------------|
| 814692290                | 90 | 2,5 m                             | 1   | 19,50                |

**814812****Schuhhüllenspender / Plastik**

Shoe cover dispenser / Boite à couvrir chaussure jetable

**NEW**

| Bestell-Nr.<br>Order no. | L                         | H   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----|-----|-----|----------------------|
| 8148123390               | 390                       | 120 | 195 | 1   | 87,50                |
| 8148123HUELLE            | Schuhhüllen<br>Shoe cover |     |     | 100 | 0,10                 |





**Bullauge mit Sicherheitsglas / A2-AISI 304**  
Porthole with safety glass / Hublot avec verre de sûreté

**814101**

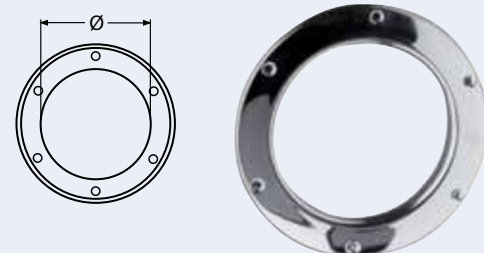
| Bestell-Nr.<br>Order no.                                                                                | Ø   | Box | *€/Stück<br>*€/piece |
|---------------------------------------------------------------------------------------------------------|-----|-----|----------------------|
| 8141012100                                                                                              | 100 | 1   | 192,00               |
| 8141012125                                                                                              | 125 | 1   | 206,00               |
| 8141012150                                                                                              | 150 | 1   | 258,00               |
| Für Wandstärken von 4-15 mm. Absolut wasserdicht.<br>For wall thickness 4-15 mm. Absolutely waterproof. |     |     |                      |
| Erweiterungsrosette für Wandstärke bis 40mm<br>Enlargement for wall thickness 40mm                      |     |     |                      |
| 8141012100R                                                                                             | 100 | 1   | 29,00                |
| 8141012125R                                                                                             | 125 | 1   | 29,00                |
| 8141012150R                                                                                             | 150 | 1   | 29,50                |



**Rundfenster mit Sicherheitsglas / A2-AISI 304**  
Round window with safety glass / Fenêtre ronde avec verre de sûreté

**814102**

| Bestell-Nr.<br>Order no.                                                                                | Innen-Ø<br>Inside-Ø | Außen-Ø<br>Outside-Ø | Box | *€/Stück<br>*€/piece |
|---------------------------------------------------------------------------------------------------------|---------------------|----------------------|-----|----------------------|
| 8141022125                                                                                              | 125                 | 190                  | 1   | 149,00               |
| 8141022150                                                                                              | 150                 | 215                  | 1   | 175,00               |
| 8141022200                                                                                              | 200                 | 265                  | 1   | 322,00               |
| Für Wandstärken von 4-20 mm. Absolut wasserdicht.<br>For wall thickness 4-20 mm. Absolutely waterproof. |                     |                      |     |                      |
| Erweiterungsrosette für Wandstärke bis 40mm<br>Enlargement for wall thickness 40mm                      |                     |                      |     |                      |
| 8141022125R                                                                                             | 125                 |                      | 1   | 29,00                |
| 8141022150R                                                                                             | 150                 |                      | 1   | 29,50                |
| 8141022200R                                                                                             | 200                 |                      | 1   | 39,00                |



**Lenkradknopf / A4-AISI 316**  
Handle bar for steering / Boule de volant

**814098**

| Bestell-Nr.<br>Order no. | max. Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|-----|----------------------|
| 814098420                | 20     | 2   | 35,00                |



814055

**Wasserskiseil mit Griff**

Waterski rope with handle / Corde de ski nautique avec poignée



| Bestell-Nr.<br>Order no. | Seillänge<br>Length of rope | Griffbreite<br>Width of handle | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------|--------------------------------|-----|----------------------|
| 814055323                | 23 mtr.                     | 220                            | 1   | 45,00                |

814056

**Wasserskispiegel**

Waterski mirror / Rétroviseur pour ski nautique



| Bestell-Nr.<br>Order no. | L   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 8140563                  | 300 | 100 | 1   | 33,00                |

814095

**Uhr, Messing, blank, lackiert**

Clock, brass, polished, lacquered / Horloge en laiton brillant, laqué



| Bestell-Nr.<br>Order no. | Ø   | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8140955113               | 113 | 54 | 1   | 165,00               |

814096

**Barometer, Messing, blank, lackiert**

Barometer, brass, polished, lacquered / Baromètre en laiton brillant, laqué



| Bestell-Nr.<br>Order no. | Ø   | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8140965113               | 113 | 54 | 1   | 188,00               |

# Yachtzubehör, Ausrüstung und Spezielles

Yachting accessories, equipment and highlights

Équipement et accessoires exclusifs pour yachts

8

## Bullaugenspiegel, Messing blank

Brass porthole mirror / Miroir hublot en laiton brillant

814097

| Bestell-Nr.<br>Order no. | Ø   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8140975200               | 200 | 1   | 82,00                |
| 8140975300               | 300 | 1   | 135,00               |



## Kompass

Compass / Boussole

814094

| Bestell-Nr.<br>Order no. | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------|
| 8140943000               | 5   | 20,00                |



## Manuelle Winch / A2-AISI 304

Manual Winch / Treuil manuel

814129

| Bestell-Nr.<br>Order no. | Zugkraft max. Kg<br>Traction max. kg | Grundplatte<br>Groundplate | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------------|----------------------------|-----|----------------------|
| 8141292270               | 270                                  | 108 x 90                   | 1   | 292,00               |
| 8141292540               | 540                                  | 135 x 90                   | 1   | 340,00               |



## Decksreinigungsset

Deck cleaning set / Set de nettoyage pour pont

814124

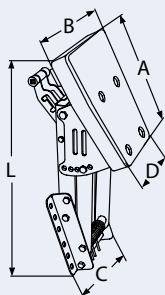
| Bestell-Nr.<br>Order no. | Schaftlänge<br>Length | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------|-----|----------------------|
| 8141243                  | 1,22 m                | 1   | 36,00                |



8706

**Außenborderhalterung / A2-AISI 304**

Motor bracket / Chaise inox relevable pour moteur

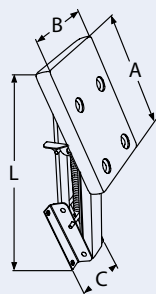


| Bestell-Nr.<br>Order no. | Kg max.<br>Kg max. | L   | A   | B   | C   | D   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------|-----|-----|-----|-----|-----|-----|----------------------|
| 8706220                  | 40                 | 520 | 260 | 210 | 190 | 160 | 1   | 267,00               |

8934

**Außenborderhalterung mit Holzplatte / A2-AISI 304**

Motor bracket with wood plate / Fixation pour moteur

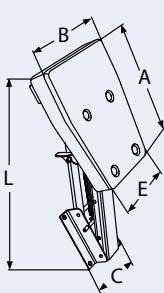


| Bestell-Nr.<br>Order no. | Kg max.<br>Kg max. | L   | A   | B   | C   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------|-----|-----|-----|-----|-----|----------------------|
| 8934210                  | 30                 | 450 | 245 | 180 | 115 | 1   | 136,00               |

814596

**Außenborderhalterung mit Kunststoffplatte / A2-AISI 304**

Motor bracket with plastic plate / Support moteur réglable, Support en inox, Plaque en plastique



| Bestell-Nr.<br>Order no. | Kg max.<br>Kg max. | L   | A   | B   | C   | E   | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------|-----|-----|-----|-----|-----|-----|----------------------|
| 814596210                | 30                 | 490 | 265 | 208 | 110 | 160 | 1   | 140,00               |

814590

**Propeller-Schutzhülle für Außenborder**

Propeller cover for outboard motor / Couverture pour moteur à propulsion



| Bestell-Nr.<br>Order no. | L   | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|----------------------|
| 8145903560               | 560 | 660 | 260 | 1   | 41,60                |

Farbe: Rot, 100 % wasserabweisend, UV-Beständig

Colour: Red, 100 % waterproof, UV resistant

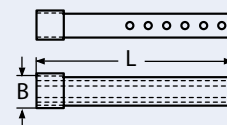
Material: Terylene

Das Abdecken der Schiffsschraube während des Transports ist in Deutschland Pflicht! (StVO § 32 Abs. 2) sofern er über die Lichtleiste ragt.

**Außenborderschloss / A4-AISI 316**  
Outboard lock / Antivol

**814224**

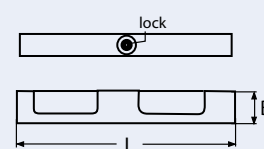
| Bestell-Nr.<br>Order no. | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8142244320               | 320 | 40 | 1   | 23,80                |



**Außenborderschloss / A4-AISI 316**  
Outboard lock / Antivol pour moteur

**8554**

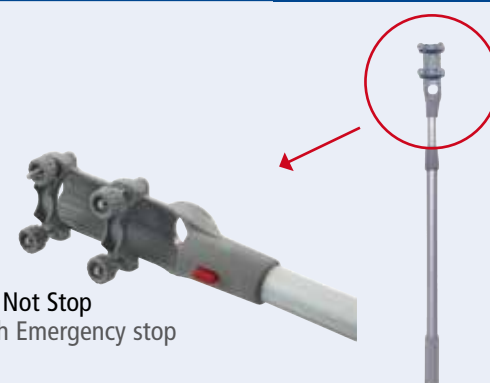
| Bestell-Nr.<br>Order no. | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 85544270                 | 300 | 35 | 1   | 74,00                |



**Verlängerungsgasgriff für Außenborder / Alu**  
Extension handle for outboard motor / Rallonge de barre franche télescopique

**814282**

| Bestell-Nr.<br>Order no. | Auszugslänge<br>Extension length | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------------|-----|----------------------|
| 8142820600               | 600 - 1000                       | 1   | 44,60                |



Mit Not Stop  
With Emergency stop

**Transporträder für Schlauchboote / A2-AISI 304**  
Rubber boat carrier / Roues de halage

**814286**

| Bestell-Nr.<br>Order no. | Rad-Ø<br>Wheel-Ø | Max. Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|---------|-----|----------------------|
| 8142862260               | 260              | 130     | 2   | 90,00                |





814697

## Transportwagen für Außenborder, faltbar

Engine holding trolley foldable / Chariot de transport moteur pliable



| Bestell-Nr.<br>Order no. | Für PS<br>For HP | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-----|----------------------|
| 81469710                 | max. 15          | 1   | 190,00               |

814809

## Transportkarre, faltbar / ALU

Folding hand truck / Diable en Alu

NEW



| Bestell-Nr.<br>Order no. | L1  | L2   | B   | Tragkraft<br>Loading capacity | Gewicht<br>Weight | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|-----|-------------------------------|-------------------|-----|----------------------|
| 8148090640               | 640 | 1000 | 390 | Max. 60 kg                    | 3,1 kg            | 1   | 68,00                |

814287

## Motor-Bock

Engine holder / Support moteur fixe pliable



| Bestell-Nr.<br>Order no. | H   | Für PS<br>For HP | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------------------|-----|----------------------|
| 81428710900              | 900 | bis 25 / till 25 | 1   | 86,00                |



**814288****Transportwagen für Außenborder**

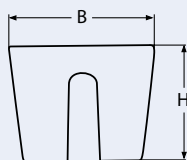
Engine holding trolley / Chariot support moteur



| Bestell-Nr.<br>Order no. | H   | Für PS<br>For HP | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------------------|-----|----------------------|
| 81428810900              | 900 | bis 25 / till 25 | 1   | 116,00               |

**814289****Heckschutzplatte**

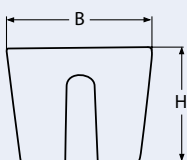
Transom plate / Plaque de protection



| Bestell-Nr.<br>Order no. | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 8142893430_350           | 430 | 350 | 5   | 9,50                 |

**814290****Heckschutzplatte, gewinkelt, 22° - 1°**

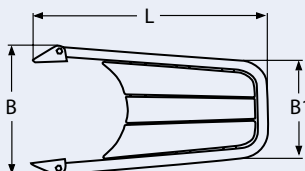
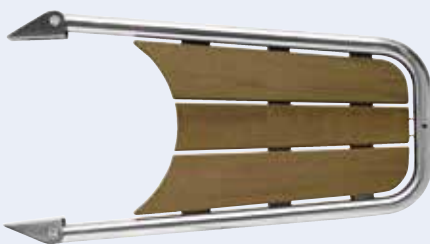
Transom plate, angled, 22° - 1° / Plaque de protection inclinée 22° - 1°



| Bestell-Nr.<br>Order no. | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 8142903420_340           | 420 | 340 | 5   | 13,80                |

**814647****Bugsprriet / Teak / A4-AISI 316**

Bow spring / Delphinière



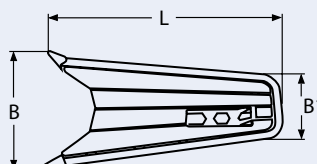
| Bestell-Nr.<br>Order no. | L   | B   | B1  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|----------------------|
| 8146474280               | 650 | 330 | 280 | 1   | 301,00               |

**Bugsprit mit Ankerrolle / Teak / A4-AISI 316**

Bow spring with anchor roller / Delphinrière avec davier pour ancrés

**814648**

| Bestell-Nr.<br>Order no. | L    | B   | B1  | Box | *€/Stück<br>*€/piece |
|--------------------------|------|-----|-----|-----|----------------------|
| 8146484580               | 1200 | 580 | 330 | 1   | 1300,00              |



**Möwenschreck / Plastik**

Anti seagull crow / Corbeau contre mouettes

**814333**

| Bestell-Nr.<br>Order no. | L   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 8143333380               | 380 | 220 | 1   | 12,00                |

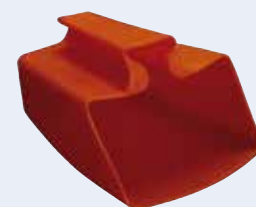
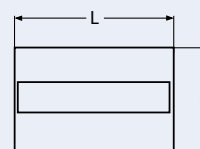


**Schöpfeimer / Plastik**

Plastic bailer / Ecope en plastique

**814299**

| Bestell-Nr.<br>Order no. | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8142993180_90            | 180 | 90 | 5   | 3,30                 |



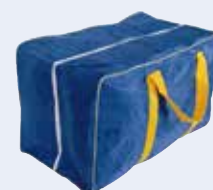
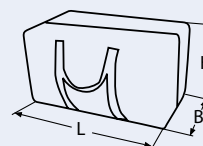
8

**Zubehör Tasche / Nylon**

Accessory bag / Sac (vide)

**814317**

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | L   | B   | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|-----|-----|-----|----------------------|
| 8143173B                 | Blau / Blue     | 700 | 340 | 380 | 1   | 36,00                |
| 8143173G                 | Gelb / Yellow   | 700 | 340 | 380 | 1   | 36,00                |





## Keine Hydraulik Keine elektrischen Schalter

Die SMART TABS sind komplett selbsteinstellend; keine Benutzereinstellung erforderlich.  
Die Nitrogengasdruckdämpfer sorgen dafür, dass sich das Boot vorne nicht hebt, indem sie die Trimmklappen unten halten.

## Geschwindigkeitsregulierung

Bei Beginn der Fahrt stellen sich die SMART TABS auf einen abwärtigen Winkel ein. Bei höheren Geschwindigkeiten drückt das Wasser die Trimmklappen nach oben, um das Boot wieder in eine horizontale Lage zu bringen.

## Bootstabilisatoren

Selbst beim Cruisen setzen die SMART TABS ihre Arbeit fort. Sie wirken dann wie Schockabsorber. Die konstante Einstellung auf die Wasserbedingungen erlaubt den SMART TABS, beim Wenden und Wellen überqueren Stabilität in das Boot zu bringen.

## Das Einzige seiner Art

Das einzigartige System ist das Einzige seiner Art in der Branche. Das eingebaute Gasdruckdämpfersystem ist einzigartig in seinem Design.

- Es erhöht die Gleitgeschwindigkeit um 33%
- Es erhöht den Fahrkomfort bei langsamer Geschwindigkeit
- Es verbessert die Wirtschaftlichkeit, das Handling und die Sicherheit

## Einfache Installation

Mit einem Akkuschauber und 2 Philips-Bits kann jeder die SMART TABS in weniger als einer halben Stunde anbringen.

- Alle Montageteile und Anleitungen inkl.
- SMART TABS erfordern für die Montage kein Durchbohren!

# SMART

8995



Vorher / Before



8996





# TABS

## Automatische Trimmklappen ohne Strom / A2-AISI 304

Automatic trim tabs without electricity

**8995**

| Bestell-Nr.<br>Order no. | Bootslänge/Fuss<br>Boat length/feet | Bootslänge/m<br>Boat length/m | PS<br>HP | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------------------------|-------------------------------|----------|-----|----------------------|
| 89952008_18              | 10'; 11'; 12'                       | 3,0; 3,4; 3,6                 | 8-18     | 2   | 115,00               |
| 89952020_25              | 10'; 11'; 12'                       | 3,0; 3,4; 3,6                 | 20-25    | 2   | 115,50               |
| 89952030_50              | 12'; 13'; 14'; 15'                  | 3,6; 4,0; 4,3; 4,6            | 30-50    | 2   | 149,00               |
| 89952060_150             | 15'; 16'; 17'; 18'                  | 4,6; 4,9; 5,2; 5,5            | 60-150   | 2   | 185,00               |
| 89952150_240             | 17'; 18'; 19'; 20'; 21'; 22'        | 5,2; 5,5; 5,8; 6,1            | 150-240  | 2   | 185,00               |

## Automatische Trimmklappen ohne Strom / A2-AISI 304

Automatic trim tabs without electricity

**8996**

| Bestell-Nr.<br>Order no. | Bootslänge<br>Fuss<br>Boat length<br>feet | Bootslänge<br>Meter<br>Boat length<br>metre | Max.Bootsbreite<br>Fuss<br>Max. boat width<br>feet | Max. Bootsweite<br>Meter<br>Max. boat width<br>metre | Max.<br>Gewicht<br>Max.<br>weight | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------------------------------|---------------------------------------------|----------------------------------------------------|------------------------------------------------------|-----------------------------------|-----|----------------------|
| 899622945                | 23' - 30'                                 | 7,0 - 9,1                                   | 9'                                                 | 2,7                                                  | 2945 kg                           | 2   | 278,00               |
| 899623850                | 23' - 30'                                 | 7,0 - 9,1                                   | 9'                                                 | 2,7                                                  | 3850 kg                           | 2   | 278,00               |



Nachher / After

## No hydraulics No electric switches

SMART TABS are completely automatic, requiring no operator adjustment while underway. The nitrogen gas actuator provides LIFT at the stern of the boat by holding the trim plate down during acceleration. The amount of LIFT is determined by the actuator load rating and the trim plate adjustment, which is done at the time of installation (see installation instructions).

## Speed regulation

SMART TABS start at a downward angle to maximize lift at slow speeds. As the boat accelerates, the water pushes up on the trim plates, providing lift to the stern, which minimizes bow rise and allows the boat to plane quickly. Once the water pressure exceeds the actuator load rating (maximum lift), the trim plates move up to a horizontal position eliminating any drag.

## Boat stabilizers

Even when cruising, SMART TABS continue to work like shock absorbers. The constant adjustments to sea conditions allow SMART TABS to provide remarkable stability in turns, while crossing waves, while cruising and while running at maximum speeds. No more sliding, porpoising or chine walking!

## Unique

This unique system is the only one of its kind in the market. The internal valve system is truly "smart" in its design for controlling your boats performance.

- Reduces the minimum planing speed by 33%
- Provides a more comfortable ride at lower speeds
- Improves economy, handling and safety

## Speed regulation

With an electric drill, two drill bits (1/8" and 3/16"), a Phillips screwdriver and two wrenches just about anyone can install SMART TABS in less than 30 minutes.

- All mounting hardware, instructions and templates are included.
- SMART TABS require NO THROUGH HULL DRILLING

# Anlegeruten als Set

## Anlegeruten

Die Anlegeruten sind ein sicherer und preiswerter Weg, Ihr Boot vor kostspieligen Stegschäden zu schützen. Das Anlegerutensystem hält das Boot in einem bequemen und sicheren Abstand zum Steg. Dabei schützt es das Boot vor Wellen-, Wind- und Gezeitenschäden.

Die Anlegeruten sind aus einem soliden, hoch qualitativen Fiberglas gefertigt. Die Füße bestehen aus einer Aluminium-Magnesiumlegierung. Das Set enthält weiterhin die benötigten Anlegeleinen. Die Anlegeruten werden als Paar verkauft. Sie können sehr einfach zum Verstauen entfernt werden.

## Mooring whips

Mooring whips are an economical and safe way to protect your boat against costly dockside and seawall damage. The Mooring whips system pulls your boat a safe, convenient distance away from the dock, thereby protecting it from the damaging forces of waves, wind, tides and wakes.

Mooring whips are made of high quality solid fiberglass poles, aluminium-magnesium base units, roller tips and Mooring whip lines. Each set will be delivered with all of the hardware necessary for installation. Mooring whips and Premium Mooring whips are sold in pairs. The PWC Mooring whip is a one-pole system with a flish mount base and is commonly used on swim platforms. Whips can be easily removed for storage.


**8997**
**Anlegeruten, Fiberglas**  
 Mooring whips, fiberglass

| Bestell-Nr.<br>Order no. | Länge/m<br>Length/m | Ø<br>Ø   | Bootslänge max.<br>Boat length max. | Gewicht<br>Weight | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|----------|-------------------------------------|-------------------|-----|----------------------|
| 8997300_20               | 2,44                | 26-27 mm | -20'                                | - 1130 kg         | 2   | 510,00               |
| 8997318_23               | 3,65                | 26-27 mm | 18' - 23'                           | 1130 kg - 2270 kg | 2   | 645,00               |
| 8997324_28               | 4,27                | 26-27 mm | 24' - 28'                           | 2270 kg - 4540 kg | 2   | 695,00               |
| 8997329_33               | 4,88                | 26-27 mm | 29' - 33'                           | 4540 kg - 9070 kg | 2   | 740,00               |

# Tender- und Jetskihalter variabel, Alu

## Jetskihalter variabel

Der neue Marinetech Tender- und Jetskihalter aus eloxiertem Aluminium (seewasserbeständig).

Durch diverse Verstellmöglichkeiten lässt sich der Halter optimal auf die verschiedenen Boots- und Jetskitypen einstellen.

Anstellwinkel der Auflageblöcke: 10° - 54°

Obere Öffnungsweite bei 10° 775mm - 975mm

Obere Öffnungsweite bei 54° 445mm - 645mm

Inklusive Schäkel zur Befestigung von Spanngurten.  
Nutzlast pro Halter ca. 300 kg.  
Schrauben zur Montage auf Plattform nicht im Set enthalten.



## Jetski holder, variable

The new Marinetech tender- and Jetski holder made of anodized aluminium (seawater resistant)

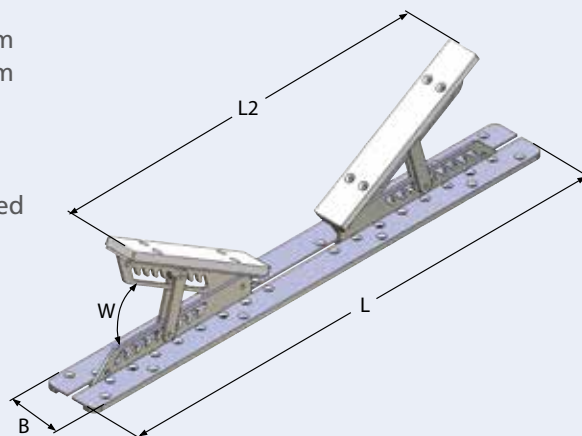
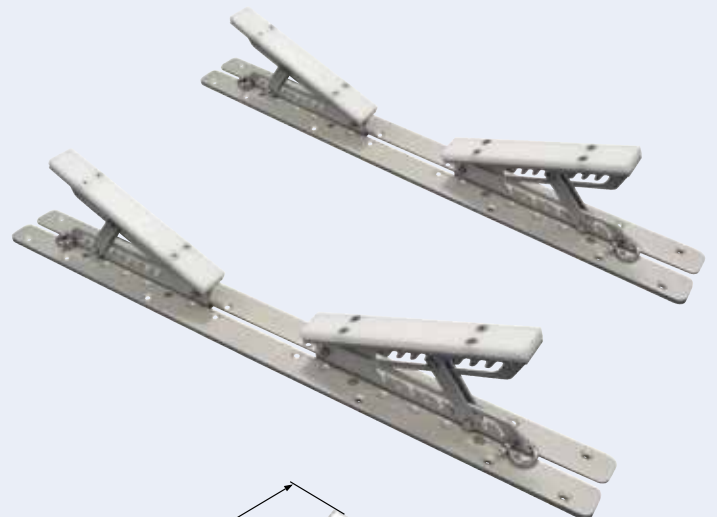
The adjustable ensures an optimum holder fit with several boat and jet ski types.

Setting angle of the onlay plate 10° - 54°

Upper opening width at 10° 775mm - 975mm

Upper opening width at 54° 445mm - 645mm

Shackles for fastening belts included.  
Working load of each holder ca. 300 kg.  
Screws for mounting on platform not included in set.



Tender- und Jetskihalter, variabel / Alu  
Tender and Jetski holder, variable

814335

| Bestell-Nr.<br>Order no. | L   | B   | L2        | W         | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----------|-----------|-----|----------------------|
| 8143350995               | 995 | 110 | 445 - 975 | 10° - 54° | 2   | 895,00               |

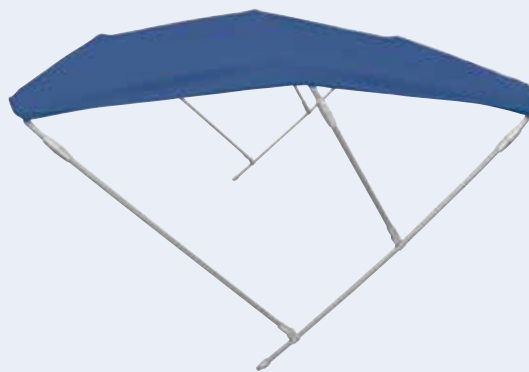
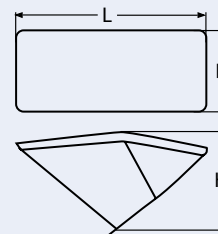
# Bimini / Awning

## 814309

### Bimini, dreiarmig / Alu

Awning, 3 arms / Bimini avec 3 arceaux en Alu

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | B           | L    | H    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-------------|------|------|-----|----------------------|
| 8143090125_135W          | weiß/white      | 1250 - 1350 | 1800 | 1100 | 1   | 200,00               |
| 8143090125_135B          | blau/blue       | 1250 - 1350 | 1800 | 1100 | 1   | 200,00               |
| 8143090145_155W          | weiß/white      | 1450 - 1550 | 1800 | 1100 | 1   | 205,00               |
| 8143090145_155B          | blau/blue       | 1450 - 1550 | 1800 | 1100 | 1   | 205,00               |
| 8143090160_180W          | weiß/white      | 1600 - 1800 | 1800 | 1100 | 1   | 210,00               |
| 8143090160_180B          | blau/blue       | 1600 - 1800 | 1800 | 1100 | 1   | 210,00               |
| 8143090185_215W          | weiß/white      | 1850 - 2150 | 1800 | 1100 | 1   | 220,00               |
| 8143090185_215B          | blau/blue       | 1850 - 2150 | 1800 | 1100 | 1   | 220,00               |
| 8143090215_235W          | weiß/white      | 2150 - 2350 | 1800 | 1100 | 1   | 235,00               |
| 8143090215_235B          | blau/blue       | 2150 - 2350 | 1800 | 1100 | 1   | 235,00               |

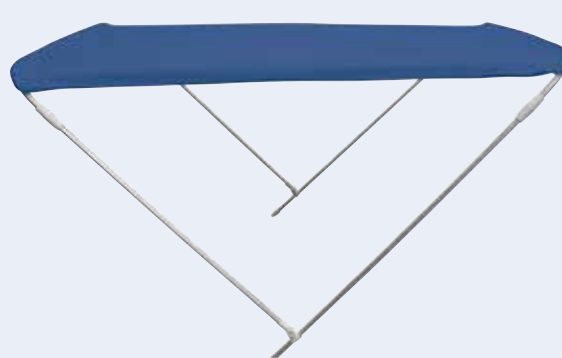
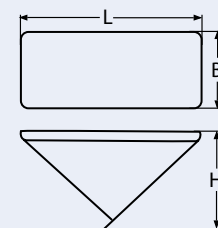


## 814310

### Bimini, zweiarmig / Alu

Awning, 2 arms / Bimini avec 2 arceaux en Alu

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | B           | L    | H    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-------------|------|------|-----|----------------------|
| 8143100120_140W          | weiß/white      | 1200 - 1400 | 1800 | 1100 | 1   | 140,00               |
| 8143100120_140B          | blau/blue       | 1200 - 1400 | 1800 | 1100 | 1   | 140,00               |
| 8143100140_165W          | weiß/white      | 1400 - 1650 | 1800 | 1100 | 1   | 155,00               |
| 8143100140_165B          | blau/blue       | 1400 - 1650 | 1800 | 1100 | 1   | 155,00               |
| 8143100165_185W          | weiß/white      | 1650 - 1850 | 1800 | 1100 | 1   | 170,00               |
| 8143100165_185B          | blau/blue       | 1650 - 1850 | 1800 | 1100 | 1   | 170,00               |





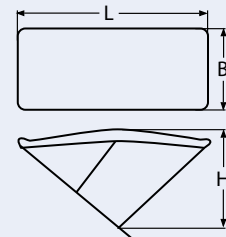
# Bimini / Awning

**814311**

## Bimini, dreiarmig / Alu

Awning, 3 arms / Bimini avec 3 arceaux en Alu

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | B    | L    | H    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|------|------|------|-----|----------------------|
| 8143110150W              | weiß/white      | 1500 | 1800 | 1400 | 1   | 195,00               |
| 8143110150B              | blau/blue       | 1500 | 1800 | 1400 | 1   | 195,00               |
| 8143110170W              | weiß/white      | 1700 | 1800 | 1400 | 1   | 210,00               |
| 8143110170B              | blau/blue       | 1700 | 1800 | 1400 | 1   | 210,00               |
| 8143110185W              | weiß/white      | 1850 | 1800 | 1400 | 1   | 220,00               |
| 8143110185B              | blau/blue       | 1850 | 1800 | 1400 | 1   | 220,00               |
| 8143110200W              | weiß/white      | 2000 | 1800 | 1400 | 1   | 220,00               |
| 8143110200B              | blau/blue       | 2000 | 1800 | 1400 | 1   | 220,00               |
| 8143110225W              | weiß/white      | 2250 | 1800 | 1400 | 1   | 250,00               |
| 8143110225B              | blau/blue       | 2250 | 1800 | 1400 | 1   | 250,00               |



Material: Terylene, Farbe: weiß, blau, 100% wasserabweisend, UV-Beständig  
Material: Terylene, colour: white, blue, 100% waterproof, UV resistant



**814644**

## Sonnensegel

Sun awning / Bimini

| Bestell-Nr.<br>Order no. | L    | B    | Box | *€/Stück<br>*€/piece |
|--------------------------|------|------|-----|----------------------|
| 81464433100              | 3100 | 2400 | 1   | 180,00               |

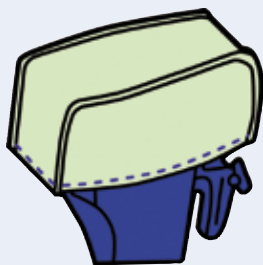
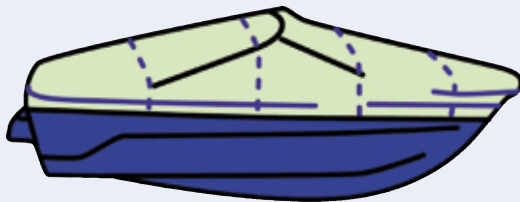
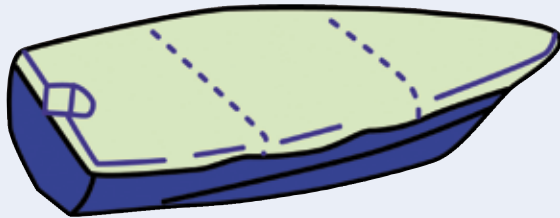
Farbe: Weiß, 100% wasserabweisend, UV-Beständig  
Colour: White, 100% waterproof, UV resistant  
Mit Kunststoffösen / with plastic eyelet  
Material: Terylene





# Persenning

## Boat cover



<sup>1</sup> Farbe: Weiß, 100% wasserabweisend, UV-Beständig  
<sup>1</sup> Colour: White, 100% waterproof, UV resistant  
 Material: Terylene

### 814266

**Persenning für offene Boote<sup>1</sup>**  
 Boat cover for open boats<sup>1</sup> / \*\*

| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 8142663385               | 3850 x 1600   | 1   | 160,00               |
| 8142663420               | 4200 x 1600   | 1   | 170,00               |
| 8142663430               | 4300 x 1600   | 1   | 190,00               |
| 8142663450               | 4500 x 1700   | 1   | 225,00               |
| 8142663470               | 4700 x 1800   | 1   | 235,00               |
| 8142663500               | 5000 x 1900   | 1   | 245,00               |

\*\*Bache pour bateaux ouverts

### 814267

**Persenning für Kabinenboote<sup>1</sup>**  
 Boat cover for cabin boats<sup>1</sup> / \*\*

| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 8142673545               | 5450 x 3100   | 1   | 250,00               |
| 8142673650               | 6500 x 3900   | 1   | 285,00               |

\*\*Bache pour bateaux avec Cabine

### 814268

**Persenning für Day Cruiser<sup>1</sup>**  
 Boat cover for day cruiser<sup>1</sup> / \*\*

| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 8142683475               | 4750 x 2400   | 1   | 215,00               |
| 8142683525               | 5250 x 2600   | 1   | 270,00               |
| 8142683570               | 5700 x 2800   | 1   | 280,00               |
| 8142683610               | 6100 x 2800   | 1   | 320,00               |
| 8142683650               | 6500 x 3000   | 1   | 360,00               |
| 8142683700               | 7000 x 3150   | 1   | 380,00               |

\*\*Bache pour bateaux équipés d'un pare-brise

### 814269

**Persenning für Außenborder<sup>1</sup>**  
 Boat cover for outboard motor<sup>1</sup> / \*\*

| Bestell-Nr.<br>Order no. | PS<br>HP | Box | *€/Stück<br>*€/piece |
|--------------------------|----------|-----|----------------------|
| 814269303_05             | 3 - 5    | 1   | 19,00                |
| 814269306_08             | 6 - 8    | 1   | 20,00                |
| 814269309_15             | 9 - 15   | 1   | 21,00                |
| 814269315_20             | 15 - 20  | 1   | 22,00                |
| 814269320_30             | 20 - 30  | 1   | 23,00                |
| 814269335_60             | 35 - 60  | 1   | 24,00                |
| 814269365_90             | 65 - 90  | 1   | 25,00                |

\*\*Bache pour moteur hors-bord

### 814265

**Aufsteller für Abdeckplane / Alu**  
 Pole for boat cover / Barre extensible en Alu

| Bestell-Nr.<br>Order no. | Auszugslänge<br>Extension length | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------------|-----|----------------------|
| 8142650600_1000          | 600 - 1000                       | 1   | 15,30                |
| 8142650900_1500          | 900 - 1500                       | 1   | 19,60                |

**Ruderdolle / A4-AISI 316**  
Oarlock / Dame de nage

**814712**

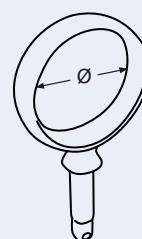
| Bestell-Nr.<br>Order no. | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------|
| 814712450                | 50 | 2   | 20,00                |



**Ruderdolle rund / A4-AISI 316**  
Oarlock round / Dame de nage

**814723**

| Bestell-Nr.<br>Order no. | Innen-Ø<br>Inside-Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|-----|----------------------|
| 814723449                | 49                  | 2   | 27,00                |
| 814723457                | 57                  | 2   | 28,00                |



**Ruderdollensockel / A4-AISI 316**  
Oarlock socket / Support de dame de nage (pour Art.Nr.814712 + 814723)

**814713**

| Bestell-Nr.<br>Order no. | Für Artikel<br>For article | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------|-----|----------------------|
| 8147134                  | 814712 + 814723            | 2   | 15,00                |



**Ruderdollensockel / A4-AISI 316**  
Oarlock socket / Support de dame de nage (pour Art.Nr.814712 + 814723)

**814714**

| Bestell-Nr.<br>Order no. | Für Artikel<br>For article | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------|-----|----------------------|
| 8147144                  | 814712 + 814723            | 2   | 16,40                |



**Ruderdollensockel / A4-AISI 316**  
Oarlock socket / Support de dame de nage (pour Art.Nr.814712 + 814723)

**814715**

| Bestell-Nr.<br>Order no. | Für Artikel<br>For article | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------|-----|----------------------|
| 8147154                  | 814712 + 814723            | 2   | 17,60                |





## Kapitel 9

### Chapter 9

## Werkzeug, Reparatur und Pflege

### Tools, repair and maintenance





**Schlauchschellen Sortimentsbox / A4-AISI 316**

Hose clamps assortment box / Boîte d'assortiment de collier de serrage pour tuyau

**814209**

| Bestell-Nr.<br>Order no. | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------|
| 8142094912               | 1   | 540,00               |

| Inhalt:    |        |       |       |       |       |       |       |       |
|------------|--------|-------|-------|-------|-------|-------|-------|-------|
| Bandbreite | 9 mm   |       |       |       | 12 mm |       |       |       |
| Abmessung  | 8 - 16 | 12-22 | 16-27 | 20-32 | 25-40 | 32-50 | 40-60 | 50-70 |
| Menge      | 75     | 60    | 20    | 15    | 10    | 10    | 8     | 6     |

Beinhaltet biegsamen 1 x 7 mm sechskant Schraubendreher



| Content: |        |       |       |       |       |       |       |       |
|----------|--------|-------|-------|-------|-------|-------|-------|-------|
| Width    | 9 mm   |       |       |       | 12 mm |       |       |       |
| Size     | 8 - 16 | 12-22 | 16-27 | 20-32 | 25-40 | 32-50 | 40-60 | 50-70 |
| Quantity | 75     | 60    | 20    | 15    | 10    | 10    | 8     | 6     |

Includes flexible 1 x 7 hexagon screwdriver

**Bit-Sortiment 122-teilig**

Bit assortment 122 pcs. / Bit assortiment de 122 pcs

**814733**

| Bestell-Nr.<br>Order no. | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------|
| 81473310122              | 1   | 38,00                |



**Edelstahl Bit-Sortiment 18-teilig**

Stainless steel bit assortment 18 pcs. / Bit assortiment de 18 pcs en inox

**814734**

| Bestell-Nr.<br>Order no. | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------|
| 814734218                | 1   | 44,00                |

- Ideal zum verschrauben von Edelstahlschrauben zur Vermeidung von Fremdrost.
- Ideal for screwing in stainless steel screws to prevent external rust.



## 3016

## Halteschelle DIN 3016 mit Gummieinlage / A2-AISI 304

Fastening clamps DIN 3016 with rubber inlay / Colliers de fixation caoutchoutés



| Bestell-Nr.<br>Order no. | Ø  | Bandbreite<br>Band width | Box | *€/Stück<br>*€/piece |
|--------------------------|----|--------------------------|-----|----------------------|
| 301620812                | 8  | 12                       | 100 | 0,60                 |
| 301621012                | 10 | 12                       | 100 | 0,60                 |
| 301621212                | 12 | 12                       | 100 | 0,80                 |
| 301621512                | 15 | 12                       | 100 | 0,80                 |
| 301621812                | 18 | 12                       | 100 | 0,80                 |
| 301622015                | 20 | 15                       | 50  | 0,90                 |
| 301622215                | 22 | 15                       | 50  | 1,10                 |
| 301622515                | 25 | 15                       | 50  | 1,10                 |
| 301622815                | 28 | 15                       | 50  | 1,10                 |
| 301623015                | 30 | 15                       | 50  | 1,10                 |
| 301623220                | 32 | 20                       | 25  | 2,40                 |
| 301623520                | 35 | 20                       | 25  | 2,40                 |
| 301623820                | 38 | 20                       | 25  | 2,40                 |
| 301624020                | 40 | 20                       | 25  | 2,40                 |
| 301624820                | 48 | 20                       | 10  | 2,80                 |
| 301625020                | 50 | 20                       | 10  | 2,80                 |

## 814455

## Edelstahl Schlauch- und Kabelschelle / A4-AISI 316

Stainless steel hose and cable clamp / Collier de serrage en inox



| Bestell-Nr.<br>Order no. | B   | L   | BL/Kg | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-------|-----|----------------------|
| 814455446_201            | 4,6 | 201 | 46    | 20  | 1,50                 |
| 814455446_360            | 4,6 | 360 | 46    | 20  | 1,70                 |
| 814455446_520            | 4,6 | 520 | 46    | 20  | 2,10                 |
| 814455479_259            | 7,9 | 259 | 113   | 20  | 2,10                 |
| 814455479_520            | 7,9 | 520 | 113   | 20  | 3,10                 |
| 814455479_838            | 7,9 | 838 | 113   | 20  | 4,20                 |

## 814456

## Schellenzange für Kabelschelle

Hose tie for cable clamp / Prise à serrer pour collier de serrage en inox



| Bestell-Nr.<br>Order no. | Für Art. 814455<br>For art 814455 | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------------|-----|----------------------|
| 81445610                 |                                   | 1   | 299,00               |



**Automatische Abisolierzange für 0,2 - 6,0mm<sup>2</sup> Kabel**  
Automatic wire stripper for 0,2 – 6,0mm<sup>2</sup> wire / Cisaille pour Câble

**814643**

| Bestell-Nr.<br>Order no. | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------|
| 8146433                  | 1   | 26,00                |

**Beschreibung**

- ergonomische, automatische Abisolierzange, für Leiter von 0,2 bis 6,0 mm<sup>2</sup>,
- automatisches Abtastsystem, keine Einstellung auf den Kabelquerschnitt notwendig,
- optimal positionierter Seitenschneider bis 2,5 mm<sup>2</sup>,
- verstellbarer Längenanschlag 5 bis 15 mm,
- mit Befestigungsvorrichtung am Griffende,
- TÜV / GS-geprüft

**Description**

- ergonomic, automatic wire stripper for wires from 0.2 - 6.0 mm<sup>2</sup> (AWG 24 - 10),
- for speedy and precise stripping of wires even where acces is difficult,
- wire cutter for diameters of up to 2.5 mm<sup>2</sup>,
- length stopper adjustable from 6 to 15 mm,
- plier-handle design with lockable design,
- TÜV / GS approved



**Sortimentskasten, 7 Fächer**

Assortment Box, 7 compartements / Valise avec 7 compartiments

**8993**

| Bestell-Nr.<br>Order no. | Länge<br>Length | Breite<br>Width | Höhe<br>Height | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----------------|----------------|-----|----------------------|
| 89933180_140             | 180             | 140             | 40             | 10  | 6,60                 |



**Sortimentskasten, 9 Fächer**

Assortment Box , 9 compartements / Valise avec 9 compartiments

**8994**

| Bestell-Nr.<br>Order no. | Länge<br>Length | Breite<br>Width | Höhe<br>Height | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----------------|----------------|-----|----------------------|
| 89943290_185             | 290             | 185             | 46             | 10  | 16,00                |



814831

## Mini Polier- und Schleifmaschine, akkubetrieben

Mini polisher and grinder, battery powered / Polisseuse lustreuse, sans fil

NEW

| Bestell-Nr.<br>Order no. | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8148313260               | 260 | 1   | 120,00               |

**Technische Spezifikationen:**

Akku: 12 V x 1300 mAh litium-Ionen

Leerlaufdrehzahl : 0-3000

Klettscheibendurchmesser : 80 mm

Gewicht: 0,8 KG

**Lieferumfang:**

2 x Akku (12 V, 1300 mAh)

1 x Ladegerät

1 x Koffer

1 x Polierpad aus Frottee

1 x Polierpad aus Lammfell

1 x Schwammpad

1 x Polierpad

1 x Schleifscheibe 120

**Technical specifications :**

Battery: 12 V x 1300 mAh lithium ion

No load speed : 0-3000

Disc size: 80MM

Weight: 0,8 KG

**Carton content:**

2 x Battery

1 x Charger

1 x Case

1 x Towel bonnet

1 x Woolen bonnet

1 x Sponge bonnet

1 x Polishing pad

1 x Sand paper 120

814832

## Klettscheiben für Mini Polier- und Schleifmaschine

Discs for Mini polisher and grinder / Disque de polissage

NEW



| Bestell-Nr.<br>Order no. | Ausführung<br>Typ  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------|-----|----------------------|
| 814832-01                | Frottee / Towel    | 5   | 2,90                 |
| 814832-02                | Lammfell / Wool    | 5   | 3,40                 |
| 814832-03                | Schwamm / Sponge   | 5   | 3,80                 |
| 814832-04                | Polier / Polishing | 5   | 3,80                 |
| 814832-05                | Sand - 120         | 5   | 5,80                 |
| 814832-06                | Sand - 180         | 5   | 5,80                 |

**Skipper-Einhand-Klappmesser / A2 / Alu**  
Skipper one-hand knife, one hand / Couteau manche en alu

**8637**

| Bestell-Nr.<br>Order no. | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 86372110                 | 170 | 5   | 14,90                |

Klinge Edelstahl, Griff Alu  
Blade stainless steel, handle alu



**Klappmesser / A2 / Alu**  
Jackknife / Couteau

**814153**

| Bestell-Nr.<br>Order no. | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8141530                  | 185 | 30 | 5   | 9,50                 |

Klinge Edelstahl, Griff Alu  
Blade stainless steel, handle alu



**Klappmesser / A2 / Plastik**  
Jackknife / Couteau plastique

**814154**

| Bestell-Nr.<br>Order no. | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8141543                  | 175 | 25 | 5   | 3,00                 |

Klinge Edelstahl, Griff Plastik  
Blade stainless steel, handle plastic



**Fischmesser mit Köcher / A2-AISI 304**  
Fishknife with quiver / Couteau avec etuis

**814226**

| Bestell-Nr.<br>Order no. | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8142262210               | 210 | 5   | 11,60                |

Klinge Edelstahl, Griff Plastik  
Blade stainless steel, handle plastic



**814803****Klappmesser / A2 -AISI 304**

Jackknife / Couteau marin manche Alu

**NEW**

| Bestell-Nr.<br>Order no. | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8148032130               | 130 | 30 | 5   | 12,60                |

Klinge Edelstahl, Griff Alu  
Blade stainless steel, handle alu

**814804****Klappmesser / A2-AISI 304**

Jackknife / Couteau marin manche Bois

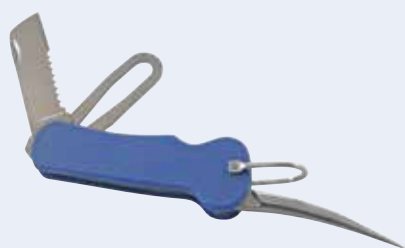
**NEW**

| Bestell-Nr.<br>Order no. | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8148042155               | 155 | 15 | 5   | 12,50                |

Klinge Edelstahl, Griff Holz  
Blade stainless steel, handle wood

**814805****Takelmesser / A2-AISI 304**

Rigging knife / Couteau marin manche plastique avec démanilleur et éppisoir

**NEW**

| Bestell-Nr.<br>Order no. | L  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 814805290                | 90 | 20 | 5   | 11,30                |

Klinge Edelstahl, Griff Plastik  
Blade stainless steel, handle plastic

**8277****Takelmesser / A2-AISI 304**

Rigging knife / Couteau



| Bestell-Nr.<br>Order no. | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------|
| 82772105                 | 95 | 5   | 17,00                |

**NEW**

**Tauchermesser mit Beinholster / A2-AISI 304**  
Diving knife with leg sheath / Couteau marin manche plastique

**814806**

| Bestell-Nr.<br>Order no. | L   | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|-----|----------------------|
| 8148062270               | 270 | 25 | 5   | 22,50                |

Klinge Edelstahl, Griff Plastik  
Blade stainless steel, handle plastic



**Filetierrechner mit Köcher / A2-AISI 304**  
Filleting knife with quiver / Couteau avec etuis

**814227**

| Bestell-Nr.<br>Order no. | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8142272280               | 280 | 5   | 15,50                |

Klinge Edelstahl, Griff Plastik  
Blade stainless steel, handle plastic



**2-Schritt-Messerschärfer**  
2 step sharpener / Marchepied

**814250**

| Bestell-Nr.<br>Order no. | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------|
| 8142503                  | 1   | 16,50                |

Mehrfacher Testsieger / Multiple test winner



**Original „Marineman Classic“ / A2-AISI 304**  
Multitool / Couteau avec pochette

**8415**

| Bestell-Nr.<br>Order no. | Ausstattung<br>Configuration         | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------------------------|-----|----------------------|
| 84152TASCHE              | Mit Tasche / With case               | 10  | 14,00                |
| 84152BITS                | Mit Tasche + Bits / With case + bits | 10  | 24,00                |



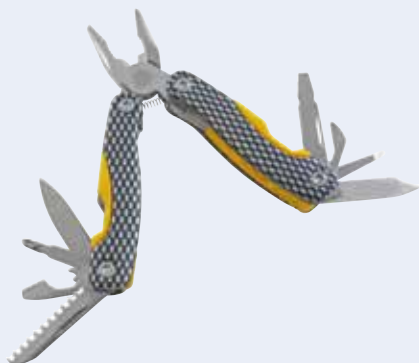


814815

Original "Marineman Mini" / A2-AISI 304

Multitool mini / Couteau Mult-fonction

NEW



| Bestell-Nr.<br>Order no. | L  | Ausstattung<br>Configuration | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------------------------------|-----|----------------------|
| 8148152065               | 65 | Mit Tasche<br>With case      | 5   | 12,00                |

814816

Original "Marineman Multi Repair" / A2-AISI 304

Multitool / Couteau Mult-fonction „Marineman“

NEW



| Bestell-Nr.<br>Order no. | L  | Ausstattung<br>Configuration          | Box | *€/Stück<br>*€/piece |
|--------------------------|----|---------------------------------------|-----|----------------------|
| 8148162095               | 95 | Mit Tasche + Bits<br>With case + bits | 5   | 20,00                |

Rollgabelschlüssel für max. M8 Muttern.  
Adjustable wrench for max. M8 nuts.

# Kapitel 10

## Chapter 10

### Fittinge

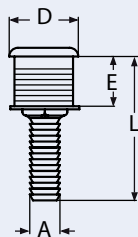
### Fittings





**8748****Borddurchlass mit Schlauchanschluss / A4-AISI 316**

Thru-hull with hose connection / Passe-coque

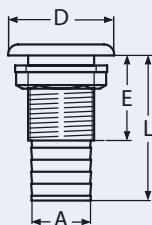


| Bestell-Nr.<br>Order no. | Größe<br>Size | A  | L   | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|----|-----|----|----|-----|----------------------|
| 8748458                  | 5/8"          | 16 | 81  | 48 | 28 | 1   | 10,50                |
| 8748434                  | 3/4"          | 19 | 86  | 48 | 86 | 1   | 12,70                |
| 874841                   | 1"            | 26 | 103 | 48 | 28 | 1   | 13,00                |
| 874841_14                | 1 1/4"        | 32 | 133 | 60 | 33 | 1   | 15,10                |
| 874841_12                | 1 1/2"        | 38 | 144 | 60 | 44 | 1   | 21,30                |

Mit Edelstahl Oberteil – Borddurchlass Stalon  
 Thru-hull with stainless steel-upper part

**814757****Borddurchlass mit Schlauchanschluss / Plastik**

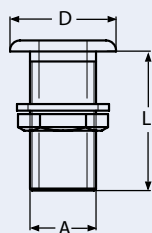
Thru-hull with hose connection / Passe-coque en plastique

**NEW**

| Bestell-Nr.<br>Order no. | Größe<br>Size | A  | L  | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|----|----|----|----|-----|----------------------|
| 874757358                | 5/8"          | 15 | 71 | 42 | 36 | 5   | 1,70                 |
| 874757334                | 3/4"          | 18 | 76 | 51 | 42 | 5   | 2,10                 |
| 87475731                 | 1"            | 25 | 87 | 62 | 50 | 5   | 2,20                 |
| 87475731_14              | 1 1/4"        | 31 | 91 | 69 | 50 | 5   | 2,90                 |
| 87475731_12              | 1 1/2"        | 37 | 96 | 74 | 48 | 5   | 3,70                 |

**8605****Borddurchlass mit Außengewinde / A4-AISI 316**

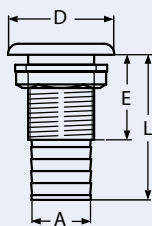
Thru-hull with external thread / Passe-coque



| Bestell-Nr.<br>Order no. | Größe (A)<br>Size (A) | L  | D  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------|----|----|-----|----------------------|
| 8605438                  | 3/8"                  | 54 | 35 | 1   | 20,50                |
| 8605412                  | 1/2"                  | 59 | 40 | 1   | 21,00                |
| 8605434                  | 3/4"                  | 65 | 47 | 1   | 21,30                |
| 860541                   | 1"                    | 73 | 55 | 1   | 33,00                |
| 860541_14                | 1 1/4"                | 77 | 64 | 1   | 39,90                |
| 860541_12                | 1 1/2"                | 83 | 75 | 1   | 52,00                |

**8620****Borddurchlass mit Schlauchanschluss / A4-AISI 316**

Thru-hull with hose connection / Passe-coque

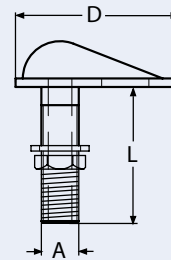


| Bestell-Nr.<br>Order no. | Größe<br>Size | A  | L  | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|----|----|----|----|-----|----------------------|
| 8620438                  | 3/8"          | 10 | 52 | 35 | 26 | 1   | 13,70                |
| 8620412                  | 1/2"          | 12 | 52 | 35 | 26 | 1   | 14,00                |
| 8620434                  | 3/4"          | 19 | 59 | 39 | 26 | 1   | 18,50                |
| 862041                   | 1"            | 26 | 68 | 49 | 40 | 1   | 24,00                |
| 862041_14                | 1 1/4"        | 32 | 72 | 55 | 41 | 1   | 28,50                |
| 862041_12                | 1 1/2"        | 38 | 77 | 64 | 43 | 1   | 37,40                |

**Wassereinlass mit Außengewinde / A4-AISI 316**  
Water intake with external thread / Crépine passe-coque

**8639**

| Bestell-Nr.<br>Order no. | Größe (A)<br>Size (A) | D   | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------|-----|----|-----|----------------------|
| 8639438                  | 3/8"                  | 78  | 67 | 1   | 14,50                |
| 8639412                  | 1/2"                  | 90  | 72 | 1   | 26,80                |
| 8639434                  | 3/4"                  | 103 | 80 | 1   | 32,70                |
| 863941                   | 1"                    | 107 | 75 | 1   | 42,50                |
| 863941_14                | 1 1/4"                | 116 | 77 | 1   | 46,70                |
| 863941_12                | 1 1/2"                | 133 | 81 | 1   | 58,70                |

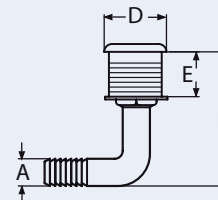


**Borddurchlass, 90° mit Schlauchanschluss / A4-AISI 316**  
Thru-hull, 90° with hose connection / Pass-coque à 90°

**8749**

| Bestell-Nr.<br>Order no. | Größe<br>Size | A  | L   | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|----|-----|----|----|-----|----------------------|
| 8749434                  | 3/4"          | 19 | 81  | 48 | 28 | 1   | 14,50                |
| 874941_12                | 1 1/2"        | 38 | 119 | 60 | 33 | 1   | 16,90                |

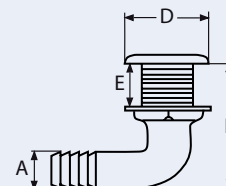
Mit Edelstahl Oberteil – Borddurchlass Stalon  
With stainless steel upper part - Stalon thru-hull



**Borddurchlass, 90° mit Schlauchanschluss / A4-AISI 316**  
Thru-hull, 90° with hose connection / Pass-coque à 90°

**8893**

| Bestell-Nr.<br>Order no. | Größe<br>Size | A  | L  | D  | E  | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|----|----|----|----|-----|----------------------|
| 8893434                  | 3/4"          | 19 | 65 | 41 | 19 | 1   | 29,30                |
| 889341                   | 1"            | 25 | 69 | 41 | 19 | 1   | 33,70                |
| 889341_12                | 1 1/2"        | 38 | 89 | 60 | 19 | 1   | 53,00                |



**Kugelventil / A4-AISI 316**  
Ball valve / Vanne 1/4 de tour

**8621**

| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 8621438                  | 3/8"          | 1   | 20,00                |
| 8621412                  | 1/2"          | 1   | 24,00                |
| 8621434                  | 3/4"          | 1   | 30,50                |
| 862141                   | 1"            | 1   | 48,50                |
| 862141_14                | 1 1/4"        | 1   | 67,00                |
| 862141_12                | 1 1/2"        | 1   | 93,50                |



**8745****3-Wege Kugelventil / A4-AISI 316**

Three-way ball valve / Vanne 1/4 de tour 3 voies



| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 874541_12                | 1 1/2"        | 1   | 124,00               |

**8638****T-Stück mit Innengewinde / A4-AISI 316**

Tee with internal thread / Tê femelle -femelle en laiton



| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 8638438                  | 3/8"          | 1   | 5,70                 |
| 8638412                  | 1/2"          | 1   | 7,00                 |
| 8638434                  | 3/4"          | 1   | 8,00                 |
| 863841                   | 1"            | 1   | 10,50                |
| 863841_14                | 1 1/4"        | 1   | 24,10                |
| 863841_12                | 1 1/2"        | 1   | 27,40                |

**8606****Anschlußstück mit Innengewinde / A4-AISI 316**

Connector with internal thread / Raccord



| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 8606438                  | 3/8"          | 1   | 2,90                 |
| 8606412                  | 1/2"          | 1   | 3,40                 |
| 8606434                  | 3/4"          | 1   | 5,30                 |
| 860641                   | 1"            | 1   | 6,90                 |
| 860641_14                | 1 1/4"        | 1   | 14,20                |
| 860641_12                | 1 1/2"        | 1   | 15,00                |

**8623****Rohrbogen, 45° mit Innengewinde / A4-AISI 316**

Elbow, 45° with internal thread / Coude femelle 45° - femelle en laiton



| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 8623438                  | 3/8"          | 1   | 3,20                 |
| 8623412                  | 1/2"          | 1   | 3,70                 |
| 8623434                  | 3/4"          | 1   | 6,00                 |
| 862341                   | 1"            | 1   | 7,00                 |
| 862341_14                | 1 1/4"        | 1   | 11,40                |
| 862341_12                | 1 1/2"        | 1   | 12,50                |



**Rohrbogen, 90°, mit Innen- und Außengewinde / A4-AISI 316**  
Elbow, 90°, with internal and external thread / Coude mâle-femelle 90°

8625

| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 8625438                  | 3/8"          | 1   | 3,00                 |
| 8625412                  | 1/2"          | 1   | 4,30                 |
| 8625434                  | 3/4"          | 1   | 7,60                 |
| 862541                   | 1"            | 1   | 9,00                 |
| 862541_14                | 1 1/4"        | 1   | 12,30                |
| 862541_12                | 1 1/2"        | 1   | 17,80                |



**Rohrbogen, 90°, mit Innengewinde / A4-AISI 316**  
Elbow, 90°, with internal thread / Coude femelle 90° femelle en laiton

8624

| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 8624438                  | 3/8"          | 1   | 2,70                 |
| 8624412                  | 1/2"          | 1   | 3,80                 |
| 8624434                  | 3/4"          | 1   | 5,50                 |
| 862441                   | 1"            | 1   | 7,00                 |
| 862441_14                | 1 1/4"        | 1   | 9,90                 |
| 862441_12                | 1 1/2"        | 1   | 14,20                |



**Schlauchanschluss mit Außengewinde / A4-AISI 316**  
Hose connection with external thread / Embout mâle

8622

| Bestell-Nr.<br>Order no. | Größe<br>Size | Schlauch-Ø innen<br>Hose-Ø inside | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----------------------------------|-----|----------------------|
| 8622438                  | 3/8"          | 10                                | 1   | 4,30                 |
| 8622412                  | 1/2"          | 12                                | 1   | 6,10                 |
| 8622434                  | 3/4"          | 19                                | 1   | 7,20                 |
| 862241                   | 1"            | 26                                | 1   | 10,50                |
| 862241_14                | 1 1/4"        | 32                                | 1   | 13,40                |
| 862241_12                | 1 1/2"        | 38                                | 1   | 20,50                |



**Schlauchanschluss mit Innengewinde / A4-AISI 316**  
Hose connection with internal thread / Embout femelle

8640

| Bestell-Nr.<br>Order no. | Größe<br>Size | Schlauch-Ø innen<br>Hose-Ø inside | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----------------------------------|-----|----------------------|
| 8640438                  | 3/8"          | 10                                | 1   | 4,20                 |
| 8640412                  | 1/2"          | 12                                | 1   | 5,00                 |
| 8640434                  | 3/4"          | 19                                | 1   | 13,50                |
| 864041                   | 1"            | 26                                | 1   | 18,50                |
| 864041_14                | 1 1/4"        | 32                                | 1   | 20,50                |
| 864041_12                | 1 1/2"        | 38                                | 1   | 22,50                |



**8627**
**Doppelgewindestück / A4-AISI 316**  
 Double thread / Mamelon


| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 8627438                  | 3/8"          | 1   | 2,00                 |
| 8627412                  | 1/2"          | 1   | 2,80                 |
| 8627434                  | 3/4"          | 1   | 5,80                 |
| 862741                   | 1"            | 1   | 6,10                 |
| 862741_14                | 1 1/4"        | 1   | 8,80                 |
| 862741_12                | 1 1/2"        | 1   | 10,50                |

**8626**
**Reduziergewindestück mit Innen- und Außengewinde / A4-AISI 316**  
 Reducer with internal and external thread / Réduction mâle-femelle


| Bestell-Nr.<br>Order no. | Außengewinde<br>External thread | Innengewinde<br>Internal thread | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------------|---------------------------------|-----|----------------------|
| 8626412                  | 1/2"                            | 3/8"                            | 1   | 4,30                 |
| 8626434                  | 3/4"                            | 1/2"                            | 1   | 5,10                 |
| 862641                   | 1"                              | 3/4"                            | 1   | 6,10                 |
| 862641_14                | 1 1/4"                          | 1"                              | 1   | 7,50                 |
| 862641_12                | 1 1/2"                          | 1 1/4"                          | 1   | 9,00                 |

**8659**
**Wasserhahn / A4-AISI 316**  
 Water faucet / Robinet de cockpit


| Bestell-Nr.<br>Order no. | Wandanschluss<br>Wall connection | Schlauchanschluss<br>Hose connection | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------------|--------------------------------------|-----|----------------------|
| 8659434_1                | 1/2"                             | 3/4"                                 | 1   | 88,00                |

**8761**
**Schweißbogen, 90° / A4-AISI 316**  
 Welding bend 90° / Coude à souder 90°


| Bestell-Nr.<br>Order no. | Größe<br>Size    | Materialstärke<br>Tension thickness | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-------------------------------------|-----|----------------------|
| 876141_12                | 1 1/2" (42,4 mm) | 2,0                                 | 1   | 32,70                |

**Reduziergewindestück mit Innen- und Außengewinde / Messing**  
Reducer with internal and external thread - brass / Réducteur mâle -femelle en laiton

814563

| Bestell-Nr.<br>Order no. | Innengewinde<br>Internal thread | Außengewinde<br>External thread | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------------|---------------------------------|-----|----------------------|
| 814563514_38             | 1/4"                            | 3/8"                            | 1   | 3,00                 |
| 814563538_12             | 3/8"                            | 1/2"                            | 1   | 5,00                 |
| 814563512_34             | 1/2"                            | 3/4"                            | 1   | 5,50                 |
| 814563534_1              | 3/4"                            | 1"                              | 1   | 6,80                 |
| 81456351_112             | 1"                              | 1 1/2"                          | 1   | 21,50                |
| 8145635114_112           | 1 1/4"                          | 1 1/2"                          | 1   | 25,20                |



**Doppelgewindestück mit Außengewinde / Messing**  
Double thread with external thread, brass / Mamelon en laiton

814564

| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 814564514                | 1/4"          | 1   | 3,30                 |
| 814564538                | 3/8"          | 1   | 3,60                 |
| 814564512                | 1/2"          | 1   | 4,00                 |
| 814564534                | 3/4"          | 1   | 5,00                 |
| 81456451                 | 1"            | 1   | 10,00                |
| 81456451_14              | 1 1/4"        | 1   | 11,90                |
| 81456451_12              | 1 1/2"        | 1   | 15,50                |



**Reduziergewindestück mit Außengewinde / Messing**  
Reducer with external thread, brass / Réducteur mâle -mâle en laiton

814565

| Bestell-Nr.<br>Order no. | Größe 1<br>Size 1 | Größe 2<br>Size 2 | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|-------------------|-----|----------------------|
| 814565514                | 1/4"              | 3/8"              | 1   | 3,50                 |
| 814565538                | 3/8"              | 1/2"              | 1   | 4,40                 |
| 814565512                | 1/2"              | 3/4"              | 1   | 5,50                 |
| 814565534                | 3/4"              | 1"                | 1   | 8,00                 |
| 81456551                 | 1"                | 1 1/4"            | 1   | 11,90                |
| 81456551_14              | 1 1/4"            | 1 1/2"            | 1   | 14,20                |



**Anschlussstück mit Innengewinde / Messing**  
Connector with internal thread, brass / Manchon femelle en laiton

814566

| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 814566538                | 3/8"          | 1   | 3,80                 |
| 814566512                | 1/2"          | 1   | 7,60                 |
| 814566534                | 3/4"          | 1   | 8,00                 |
| 81456651                 | 1"            | 1   | 10,00                |
| 81456651_14              | 1 1/4"        | 1   | 12,50                |
| 81456651_12              | 1 1/2"        | 1   | 15,70                |



**814567****Rohrbogen, 90° mit Innen- und Außengewinde / Messing**

Elbow, 90° with internal and external thread, brass / Coude 90° mâle- femelle en laiton



| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 814567514                | 1/4"          | 1   | 3,70                 |
| 814567538                | 3/8"          | 1   | 6,50                 |
| 814567512                | 1/2"          | 1   | 7,10                 |
| 814567534                | 3/4"          | 1   | 11,40                |
| 81456751                 | 1"            | 1   | 14,20                |
| 81456751_14              | 1 1/4"        | 1   | 31,80                |
| 81456751_12              | 1 1/2"        | 1   | 38,80                |

**814568****Rohrbogen, 90° mit Innengewinde / Messing**

Elbow, 90° with internal thread, brass / Coude 90° femelle - femelle en laiton



| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 814568514                | 1/4"          | 1   | 2,40                 |
| 814568538                | 3/8"          | 1   | 4,80                 |
| 814568512                | 1/2"          | 1   | 7,10                 |
| 814568534                | 3/4"          | 1   | 9,00                 |
| 81456851                 | 1"            | 1   | 30,00                |
| 81456851_14              | 1 1/4"        | 1   | 43,00                |
| 81456851_12              | 1 1/2"        | 1   | 73,00                |

**814569****T-Stück mit Innengewinde / Messing**

Tee with internal thread, brass / Té femelle - femelle en laiton



| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 814569514                | 1/4"          | 1   | 4,40                 |
| 814569538                | 3/8"          | 1   | 5,50                 |
| 814569512                | 1/2"          | 1   | 9,80                 |
| 814569534                | 3/4"          | 1   | 10,90                |
| 81456951                 | 1"            | 1   | 24,30                |
| 81456951_14              | 1 1/4"        | 1   | 25,00                |
| 81456951_12              | 1 1/2"        | 1   | 52,40                |

**814572****Schlauchanschluss mit Innengewinde / Messing**

Hose connection with internal thread, brass / Embout filetage - femelle en laiton



| Bestell-Nr.<br>Order no. | Größe<br>Size | Schlauch-Ø innen<br>Hose-Ø inside | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----------------------------------|-----|----------------------|
| 814572514_10             | 1/4"          | 10                                | 1   | 4,00                 |
| 814572514_13             | 1/4"          | 13                                | 1   | 5,20                 |
| 814572538_10             | 3/8"          | 10                                | 1   | 4,80                 |
| 814572538_13             | 3/8"          | 13                                | 1   | 4,90                 |
| 814572512_13             | 1/2"          | 13                                | 1   | 6,90                 |
| 814572512_19             | 1/2"          | 19                                | 1   | 7,10                 |
| 814572534_20             | 3/4"          | 20                                | 1   | 7,60                 |
| 81457251_25              | 1"            | 25                                | 1   | 8,10                 |
| 8145725114_32            | 1 1/4"        | 32                                | 1   | 13,50                |
| 8145725112_38            | 1 1/2"        | 38                                | 1   | 19,30                |
| 81457252_50              | 2"            | 50                                | 1   | 27,50                |

**Schlauchanschluss mit Außengewinde / Messing**  
Hose connection with external thread, brass / Embout filetage mâle en laiton

**814573**

| Bestell-Nr.<br>Order no. | Größe<br>Size | Schlauch-Ø innen<br>Hose-Ø inside | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----------------------------------|-----|----------------------|
| 814573514_06             | 1/4"          | 6                                 | 1   | 3,70                 |
| 814573514_08             | 1/4"          | 8                                 | 1   | 3,80                 |
| 814573514_10             | 1/4"          | 10                                | 1   | 3,90                 |
| 814573514_13             | 1/4"          | 13                                | 1   | 4,00                 |
| 814573538_06             | 3/8"          | 6                                 | 1   | 3,10                 |
| 814573538_08             | 3/8"          | 8                                 | 1   | 3,40                 |
| 814573538_10             | 3/8"          | 10                                | 1   | 4,10                 |
| 814573538_13             | 3/8"          | 13                                | 1   | 4,40                 |
| 814573512_10             | 1/2"          | 10                                | 1   | 5,10                 |
| 814573512_13             | 1/2"          | 13                                | 1   | 5,20                 |
| 814573512_16             | 1/2"          | 16                                | 1   | 5,30                 |
| 814573512_20             | 1/2"          | 20                                | 1   | 5,40                 |
| 814573534_19             | 3/4"          | 19                                | 1   | 6,90                 |
| 814573534_25             | 3/4"          | 25                                | 1   | 7,60                 |
| 814573510_25             | 1"            | 25                                | 1   | 7,80                 |
| 8145735114_32            | 1 1/4"        | 32                                | 1   | 10,00                |
| 8145735112_38            | 1 1/2"        | 38                                | 1   | 16,30                |
| 81457352_50              | 2"            | 50                                | 1   | 19,50                |



**Endkappe mit Außengewinde / Messing**  
End cap with external thread, brass / Bouchon mâle en laiton

**814574**

| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 814574514                | 1/4"          | 1   | 1,90                 |
| 814574538                | 3/8"          | 1   | 3,20                 |
| 814574512                | 1/2"          | 1   | 3,80                 |
| 814574534                | 3/4"          | 1   | 3,90                 |
| 81457451                 | 1"            | 1   | 5,50                 |
| 8145745114               | 1 1/4"        | 1   | 8,70                 |



**Borddurchlass mit Außengewinde / Messing**  
Thru-hull with external thread, brass / Passe coque fileté en laiton

**814576**

| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 814576538                | 3/8"          | 1   | 12,50                |
| 814576512                | 1/2"          | 1   | 15,20                |
| 814576534                | 3/4"          | 1   | 22,00                |
| 81457651                 | 1"            | 1   | 27,80                |
| 81457651_14              | 1 1/4"        | 1   | 37,20                |
| 81457651_12              | 1 1/2"        | 1   | 48,00                |
| 81457652                 | 2"            | 1   | 81,00                |



**Wassereinlass mit Außengewinde / Messing**  
Water intake with external thread, brass / Crépine passe coque en laiton

**814577**

| Bestell-Nr.<br>Order no. | Größe<br>Size | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------|-----|----------------------|
| 814577512                | 1/2"          | 1   | 35,40                |
| 814577534                | 3/4"          | 1   | 48,40                |
| 81457751                 | 1"            | 1   | 53,30                |
| 81457751_14              | 1 1/4"        | 1   | 65,70                |
| 81457751_12              | 1 1/2"        | 1   | 84,00                |
| 81457752                 | 2"            | 1   | 129,90               |





# Kapitel 11

## Chapter 11

### Beleuchtung und Elektrik

#### Cabin lighting and electrical equipment





**Die Lampe verwendet Glühbirnen**

The light uses light bulbs



**Die Lampe verwendet Leuchtstoffröhren**

The light uses fluorescent tube



**Die Lampe verwendet Halogenglühbirnen**

The light uses halogen bulbs



**Besonders leistungsstarke LED-Klasse, die mit satten Strömen von 350 - 1000 mA befeuert werden kann.**

Especially powerful LED class which can be operated with high currents of 350 - 1000 mA. This allows a very high light yield.



**Lampe wird inkl. Batterien geliefert**

Light delivered incl. batteries.



**Anzahl der LED's**

Number of LED's



**Als Lumen wird die Einheit des Lichtstromes bezeichnet. Dies ist die gesamte sichtbare Lichtmenge, die eine Lampe verlässt.**

The unit of luminous flux is called lumen.

This is the total amount of visible light that leaves a lamp.



**Lampe ist wasserdicht**

Light is waterproof



**Lampe ist spritzwassergeschützt**

Light is protected against splash water



**Leuchtdauer per Batterieladung**

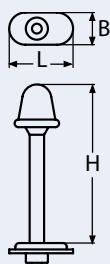
Working time with fresh batteries



8645

Toplicht / A2-AISI 304

Stern light / Feu sur hampe



| Bestell-Nr.<br>Order no. | H   | L  | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|-----|----------------------|
| 86452580                 | 580 | 95 | 45 | 12   | 1   | 77,00                |

Herausnehmbar / Detachable



8646

Toplicht / A2-AISI 304

Stern light / Feu sur hampe



| Bestell-Nr.<br>Order no. | H   | D  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|----------------------|
| 86462660                 | 660 | 55 | 12   | 1   | 88,00                |

Verstellbar / Adjustable



8644

Toplicht / A2-AISI 304

Stern light / Feu sur hampe



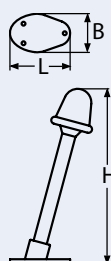
| Bestell-Nr.<br>Order no. | H   | L  | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|-----|----------------------|
| 86442630                 | 630 | 85 | 50 | 12   | 1   | 59,00                |



8643

Toplicht / A2-AISI 304

Stern light / Feu sur hampe



| Bestell-Nr.<br>Order no. | H   | L  | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|-----|----------------------|
| 86432250                 | 250 | 85 | 50 | 12   | 1   | 49,00                |



**Positionslampen für Boote bis 12m**

Navigation lights for boats up to 12m / Feux de navigation pour bateaux jusqu'à 12m.

**814103**

| Bestell-Nr.<br>Order no. | Position<br>Position | Farbe<br>Colour | Grad°<br>Degrees° | Volt | Watt | Sichtbarkeit<br>Visibility | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------|-----------------|-------------------|------|------|----------------------------|-----|----------------------|
| 8141033SG                | Seite/Side           | Grün/Green      | 112,5             | 12   | 10   | 1nm                        | 1   | 21,00                |
| 8141033SR                | Seite/Side           | Rot/Red         | 112,5             | 12   | 10   | 1nm                        | 1   | 21,00                |
| 8141033TW                | Top                  | Weiß/White      | 225,0             | 12   | 10   | 2nm                        | 1   | 21,00                |
| 8141033HW                | Heck/Stern           | Weiß/White      | 135,0             | 12   | 10   | 2nm                        | 1   | 21,00                |
| 8141033KRG               | Kombi                | Rot/Grün        | 112,5             | 12   | 10   | 1nm                        | 1   | 21,00                |
|                          | Combined             | Red/Green       |                   |      |      |                            |     |                      |



Ohne BSH-Zulassung



**Positionslampen für Boote bis 20m**

Navigation lights for boats up to 20m / Feux de navigation pour bateaux jusqu'à 20m.

**814104**

| Bestell-Nr.<br>Order no. | Position<br>Position | Farbe<br>Colour | Grad°<br>Degrees° | Volt | Watt | Sichtbarkeit<br>Visibility | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------|-----------------|-------------------|------|------|----------------------------|-----|----------------------|
| 8141043SG                | Seite/Side           | Grün/Green      | 112,5             | 12   | 25   | 2nm                        | 1   | 45,00                |
| 8141043SR                | Seite/Side           | Rot/Red         | 112,5             | 12   | 25   | 2nm                        | 1   | 45,00                |
| 8141043TW                | Top                  | Weiß/White      | 225,0             | 12   | 10   | 3nm                        | 1   | 45,00                |
| 8141043HW                | Heck/Stern           | Weiß/White      | 135,0             | 12   | 10   | 2nm                        | 1   | 45,00                |
| 8141043KRG               | Kombi                | Rot/Grün        | 122,5             | 12   | 25   | 2nm                        | 1   | 45,00                |
|                          | Combined             | Red/Green       |                   |      |      |                            |     |                      |



Ohne BSH-Zulassung



**LED Positonslampe für Boote bis 12m, schwarz**

LED Navigation lights for boats up to 12m black / Feu bicolore boîtier noir - pour bateau jusqu'à 12 Mètres

**814675**

| Bestell-Nr.<br>Order no. | Position<br>Position | Farbe<br>Colour | Grad°<br>Degrees° | Volt | Sichtbarkeit<br>Visibility | LM   | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------|-----------------|-------------------|------|----------------------------|------|-----|----------------------|
| 8146753SG                | Seite/Side           | Grün/Green      | 112,5             | 12   | 1nm                        | 1,67 | 1   | 25,00                |
| 8146753SR                | Seite/Side           | Rot/Red         | 112,5             | 12   | 1nm                        | 2,89 | 1   | 25,00                |
| 8146753TW                | Top                  | Weiß/White      | 225,0             | 12   | 2nm                        | 42,5 | 1   | 25,00                |
| 8146753HW                | Heck/Stern           | Weiß/White      | 135,0             | 12   | 2nm                        | 42,5 | 1   | 25,00                |
| 8146753KRG               | Kombi                | Rot-Grün        | 112,5             | 12   | 2nm                        | 2,2  | 1   | 25,00                |
|                          | Combined             | Red-Green       |                   |      |                            |      |     |                      |



Ohne BSH-Zulassung



**LED Positonslampe für Boote bis 12m, weiß**

LED Navigation lights for boats up to 12m white / Feu bicolore boîtier blanc - pour bateau jusqu'à 12 Mètres

**814676**

| Bestell-Nr.<br>Order no. | Position<br>Position | Farbe<br>Colour | Grad°<br>Degrees° | Volt | Sichtbarkeit<br>Visibility | LM   | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------|-----------------|-------------------|------|----------------------------|------|-----|----------------------|
| 8146763SG                | Seite/Side           | Grün/Green      | 112,5             | 12   | 1nm                        | 1,67 | 1   | 25,00                |
| 8146763SR                | Seite/Side           | Rot/Red         | 112,5             | 12   | 1nm                        | 2,89 | 1   | 25,00                |
| 8146763TW                | Top                  | Weiß/White      | 225,0             | 12   | 2nm                        | 42,5 | 1   | 25,00                |
| 8146763HW                | Heck/Stern           | Weiß/White      | 135,0             | 12   | 2nm                        | 42,5 | 1   | 25,00                |
| 8146763KRG               | Kombi                | Rot-Grün        | 112,5             | 12   | 2nm                        | 2,2  | 1   | 25,00                |
|                          | Combined             | Red-Green       |                   |      |                            |      |     |                      |



Ohne BSH-Zulassung



814818

## LED Positonslampe für Boote bis 12m, schwarz

LED Navigation lights for boats up to 12m black / Feu bicolore boîtier noir - pour bateau jusqu'à 12 Mètres

NEW



| Bestell-Nr.<br>Order no. | Position          | Farbe<br>Colour       | Grad°<br>Degrees° | Volt | Sichtbarkeit<br>Visability | LM   | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------------|-----------------------|-------------------|------|----------------------------|------|-----|----------------------|
| 8148183SG                | Seite/Side        | Grün/Green            | 112,5             | 12   | 1nm                        | 20,5 | 1   | 19,00                |
| 8148183SR                | Seite/Side        | Rot/Red               | 112,5             | 12   | 1nm                        | 11   | 1   | 19,00                |
| 8148183HW                | Heck/Stern        | Weiß/White            | 135,0             | 12   | 2nm                        | 76   | 1   | 19,00                |
| 8148183KRG               | Kombi<br>Combined | Rot-Grün<br>Red-Green | 112,5             | 12   | 2nm                        | 30,2 | 1   | 32,00                |



Ohne BSH-Zulassung

8692

## Halogen-Salingleuchte, wasserdicht / A2-AISI 304

Halogen spreader light, waterproof / Projecteur pour bar de flèche étanche

Ohne Gelenk  
Without jointMit Gelenk  
With joint

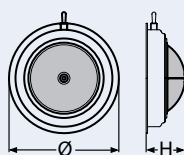
| Bestell-Nr.<br>Order no. | Sockel<br>Socket             | Ø   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------------------|-----|------|------|-----|----------------------|
| 86922115                 | Ohne Gelenk<br>Without joint | 115 | 12   | 55   | 1   | 48,00                |
| 86922115GELENK           | Mit Gelenk<br>With joint     | 115 | 12   | 55   | 1   | 52,00                |



8594

## Halogen Decksleuchte / A2-AISI 304

Halogen deck light / Plafonnier



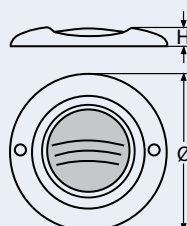
| Bestell-Nr.<br>Order no. | Ø   | H  | Volt | Watt | Licht<br>Light        | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|------|-----------------------|-----|----------------------|
| 85942172                 | 172 | 45 | 12   | 20   | Rot/Weiß<br>Red/White | 1   | 38,50                |



814148

## Cockpit Beleuchtung / A2-AISI 304

Cockpit light / Lampe de cabine



| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 8141482                  | 80 | 15 | 12   | 10   | 1   | 20,30                |



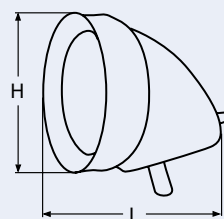


**Halogen Deckslicht / PVC**

Halogen deck light / Plafonnier halogène

**8841**

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | L   | H   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|-----|------|------|-----|----------------------|
| 88413W                   | Weiß/White      | 150 | 130 | 12   | 35   | 1   | 42,00                |
| 88413S                   | Schwarz/Black   | 150 | 130 | 12   | 35   | 1   | 42,00                |

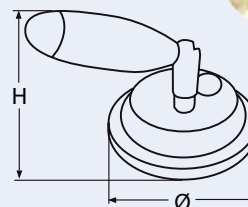


**Halogen Leselampe / Messing**

Halogen reading light / Lampe de cabine

**8842**

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Ø   | H   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|-----|------|------|-----|----------------------|
| 88427S                   | Silber/Silver   | 100 | 170 | 12   | 10   | 1   | 29,50                |
| 88427G                   | Gold/Gold       | 100 | 170 | 12   | 10   | 1   | 29,50                |

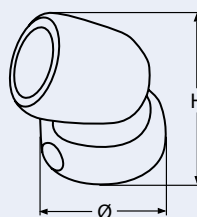


**Halogen Leselampe / Messing**

Halogen reading light / Lampe de cabine

**8843**

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Ø  | H   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|-----|------|------|-----|----------------------|
| 88437S                   | Silber/Silver   | 75 | 120 | 12   | 10   | 1   | 41,50                |
| 88437G                   | Gold/Gold       | 75 | 120 | 12   | 10   | 1   | 41,50                |

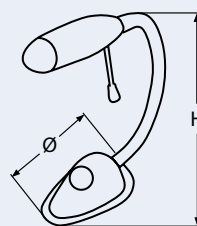


**Halogen Leselampe, flexibel / Messing**

Halogen reading light flexible / Lampe de cabine

**8844**

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Ø  | H   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|-----|------|------|-----|----------------------|
| 88447S                   | Silber/Silver   | 80 | 200 | 12   | 10   | 1   | 47,00                |
| 88447G                   | Gold/Gold       | 80 | 200 | 12   | 10   | 1   | 47,00                |

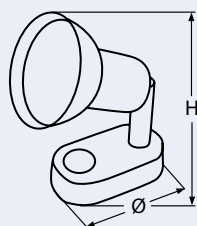


**Halogen Leselampe / Messing**

Halogen reading light / Lampe de cabine

**8845**

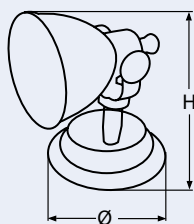
| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Ø  | H   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|-----|------|------|-----|----------------------|
| 88457S                   | Silber/Silver   | 70 | 100 | 12   | 10   | 1   | 67,00                |
| 88457G                   | Gold/Gold       | 70 | 100 | 12   | 10   | 1   | 67,00                |



8738

## Halogen Wandlampe / Messing

Halogen interior light / Applique halogène



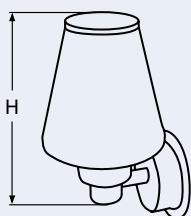
| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Ø  | H   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|-----|------|------|-----|----------------------|
| 87385                    | Gold/Gold       | 85 | 100 | 12   | 10   | 1   | 62,50                |



8736

## Halogen Wandlampe / Messing

Halogen interior light / Luminaire



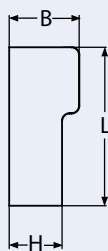
| Bestell-Nr.<br>Order no. | Farbe<br>Colour | H   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|------|------|-----|----------------------|
| 87365                    | Gold/Gold       | 190 | 12   | 10   | 1   | 48,00                |



8741

## Halogen Deckenlampe, Aufbau / Plastik

Halogen ceiling light, surface mount / Plafonnier halogène



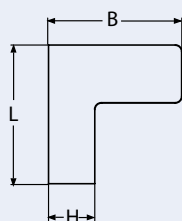
| Bestell-Nr.<br>Order no. | Farbe<br>Colour | L  | B  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|----|----|------|------|-----|----------------------|
| 8741390_25               | Weiß/White      | 90 | 25 | 20 | 12   | 10   | 1   | 16,80                |



8740

## Halogen Deckenlampe, Aufbau / Plastik

Halogen ceiling light, surface mount / Plafonnier halogène



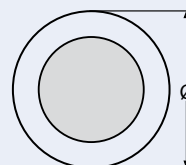
| Bestell-Nr.<br>Order no. | Farbe<br>Colour | L  | B  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|----|----|------|------|-----|----------------------|
| 8740380_50               | Weiß<br>White   | 80 | 50 | 18 | 12   | 10   | 1   | 23,00                |



**Halogen Deckenlampe, Einbau / Plastik**  
Halogen ceiling light, flush mount / Plafonnier halogène

**814199**

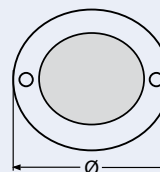
| Bestell-Nr.<br>Order no. | Ø  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|------|-----|----------------------|
| 814199375                | 75 | 12   | 5    | 1   | 7,80                 |



**Halogen Deckenlampe, Einbau / Plastik**  
Halogen ceiling light, flush mount / Plafonnier halogène

**814200**

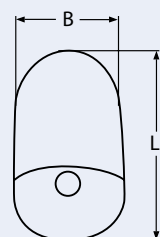
| Bestell-Nr.<br>Order no. | Ø   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|------|-----|----------------------|
| 8142003125               | 125 | 12   | 5    | 1   | 9,50                 |



**Deckenlampe, Aufbau / Plastik**  
Ceiling light, surface mount / Plafonnier

**814204**

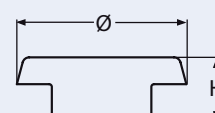
| Bestell-Nr.<br>Order no. | L   | B   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|------|-----|----------------------|
| 8142043190_110           | 190 | 110 | 12   | 18   | 1   | 6,00                 |



**Halogen Deckenlampe, Einbau / Messing**  
Halogen ceiling light, flush mount / Spot halogène

**8758**

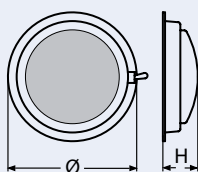
| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|----|------|------|-----|----------------------|
| 8758780_28               | Silber/Silver   | 80 | 28 | 12   | 10   | 1   | 12,00                |



8694

## Innenleuchte, Aufbau / A2-AISI 304

Dome light, surface mount / Plafonnier



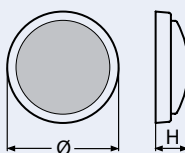
| Bestell-Nr.<br>Order no. | Ø   | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|------|-----|----------------------|
| 86942110                 | 110 | 35 | 12   | 8    | 1   | 24,00                |
| 86942140                 | 140 | 35 | 12   | 15   | 1   | 26,00                |



8693

## Innenleuchte, Aufbau / A2-AISI 304

Dome light, surface mount / Plafonnier avec 2 positions d'éclairage



| Bestell-Nr.<br>Order no. | Ø   | H  | Volt | Watt    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|---------|-----|----------------------|
| 86932105                 | 105 | 30 | 12   | 10      | 1   | 29,00                |
| 86932145                 | 145 | 30 | 12   | 10 + 20 | 1   | 31,00                |

Ein/Aus und Sparschaltung (10 + 20 Watt)

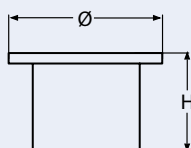
On/off and economy circuit (10 + 20 Watt)



8739

## Halogen Deckenlampe, Einbau / Messing

Halogen ceiling light, flush mount / Plafonnier halogène



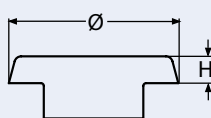
| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|----|------|------|-----|----------------------|
| 8739565_32               | Gold/Gold       | 65 | 32 | 12   | 20   | 1   | 25,00                |
| 8739765_32               | Silber/Silver   | 65 | 32 | 12   | 20   | 1   | 29,00                |



8759

## Halogen Deckenlampe, Einbau / Messing

Halogen ceiling light, flush mount / Spot halogène



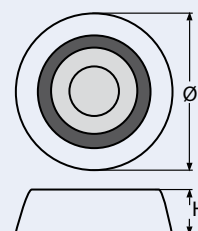
| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|----|------|------|-----|----------------------|
| 8759570_25               | Gold/Gold       | 70 | 25 | 12   | 5    | 1   | 14,00                |



**Halogen Deckenlampe, Aufbau / Plastik**  
Halogen ceiling light, surface mount / Plafonnier halogène

**814205**

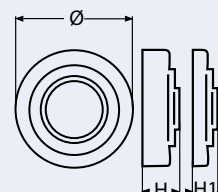
| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 814205380                | 80 | 45 | 12   | 10   | 1   | 12,00                |



**Halogen Deckenlampe, variabel / Plastik**  
Halogen ceiling light, variable / Plafonnier halogène à éclairage réglable

**814051**

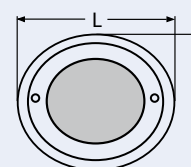
| Bestell-Nr.<br>Order no. | Ø  | H  | H1 | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|----|------|------|-----|----------------------|
| 814051385_27             | 85 | 26 | 12 | 12   | 10   | 1   | 12,00                |



**Halogen Deckenlampe, oval, variabel / Plastik**  
Halogen ceiling light, oval, variable / Plafonier halogène ovale variable en plastique

**814259**

| Bestell-Nr.<br>Order no. | L   | B   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|------|-----|----------------------|
| 8142593119               | 119 | 100 | 12   | 5    | 1   | 13,60                |

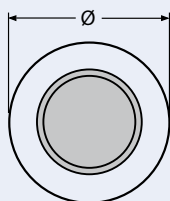




814262

**Halogen Deckenlampe, Aufbau / Plastik**

Halogen ceiling light, surface mount / Plafonier halogène - Plastique



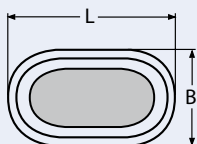
| Bestell-Nr.<br>Order no. | Ø   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|------|-----|----------------------|
| 8142623110               | 110 | 12   | 10   | 1   | 11,70                |



814251

**Einbaulampe, oval / Messing verchromt**

Installation light oval, chrome plated brass / Eclairage oval - Laiton chromé plaqué



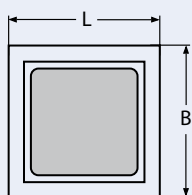
| Bestell-Nr.<br>Order no. | L  | B  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 814251754_40             | 54 | 40 | 12   | 5    | 1   | 12,60                |



814252

**Einbaulampe, eckig / Messing verchromt**

Installation light, square, chrome plated brass / Eclairage carré - Laiton chromé plaqué



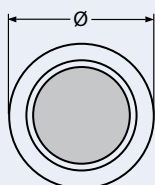
| Bestell-Nr.<br>Order no. | L  | B  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 814252739_39             | 39 | 39 | 12   | 5    | 1   | 12,60                |



814253

**Einbaulampe, rund / Messing verchromt**

Installation light round, chrome plated brass / Eclairage rond - Laiton chromé plaqué



| Bestell-Nr.<br>Order no. | Ø  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|------|-----|----------------------|
| 814253738                | 38 | 12   | 5    | 1   | 12,00                |



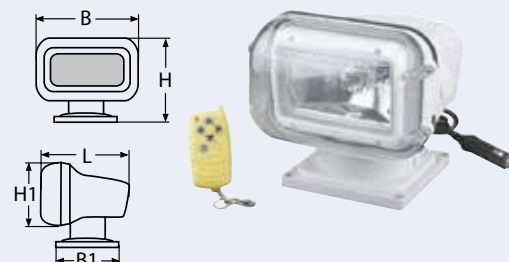
**Halogen Spotlight mit Fernbedienung / Plastik**

Halogen spotlight with remote control / Projecteur halogène avec télécommande - plastique

**814332**

| Bestell-Nr.<br>Order no. | L   | B   | H   | B1  | H1  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|-----|-----|------|------|-----|----------------------|
| 8143323265               | 230 | 210 | 200 | 150 | 145 | 12   | 55   | 1   | 460,00               |

- Wasserfest
- Mit magnetischem Fuß
- Rotation: 420°
- Neigungswinkel: 120°
- Inkl. 2 Anschlusskabel: Zigarettenanzünder und Bordnetz-kabel
- Waterproof
- With magnetic foot
- Rotation: 420°
- Angle of dip: 120°
- Incl. 2 connection cables: cigarette jack and harness cable

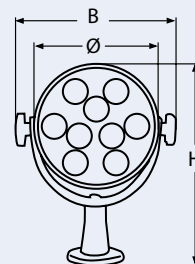


**High power LED Scheinwerfer 9 LEDs / Alu**

High Power LED spotlight 9 LED's / Projecteur 9 LED

**814698**

| Bestell-Nr.<br>Order no. | Ø   | H     | B   | Volt | Watt  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-------|-----|------|-------|-----|----------------------|
| 8146980140               | 140 | 257,5 | 179 | 12   | 9 x 3 | 1   | 253,00               |



**Flexible LED Lampe / Plastik**

Flexible LED light / Lampe LED flexible

**814203**

| Bestell-Nr.<br>Order no. | L   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|-----|----------------------|
| 8142030420               | 420 | 12   | 1   | 18,20                |

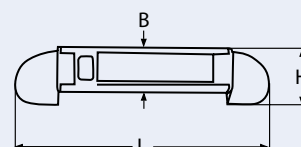


**LED Schienenlampe, Aufbau / Plastik**

LED rail light, surface mount / Lampe LED sur rail

**814202**

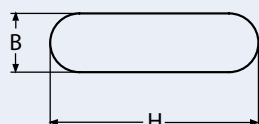
| Bestell-Nr.<br>Order no. | L   | B  | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|-----|----------------------|
| 8142023173_30            | 173 | 30 | 30 | 12   | 1   | 20,80                |



8760

## LED Leuchte, wassergeschützt, Einbau / Plastik

LED light, water protected, flush mount / Lampe de cabine étanche



| Bestell-Nr.<br>Order no. | LED        | H  | B  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|------------|----|----|------|------|-----|----------------------|
| 87603WEISS               | Weiß/White | 80 | 28 | 12   | 6    | 1   | 14,00                |

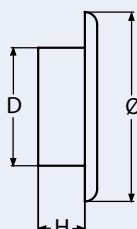


weiß/white

8691

## LED Leuchte, wassergeschützt, Einbau / Plastik

LED light, water protected, flush mount / Spot étanche



| Bestell-Nr.<br>Order no. | LED                | Farbe<br>Colour    | Ø  | D  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------|--------------------|----|----|----|------|------|-----|----------------------|
| 86913WEISS               | Weiß/ <sup>1</sup> | Weiß/ <sup>1</sup> | 75 | 49 | 25 | 12   | 10   | 1   | 16,80                |
| 86913ROT                 | Rot/ <sup>2</sup>  | Weiß/ <sup>1</sup> | 75 | 49 | 25 | 12   | 10   | 1   | 16,80                |

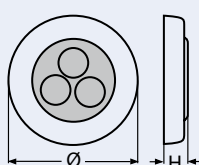
<sup>1</sup> White, <sup>2</sup> Red

weiß/white rot/red

814191

## Kabellose LED Lampe / Plastik

Wireless LED light / Lampe LED sans fil



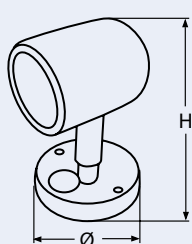
| Bestell-Nr.<br>Order no. | Ø  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 814191370                | 70 | 20 | 5   | 3,60                 |

Inkl. 3 x AAA Batterie  
Incl. 3 x AAA battery

8755

## LED Leselampe / Messing

LED reading light / Lampe de cabine



| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Ø  | H   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|-----|------|-----|----------------------|
| 8755540                  | Gold/Gold       | 85 | 100 | 12   | 1   | 63,70                |

Artikel läuft aus / product running out

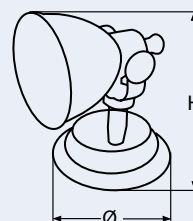


**LED Wandlampe / Messing**  
LED interior light / Applique

**8737**

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Ø  | H   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----|-----|------|-----|----------------------|
| 87375                    | Gold/Gold       | 85 | 100 | 12   | 1   | 71,60                |

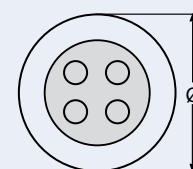
Artikel läuft aus / product running out



**LED Deckenlampe, Einbau / Plastik**  
LED ceiling light, flush mount / Plafonnier LED

**814201**

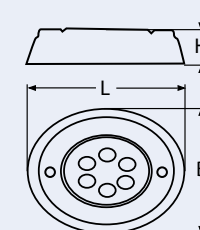
| Bestell-Nr.<br>Order no. | Ø  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|-----|----------------------|
| 814201375                | 75 | 12   | 1   | 19,90                |



**LED Deckenlampe, 6 LEDs, variabel / Plastik**  
Led ceiling light, 6 LEDs, variable / Eclairage 6 Lampes LED

**814219**

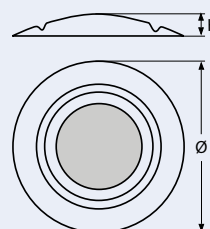
| Bestell-Nr.<br>Order no. | L   | B  | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|-----|----------------------|
| 8142193130               | 130 | 90 | 30 | 12   | 1   | 22,20                |



**High Power LED Minideckenlampe / Alu**  
LED High power mini ceiling light / Mini éclairage LED grande puissance en Alu

**814677**

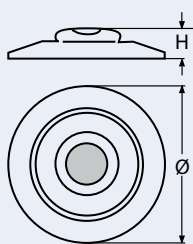
| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 814677040                | 40 | 17 | 12   | 1    | 1   | 34,00                |



## 814140

## High Power LED Deckenlampe, verstellbar, Einbau / Alu

High power LED ceiling light, adjustable, flush mount / Plafonnier ultra-puissant et réglable en alu. Éclairage par LED



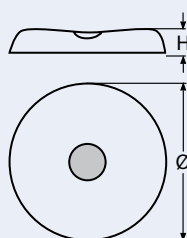
| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 8141400                  | 84 | 20 | 12   | 3    | 1   | 66,00                |



## 814141

## High Power LED Deckenlampe / Alu

High power LED ceiling light / Plafonnier ultra-puissant en alu. Éclairage par LED



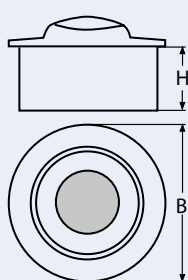
| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 8141410                  | 85 | 20 | 12   | 3    | 1   | 66,00                |



## 814138

## High Power LED Deckenlampe, Einbau / Alu

High power LED ceiling light, flush mount / Plafonnier ultra-puissant en alu. Éclairage par LED



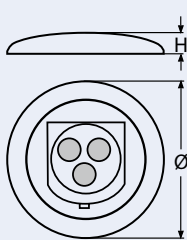
| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 8141380                  | 54 | 40 | 12   | 1    | 1   | 40,00                |



## 814144

## High Power LED Deckenlampe, Einbau / Alu

High power LED ceiling light, flush mount / Plafonnier ultra-puissant en alu. Éclairage par LED



| Bestell-Nr.<br>Order no. | Ø   | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|------|-----|----------------------|
| 8141440                  | 130 | 75 | 12   | 3    | 1   | 124,00               |



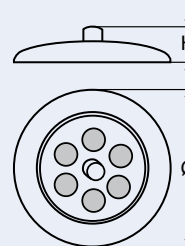


**High Power LED Deckenlampe, Einbau / Alu**

High power LED ceiling light, flush mount / Plafonnier ultra-puissant en alu. Éclairage par LED

**814145**

| Bestell-Nr.<br>Order no. | Ø   | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|------|-----|----------------------|
| 8141450                  | 130 | 43 | 12   | 6    | 1   | 176,00               |

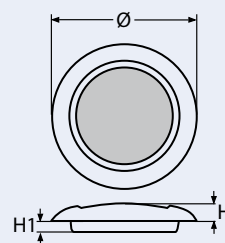


**High Power LED Deckenlampe, extra flach, Einbau / Alu**

High power LED ceiling light, flat type, flush mount / Eclairage LED ultra puissant en Alu

**814257**

| Bestell-Nr.<br>Order no. | Ø  | H | H1 | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|---|----|------|------|-----|----------------------|
| 8142570                  | 85 | 7 | 5  | 12   | 3    | 1   | 53,00                |

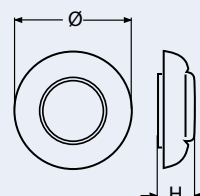


**LED Deckenlampe, Aufbau / Plastik**

LED ceiling light, surface mount / Plafonnier à LED

**814050**

| Bestell-Nr.<br>Order no. | Ø   | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|----------------------|
| 8140503100_45            | 100 | 45 | 12   | 1   | 34,60                |

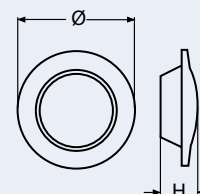


**LED Deckenlampe, Einbau / Plastik**

LED ceiling light, flush mount / Plafonnier à LED

**814049**

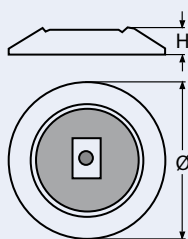
| Bestell-Nr.<br>Order no. | Ø   | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|----------------------|
| 8140493100_45            | 100 | 45 | 12   | 1   | 34,00                |



814142

**High Power LED 6 Farben Deckenlampe, Einbau / Plastik**

6 colour high power LED ceiling light, flush mount / Plafonnier en plastique. Éclairage par LED 6 couleurs



| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 8141420                  | 60 | 20 | 12   | 1.5  | 1   | 65,00                |

LED Farben: Rot – Grün – Blau – Orange – Pink – Weiß

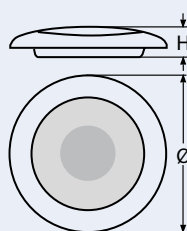
LED Colours : Red – Green – Blue – Orange – Pink - White



814146

**High Power LED Deckenlampe, Einbau / Messing verchromt**

High power LED ceiling light, flush mount, brass, chrome plated / Plafonnier ultra-puissant, chromé



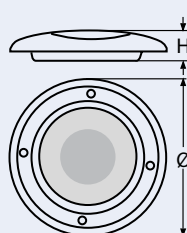
| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 8141463                  | 70 | 40 | 12   | 1    | 1   | 44,00                |



814147

**High Power LED Deckenlampe, Einbau / Plastik**

High power LED ceiling light, flush mount / Plafonnier en plastique ultra-puissant. Éclairage par LED



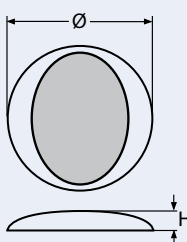
| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 8141473                  | 60 | 20 | 12   | 1    | 1   | 33,00                |



814261

**High Power LED Deckenlampe, Aufbau / Plastik**

High power LED ceiling light, surface mount / Eclairage LED Grande puissance - plastique



| Bestell-Nr.<br>Order no. | Ø   | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|------|-----|----------------------|
| 8142613                  | 130 | 25 | 12   | 3    | 1   | 64,00                |

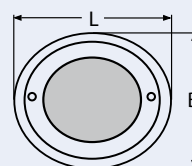


**LED Deckenlampe, variabel / Plastik**

LED ceiling light, variable / Eclairage LED variable - Plastique

**814263**

| Bestell-Nr.<br>Order no. | L   | H   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|-----|----------------------|
| 8142633119               | 119 | 100 | 12   | 1   | 22,00                |

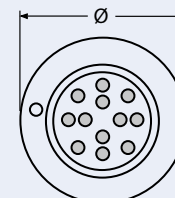


**LED Deckenlampe, variabel, 12 LEDs / Plastik**

LED ceiling light, variable 12 LED's / Eclairage variable 12 lampes LED - plastique

**814322**

| Bestell-Nr.<br>Order no. | Ø  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|-----|----------------------|
| 814322380                | 80 | 12   | 1   | 24,60                |



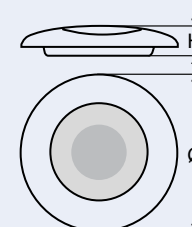
**High Power LED 4 Farben Deckenlampe, Einbau / Plastik**

4 colours High power LED ceiling light, flush mount / Eclairage LED ultra puissant en plastique

**814404**

| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 814404370_25             | 70 | 25 | 12   | 1    | 1   | 59,00                |

LED Farben: Rot - Grün - Blau - Weiß  
LED Colours: Red - Green - Blue - White



**High Power LED Deckenlampe, schwenkbar, Einbau / Messing verchromt**

High Power LED swivel ceiling light, flush mount, brass, chrome-plated / \*\*

**814388**

| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------|-----|----------------------|
| 814388778                | 78 | 26 | 12   | 1    | 1   | 59,00                |

\*\* Plafonnier pivotant ultra puissant en laiton chrome

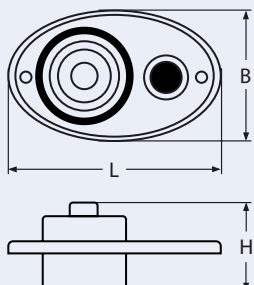


814814

High Power LED Lampe, schwenkbar, Einbau / Plastik verchromt

High Power LED swivel light, flush mount, plastic chrome plated / Spot LED orientable en plastique chromé

NEW



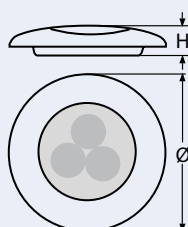
| Bestell-Nr.<br>Order no. | L   | B  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|------|-----|----------------------|
| 8148143115               | 115 | 65 | 55 | 12   | 1    | 1   | 55,00                |



814405

LED Deckenlampe, 3 LEDs, Einbau / A2-AISI 304

LED ceiling light, 3 LED's, flush mount / Plafonnier 3 lampes LED



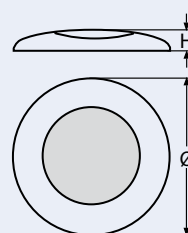
| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|-----|----------------------|
| 814405270_25             | 70 | 25 | 12   | 1   | 21,00                |



814406

LED Aufbau Deckenlampe, extra flach, 16 LEDs / A2-AISI 304

LED ceiling light, flat type, 16 LEDs, surface mount / Plafonnier 16 lampes LED



| Bestell-Nr.<br>Order no. | Ø  | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|-----|----------------------|
| 814406294_11             | 94 | 11 | 12   | 1   | 35,00                |

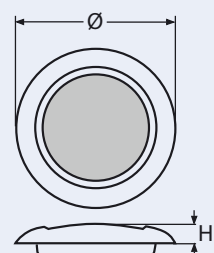


814764

LED Deckenlampe, Aufbau warmweiss / A2-AISI 304

LED ceiling light warm white, surface mount / Eclairage 34 LED

NEW



| Bestell-Nr.<br>Order no. | Ø   | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|----------------------|
| 8147642124               | 124 | 22 | 12   | 1   | 75,00                |

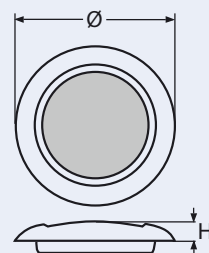


**NEW**

**LED Deckenlampe warmweiss, Aufbau / A2-AISI 304**  
LED ceiling light warm white, surface mount / Eclairage 64 LED

**814765**

| Bestell-Nr.<br>Order no. | Ø   | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|----------------------|
| 8147652162               | 162 | 22 | 12   | 1   | 115,00               |

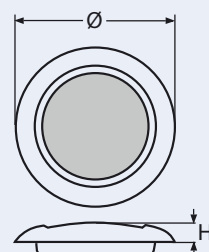


**NEW**

**LED Deckenlampe warmweiss, Aufbau / Plastik**  
LED ceiling light warm white, surface mount / Eclairage 34 LED

**814766**

| Bestell-Nr.<br>Order no. | Ø   | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|----------------------|
| 8147663122               | 122 | 23 | 12   | 1   | 71,00                |

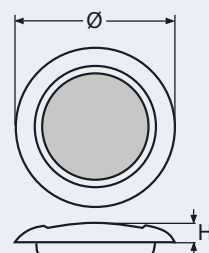


**NEW**

**LED Deckenlampe warmweiss, Aufbau / Plastik**  
LED ceiling light warm white, surface mount / Eclairage 64 LED

**814767**

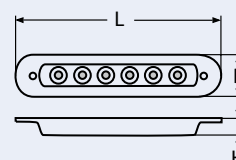
| Bestell-Nr.<br>Order no. | Ø   | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|----------------------|
| 8147673159               | 159 | 23 | 12   | 1   | 103,00               |



**LED Lampe, 6 LEDs, Einbau / Plastik**  
LED light, 6 LEDs, flush mount / Eclairage encastrable en plastique avec 6 lampes LED

**814221**

| Bestell-Nr.<br>Order no. | L   | B  | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|-----|----------------------|
| 8142213140               | 140 | 20 | 30 | 12   | 1   | 15,50                |

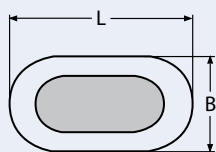




814254

**LED Lampe, oval, 4 LEDs, Einbau / verchromt**

LED light, oval, 4 LEDs, flush mount, chrome plated / Eclairage oval 4 lampes LED - chromé plaqué



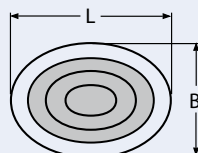
| Bestell-Nr.<br>Order no. | L  | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|-----|----------------------|
| 814254372_39             | 72 | 39 | 12   | 1   | 19,00                |



814256

**LED Lampe, oval, 1 LED, Einbau / verchromt**

LED light, oval, 1 LED, flush mount, chrome plated / Eclairage oval 1 lampe LED - chrome plaqué



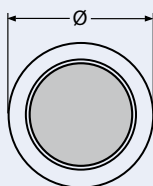
| Bestell-Nr.<br>Order no. | L  | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|-----|----------------------|
| 814256343_30             | 43 | 30 | 12   | 1   | 12,80                |



814324

**LED Lampe, 3 LEDs, Einbau / A2-AISI 304**

LED light, 3 LEDs, flush mount / Eclairage 3 lampes LED - A2



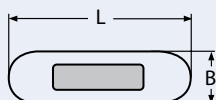
| Bestell-Nr.<br>Order no. | Ø  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|-----|----------------------|
| 814324270                | 70 | 12   | 1   | 20,80                |



814325

**LED Lampe, 2 LEDs, Einbau / A2-AISI 304**

LED light, 2 LEDs, flush mount / Eclairage 2 lampes LED - A2



| Bestell-Nr.<br>Order no. | L  | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|-----|----------------------|
| 814325285_30             | 85 | 30 | 12   | 1   | 16,70                |

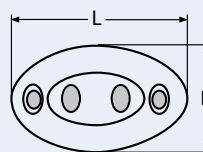


**LED Minilampe, 2 LEDs, Aufbau / Plastik**

Mini LED light, 2 LEDs, surface mount / Mini Eclairage 2 lampes LED - plastique

**814323**

| Bestell-Nr.<br>Order no. | L  | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|-----|----------------------|
| 814323344_20             | 44 | 20 | 12   | 1   | 9,00                 |

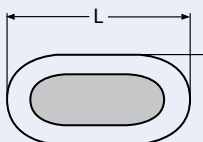


**LED Lampe, oval, 5 LEDs, Aufbau / Plastik**

LED light, oval, 5 LED's, surface mount / Eclairage oval 5 lampes LED - en plastique

**814255**

| Bestell-Nr.<br>Order no. | L  | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|-----|----------------------|
| 814255371_38             | 71 | 38 | 12   | 1   | 16,50                |

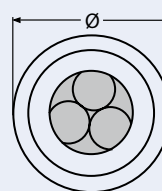


**LED Lampe, 3 LEDs, Aufbau / Plastik**

LED light, 3 LEDs, surface mount / Eclairage 3 lampe LED en plastique

**814258**

| Bestell-Nr.<br>Order no. | Ø  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|-----|----------------------|
| 814258389                | 89 | 12   | 1   | 20,00                |

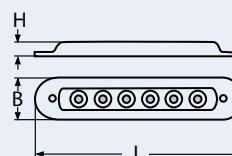


**LED Lampe, 6 LEDs, Aufbau / Plastik**

LED light, 6 LEDs, surface mount / Eclairage 6 lampes LED en plastique

**814260**

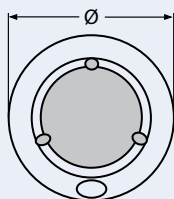
| Bestell-Nr.<br>Order no. | L   | B  | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|-----|----------------------|
| 8142603140               | 140 | 17 | 24 | 12   | 1   | 16,10                |



814326

**LED Lampe, 20 LEDs, Silber, Aufbau / Plastik**

LED light, 20 LEDs, silver, surface mount / Eclairage 20 lampes LED - argent plastique



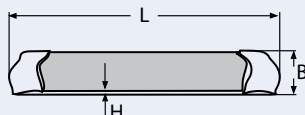
| Bestell-Nr.<br>Order no. | Ø   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|-----|----------------------|
| 8143263140               | 140 | 12   | 1   | 38,00                |



814686

**High Power LED Lampe 6 LEDs / Plastik**

High Power LED light 6 LED's / Eclairage LED



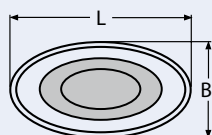
| Bestell-Nr.<br>Order no. | L   | B  | H  | Volt | Watt  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|-------|-----|----------------------|
| 8146863380               | 380 | 66 | 19 | 12   | 6 x 1 | 1   | 110,00               |



814327

**LED Lampe, oval, 12 LEDs, variabel / Plastik**

LED light, oval, 12 LEDs, variable / Eclairage oval 12 lampes LED - plastique



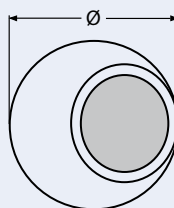
| Bestell-Nr.<br>Order no. | L   | B   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|-----|----------------------|
| 8143273190               | 190 | 110 | 12   | 1   | 53,00                |



814321

**LED Minispot, 360° drehbar, 8 LEDs, Aufbau / Plastik**

LED mini spot, 360° turnable, 8 LEDs, surface mount / Mini spot Eclairage orientable 8 lampes LED - plastique



| Bestell-Nr.<br>Order no. | Ø  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|------|-----|----------------------|
| 814321340                | 40 | 12   | 1   | 16,40                |

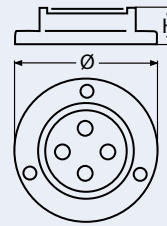


**High Power LED Unterwasserlicht, 4 LEDs, Aufbau / A4-AISI 316**  
High power-underwater LED light, 4 LEDs, surface mount / Plafonnier ultra puissant

**814605**

| Bestell-Nr.<br>Order no. | Ø  | H  | LED Farbe<br>LED Colour | Volt | Watt  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-------------------------|------|-------|-----|----------------------|
| 814605494W               | 94 | 18 | Weiß/White              | 12   | 4 x 3 | 1   | 230,00               |
| 814605494B               | 94 | 18 | Blau/Blue               | 12   | 4 x 3 | 1   | 230,00               |

Lampe arbeitet mit Wasserkühlung.  
Montage nur unter der Wasserlinie.  
This light has a water cooling system.  
Installation under the waterline only.

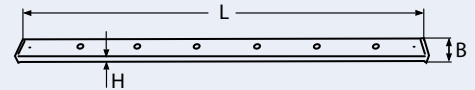


weiß/white    blau/blue

**LED Highpower LED / Alu**  
High Power LED / Eclairage LED

**814683**

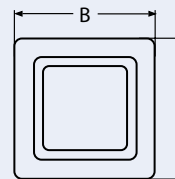
| Bestell-Nr.<br>Order no. | L   | H  | B  | LED'S | Volt | Watt  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|-------|------|-------|-----|----------------------|
| 8146830210               | 210 | 10 | 25 | 3     | 12   | 3 x 1 | 1   | 45,00                |
| 8146830400               | 400 | 10 | 25 | 6     | 12   | 6 x 1 | 1   | 90,00                |



**Dimmer / Plastik**  
Dimmer / Interrupteur

**814320**

| Bestell-Nr.<br>Order no. | L  | B  | Volt | Watt     | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|----------|-----|----------------------|
| 814320360                | 60 | 60 | 12   | max. 80W | 1   | 51,60                |



**Petroleum Wandlampe / Messing**  
Pertroleum wall lamp / Lampe à pétrole

**8744**

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|-----|----------------------|
| 87445                    | Gold/Gold       | 250 | 1   | 124,00               |



**814193****Messing Petroleum-Kabinenlampe**

Brass petroleum cabin light / Lampe de cabine à pétrole



| Bestell-Nr.<br>Order no. | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8141935200               | 200 | 1   | 130,00               |

**814194****Messing Petroleum-Kabinenlampe**

Brass petroleum cabin light / Lampe de cabine à pétrole



| Bestell-Nr.<br>Order no. | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8141945200               | 280 | 1   | 166,00               |

**814195****Messing Petroleum-Kabinenlampe**

Brass petroleum cabin light / Lampe de cabine à pétrole



| Bestell-Nr.<br>Order no. | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8141955480               | 480 | 1   | 532,00               |

**814196****Messing Petroleum-Kabinenlampe**

Brass petroleum cabin light / Lampe de cabine à pétrole



| Bestell-Nr.<br>Order no. | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8141965350               | 350 | 1   | 356,00               |



**Messing Petroleum-Kabinenlampe**

Brass petroleum cabin light / Lampe de cabine à pétrole

**814197**

| Bestell-Nr.<br>Order no. | H   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 8141975380               | 280 | 1   | 240,00               |



**Halogen Handlampe, warmweiss / Plastik verchromt**  
Halogen hand spot light, chrome plated / Lampe à main - chromé

**8898**

| Bestell-Nr.<br>Order no. | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|------|------|-----|----------------------|
| 8898355                  | 12   | 55   | 1   | 39,00                |

Kabellänge 2 m / Cable length 2 m

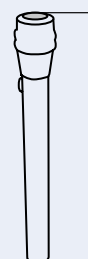


**Teleskoptaschenlampe mit magnetischem Kopf, 3 LEDs / Alu**  
Telescope flashlight with magnetic head / Lampe torche télescopique avec tête magnétique

**814735**

| Bestell-Nr.<br>Order no. | L   | Länge ausgezogen<br>Length extracted | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|--------------------------------------|-----|----------------------|
| 8147350550               | 170 | 550                                  | 1   | 15,00                |

inkl. 3 x AAA Batterien / incl. 3 x AAA battery



814600

## 12 Volt LED Akku-Taschenlampe / Alu

12 Volt LED rechargeable torch / Lampe de poche rechargeable 12 volt



| Bestell-Nr.<br>Order no. | Ø  | L  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 8146003                  | 21 | 55 | 1   | 16,00                |



814157

## LED Stirnleuchte, 7 LEDs / Plastik

LED headlight, 7 LEDs / Lampe de tête 7 LED



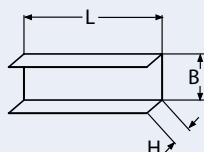
| Bestell-Nr.<br>Order no. | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----------------------|
| 8141573                  | 1   | 6,00                 |



8743

## Leuchtstoffröhrenlampe, Aufbau / Alu-Messing

Fluorescent light, surface mount / Applique néon



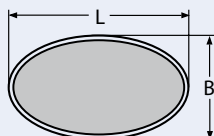
| Bestell-Nr.<br>Order no. | L   | B  | H  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|----|------|------|-----|----------------------|
| 87430375_075             | 375 | 75 | 37 | 12   | 16   | 1   | 67,50                |



814328

## Leuchtstoffröhrendeckenlampe, Aufbau / Plastik

Fluorescent ceiling light, surface mount / Eclairage fluorescent - plastique



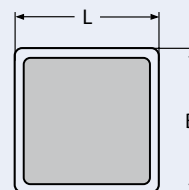
| Bestell-Nr.<br>Order no. | L   | B   | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|------|-----|----------------------|
| 8143283200               | 200 | 120 | 12   | 9    | 1   | 33,00                |



**Leuchtstoffröhrendeckenlampe, Aufbau / Plastik**  
Fluorescent ceiling light, surface mount / Eclairage fluorescent - plastique

**814329**

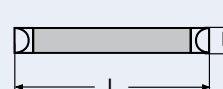
| Bestell-Nr.<br>Order no. | L   | B   | Volt | Watt  | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|-------|-----|----------------------|
| 8143293180               | 180 | 180 | 12   | 2 X 7 | 1   | 49,00                |



**Leuchtstoffröhrenlampe, Aufbau / Plastik**  
Fluorescent light, surface mount / Eclairage fluorescent - plastique

**814330**

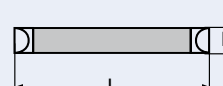
| Bestell-Nr.<br>Order no. | L   | B  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|------|-----|----------------------|
| 8143303595               | 595 | 65 | 12   | 15   | 1   | 27,20                |



**Leuchtstoffröhrenlampe, Aufbau / Plastik**  
Fluorescent light, surface mount / Eclairage fluorescent - plastique

**814331**

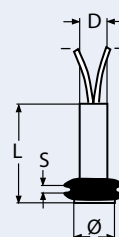
| Bestell-Nr.<br>Order no. | L   | B  | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|------|-----|----------------------|
| 8143313485               | 595 | 65 | 12   | 15   | 1   | 27,00                |



**LED Magic Light, 100% wasserdicht / A2-AISI 304**  
LED magic light, 100% waterproof / Diode LED 100% étanche

**8544**

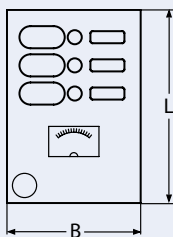
| Bestell-Nr.<br>Order no. | Ø | D   | L  | S | Volt   | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|---|-----|----|---|--------|------|-----|----------------------|
| 8544212                  | 8 | 6,5 | 22 | 2 | 8 - 15 | 0,33 | 1   | 13,00                |



8687

**3er Schalttafel, wassergeschützt**

3 gang water protected switch panel / Tableau à 3 fusibles et interrupteurs étanches



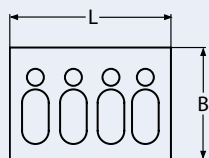
| Bestell-Nr.<br>Order no. | L   | B   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|-----|----------------------|
| 86870190_135             | 190 | 135 | 12   | 1   | 97,00                |

Steckdose. LED-Kontrollleuchte. Voltmeter für Batterie 1 und 2.  
Socket. LED control lamp. Voltmeter for batteries 1 and 2.

8685

**4er Schalttafel, wassergeschützt**

4 gang water protected switch panel / Tableau à 4 fusibles et interrupteurs étanches



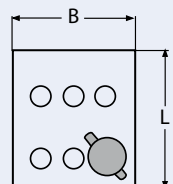
| Bestell-Nr.<br>Order no. | L   | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|----------------------|
| 86850130_95              | 130 | 95 | 12   | 1   | 78,50                |

Glassicherung. LED-Kontrollleuchte  
Glass fuse. LED control lamp

814198

**5er Schalttafel, wassergeschützt**

5 gang water protected switch panel / Tableau à 5 fusibles et interrupteurs étanches

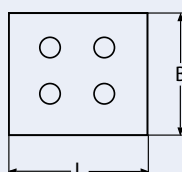


| Bestell-Nr.<br>Order no. | L   | B   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|-----|----------------------|
| 8141983110_125           | 125 | 110 | 12   | 1   | 47,80                |

8756

**4er Schalttafel, wassergeschützt**

4 gang water protected switch panel / Tableau automatique à 4 fusibles et interrupteurs



| Bestell-Nr.<br>Order no. | Farbe<br>Colour | L   | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|----|------|-----|----------------------|
| 87563100_85SCHWARZ       | Schwarz/Black   | 100 | 85 | 12   | 1   | 39,00                |
| 87563100_85WEISS         | Wei/White      | 100 | 85 | 12   | 1   | 39,00                |

Flachsicherung  
Fuse

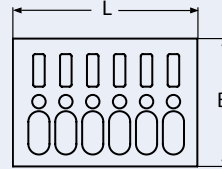
**6er Schalttafel, wassergeschützt**

6 gang water protected switch panel / Tableau à 6 fusibles et interrupteurs étanches

**8686**

| Bestell-Nr.<br>Order no. | L   | B   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|-----|----------------------|
| 86860190_135             | 190 | 135 | 12   | 1   | 89,00                |

Glassicherung. LED-Kontrollleuchte  
Glass fuse. LED control lamp



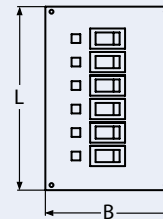
**6er Schalttafel**

6 gang switch panel / Tableau à 6 fusibles et interrupteurs étanches

**8688**

| Bestell-Nr.<br>Order no. | L   | B   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|-----|----------------------|
| 86880170_115             | 170 | 115 | 12   | 1   | 44,00                |

Glassicherung  
Glass fuse



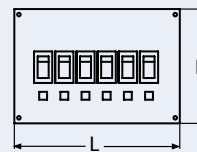
**6er Schalttafel**

6 gang switch panel / Tableau automatique à 6 fusibles et interrupteurs

**8689**

| Bestell-Nr.<br>Order no. | L   | B   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|-----|----------------------|
| 86890170_115             | 165 | 115 | 12   | 1   | 43,00                |

Glassicherung  
Glass fuse



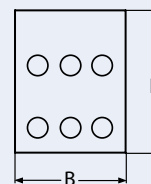
**6er Schalttafel, wassergeschützt**

6 gang water protected switch panel / Tableau à 6 fusibles et interrupteurs étanches

**8757**

| Bestell-Nr.<br>Order no. | Farbe<br>Colour | B   | L   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|-----|-----|------|-----|----------------------|
| 87573105_120SCHWARZ      | Schwarz/Black   | 120 | 105 | 12   | 1   | 61,00                |
| 87573105_120WEISS        | Weiß/White      | 120 | 105 | 12   | 1   | 61,00                |

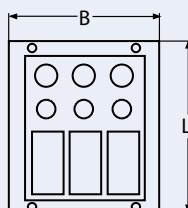
Automatische Sicherung  
Automatic fuse





**814052****3er Schalttafel, wassergeschützt mit automatischen Sicherungen**

3 gang water protected switch panel with automatic fuses / \*\*

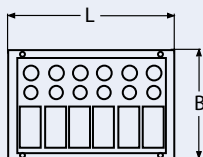


| Bestell-Nr.<br>Order no. | L   | B   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|-----|----------------------|
| 8140523130_110           | 130 | 110 | 12   | 1   | 56,00                |

\*\* Tableau à six fusibles automatiques et interrupteurs étanches

**814053****6er Schalttafel, wassergeschützt mit automatischen Sicherungen**

6 gang water protected switch panel with automatic fuses / \*\*

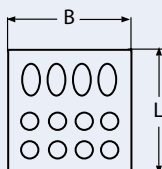


| Bestell-Nr.<br>Order no. | L   | B   | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|------|-----|----------------------|
| 8140533190_130           | 190 | 130 | 12   | 1   | 93,00                |

\*\* Tableau à six fusibles automatiques et interrupteurs étanches

**814402****4er Schalttafel wassergeschützt mit automatischer Sicherung und LED-Anzeige**

4 gang water protected switch panel with automatic fuses and LED indicator / \*\*

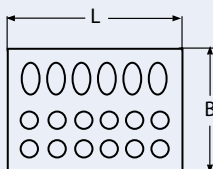


| Bestell-Nr.<br>Order no. | L   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 8144023105_105           | 105 | 105 | 1   | 79,00                |

\*\* Tableaux électriques étanches 4 interrupteurs + voyant lumineux

**814403****6er Schalttafel wassergeschützt mit automatischer Sicherung und LED-Anzeige**

6 gang water protected switch panel with automatic fuses and LED indicator / \*\*



| Bestell-Nr.<br>Order no. | L   | B   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|-----|----------------------|
| 8144033105_150           | 150 | 105 | 1   | 98,00                |

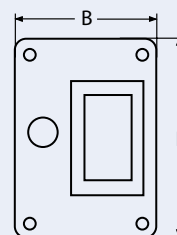
\*\* Tableaux électriques étanches 6 interrupteurs+ voyant lumineux

**Schalter für Ankerwinde**

Windlass switch / Interrupteur pour guindeau

**814090**

| Bestell-Nr.<br>Order no. | L  | B  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|-----|----------------------|
| 814090375                | 75 | 50 | 1   | 11,00                |



**Batterie Hauptschalter mit Schlüssel**

Battery main switch with key / Coupe batterie avec clés

**8725**

| Bestell-Nr.<br>Order no. | Ampere                            | max. Ampere | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------------|-------------|------|-----|----------------------|
| 87253100                 | 100                               | 500         | 12   | 1   | 21,25                |
| 87253ERSATZ              | Ersatzschlüssel / Replacement key |             |      | 1   | 1,50                 |



**Batterie Hauptschalter**

Battery main switch / Commutateur central pour batterie

**8899**

| Bestell-Nr.<br>Order no. | Ampere | Ampere/10 sec. | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|----------------|------|-----|----------------------|
| 88993300                 | 300    | 1000           | 12   | 1   | 35,00                |

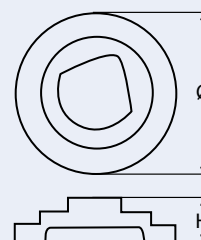


**Batterieumschalter**

Battery switch / Coupe batterie

**8724**

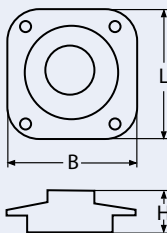
| Bestell-Nr.<br>Order no. | Ampere | max. Ampere | Ø   | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|-------------|-----|----|------|-----|----------------------|
| 87243250                 | 250    | 360         | 130 | 56 | 12   | 1   | 52,00                |



8723

**Batterieumschalter**

Battery switch / Coupe batterie

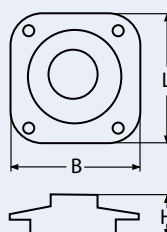


| Bestell-Nr.<br>Order no. | Ampere | max. Ampere | L   | B   | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|-------------|-----|-----|----|------|-----|----------------------|
| 87233350                 | 350    | 800         | 125 | 125 | 85 | 12   | 1   | 75,40                |

8722

**Batterieumschalter**

Battery switch / Coupe batterie



| Bestell-Nr.<br>Order no. | Ampere | max. Ampere | L   | B   | H  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|-------------|-----|-----|----|------|-----|----------------------|
| 87223280                 | 280    | 380         | 100 | 100 | 65 | 12   | 5   | 67,00                |

8734

**Kippschalter**

Flip switch / Interrupteur à levier



| Bestell-Nr.<br>Order no. | Ampere | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|------|-----|----------------------|
| 87343                    | 15     | 12   | 5   | 5,50                 |

8733

**Kippschalter**

Flip switch / Interrupteur à levier



| Bestell-Nr.<br>Order no. | Ampere | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|------|-----|----------------------|
| 87333                    | 5      | 12   | 5   | 2,60                 |

**Kippschalter on-off-on**  
Flip switch / Inverseur à levier

**8732**

| Bestell-Nr.<br>Order no. | Ampere | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|------|-----|----------------------|
| 87323                    | 10     | 12   | 5   | 3,00                 |



**Drucktaster**  
Push button / Bouton d'impression

**8730**

| Bestell-Nr.<br>Order no. | Ampere | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|------|-----|----------------------|
| 87303                    | 10     | 12   | 1   | 2,80                 |

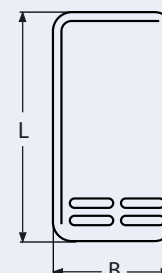


**NEW**

**Schalter wassergeschützt / Plastik**  
Switch splashproof / Interrupteur étanche en plastique

**814775**

| Bestell-Nr.<br>Order no. | L  | B  | Pole | Schalterstellungen<br>Switch positions                       | Max.<br>Amper | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|--------------------------------------------------------------|---------------|------|-----|----------------------|
| 8147753_01               | 20 | 26 | 2    | An-Aus<br>On-off                                             | 15            | 12   | 1   | 6,70                 |
| 8147753_02               | 20 | 26 | 2    | Aus-Taster an<br>Off-pushbutton on                           | 15            | 12   | 1   | 6,70                 |
| 8147753_03               | 20 | 26 | 3    | An-Aus-An<br>On-off-on                                       | 15            | 12   | 1   | 6,70                 |
| 8147753_04               | 20 | 26 | 3    | Taster An-Aus-An<br>Pushbutton on-off-on                     | 15            | 12   | 1   | 6,70                 |
| 8147753_05               | 20 | 26 | 3    | Taster an - Aus-Taster an<br>Pushbutton on-off-pushbutton on | 15            | 12   | 1   | 6,70                 |
| 8147753_06               | 20 | 26 | 4    | An-Aus<br>On-off                                             | 15            | 12   | 1   | 6,70                 |
| 8147753_07               | 20 | 26 | 4    | Aus-Taster an<br>Off-pushbutton on                           | 15            | 12   | 1   | 6,70                 |
| 8147753_08               | 20 | 26 | 6    | An-Aus-An<br>On-off-on                                       | 15            | 12   | 1   | 6,70                 |
| 8147753_09               | 20 | 26 | 6    | Taster an-Aus-An<br>Pushbutton on-off-on                     | 15            | 12   | 1   | 6,70                 |
| 8147753_10               | 20 | 26 | 6    | Taster an - Aus-Taster an<br>Pushbutton on-off-pushbutton on | 15            | 12   | 1   | 6,70                 |

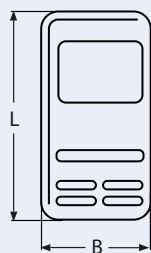


814776

## Schalter wassergeschützt mit LED und Aufkleber / Plastik

Switch splashproof with LED and label / Interrupteur étanche en plastique avec LED et autocollants

NEW



| Bestell-Nr.<br>Order no. | L  | B  | Pole | Schalterstellungen<br>Switch positions                     | Max.<br>Amper | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------------------------------------------------------------|---------------|------|-----|----------------------|
| 8147763_01               | 50 | 26 | 3    | An-Aus<br>On-off                                           | 15            | 12   | 1   | 6,60                 |
| 8147763_02               | 50 | 26 | 3    | Aus-Taster an<br>Off-pushbutton on                         | 15            | 12   | 1   | 7,70                 |
| 8147763_03               | 50 | 26 | 4    | An-Aus<br>On-off                                           | 15            | 12   | 1   | 6,70                 |
| 8147763_04               | 50 | 26 | 4    | Aus-Taster an<br>Off-pushbutton on                         | 15            | 12   | 1   | 8,10                 |
| 8147763_05               | 50 | 26 | 5    | Taster an-Aus-An<br>Pushbutton on-off-on                   | 15            | 12   | 1   | 7,60                 |
| 8147763_06               | 50 | 26 | 6    | An-Aus-An<br>On-off-on                                     | 15            | 12   | 1   | 8,60                 |
| 8147763_07               | 50 | 26 | 6    | Taster an-Aus-Taster an<br>Pushbutton on-off-pushbutton on | 15            | 12   | 1   | 8,60                 |

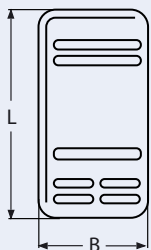
Jeder Schalter wird mit diversen Aufklebern geliefert.  
Each switch is supplied with various stickers.

814777

## Schalter wassergeschützt mit LED / Plastik

Switch splashproof with LED / Interrupteur étanche en plastique avec LED

NEW



| Bestell-Nr.<br>Order no. | L  | B  | Pole | Schalterstellungen<br>Switch positions                     | Max.<br>Amper | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|------------------------------------------------------------|---------------|------|-----|----------------------|
| 8147773_01               | 50 | 26 | 3    | An-Aus<br>On-off                                           | 15            | 12   | 1   | 5,60                 |
| 8147773_02               | 50 | 26 | 3    | Aus-Taster an<br>Off-pushbutton on                         | 15            | 12   | 1   | 7,40                 |
| 8147773_03               | 50 | 26 | 4    | An-Aus<br>On-off                                           | 15            | 12   | 1   | 6,10                 |
| 8147773_04               | 50 | 26 | 4    | Aus-Taster an<br>Off-pushbutton on                         | 15            | 12   | 1   | 7,70                 |
| 8147773_05               | 50 | 26 | 5    | Taster an-Aus-An<br>Pushbutton on-off-on                   | 15            | 12   | 1   | 8,20                 |
| 8147773_06               | 50 | 26 | 6    | An-Aus-An<br>On-off-on                                     | 15            | 12   | 1   | 7,20                 |
| 8147773_07               | 50 | 26 | 6    | Taster an-Aus-Taster an<br>Pushbutton on-off-pushbutton on | 15            | 12   | 1   | 7,20                 |

814778

## Schalterraahmen / Plastik

Switch frame / Cadre de commutateur

NEW



| Bestell-Nr.<br>Order no. | Position        | Für Artikel<br>For article | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|----------------------------|-----|----------------------|
| 8147783S                 | Seite<br>Side   | 814775, 814776, 814777     | 1   | 1,00                 |
| 8147783M                 | Mitte<br>Middle | 814775, 814776, 814777     | 1   | 1,00                 |



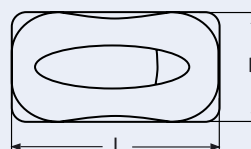
**NEW**

**Schalter wassergeschützt IP66 / Plastik**

Switch waterproof IP66 / Interrupteur étanche en plastique selon indice de protection IP66

**814828**

| Bestell-Nr.<br>Order no. | L  | B  | Pole | Schalterstellungen<br>Switch positions | Max.<br>Amper | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|----------------------------------------|---------------|------|-----|----------------------|
| 8148283_01               | 50 | 24 | 3    | An-Aus<br>On-off                       | 21            | 14   | 1   | 11,70                |
| 8148283_02               | 50 | 24 | 5    | An-Aus<br>On-off                       | 21            | 14   | 1   | 11,20                |



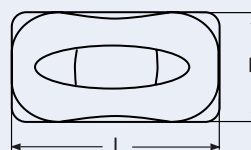
**NEW**

**Schalter wassergeschützt IP66 / Plastik**

Switch waterproof IP66 / Interrupteur étanche en plastique selon indice de protection IP66

**814829**

| Bestell-Nr.<br>Order no. | L  | B  | Pole | Schalterstellungen<br>Switch positions | Max.<br>Amper | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|----------------------------------------|---------------|------|-----|----------------------|
| 8148293_01               | 50 | 24 | 4    | An-Aus-An<br>On-off-on                 | 21            | 14   | 1   | 11,20                |
| 8148293_02               | 50 | 24 | 7    | An-Aus-An<br>On-off-on                 | 21            | 14   | 1   | 14,10                |



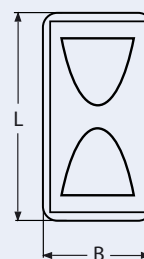
**NEW**

**Schalter wassergeschützt IP66 / Plastik**

Switch waterproof IP66 / Interrupteur étanche en plastique selon indice de protection IP66

**814830**

| Bestell-Nr.<br>Order no. | L  | B  | Pole | Schalterstellungen<br>Switch positions | Max.<br>Amper | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|----------------------------------------|---------------|------|-----|----------------------|
| 8148303_01               | 50 | 24 | 3    | An-Aus-An<br>On-off-on                 | 21            | 14   | 1   | 18,20                |
| 8148303_02               | 50 | 24 | 6    | An-Aus-AN<br>On-off-on                 | 21            | 14   | 1   | 19,00                |



**NEW**

**Schalter wassergeschützt IP65 / Plastik**

Switch waterproof IP65 / Interrupteur étanche en plastique selon indice de protection IP65

**814833**

| Bestell-Nr.<br>Order no. | Ø    | Pole | Schalterstellungen<br>Switch positions | Max.<br>Amper | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|------|------|----------------------------------------|---------------|------|-----|----------------------|
| 8148333_01               | 25,5 | 3    | An-Aus<br>On-off                       | 20            | 12   | 1   | 3,80                 |
| 8148333_02               | 25,5 | 4    | An-Aus<br>On-off                       | 20            | 12   | 1   | 6,20                 |



**11**



**Marine Zündschloss mit Abdeckung, 3 Anschlüsse / Messing**

Marine ignition starter switch with cap, 3 poles, brass / Contacteurs à clé 3 positions en laiton

**814407**

| Bestell-Nr.<br>Order no. | max. Ampere | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------|-----|----------------------|
| 814407515                | 15          | 1   | 35,50                |



**Marine Zündschloss mit Abdeckung, 3 Anschlüsse / Plastik**

Marine ignition starter switch with cap, 3 poles / Contacteurs à clé 3 positions en plastique

**814408**

| Bestell-Nr.<br>Order no. | max. Ampere | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------|-----|----------------------|
| 814408315                | 15          | 1   | 25,00                |



**Marine Zündschloss mit Abdeckung, 5 Anschlüsse / Plastik**

Marine ignition starter switch with cap, 5 poles / Contacteurs à clé 5 positions en plastique

**814409**

| Bestell-Nr.<br>Order no. | max. Ampere | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------|-----|----------------------|
| 814409315                | 15          | 1   | 20,10                |



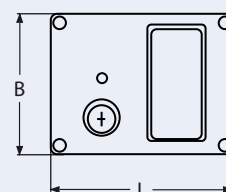
**NEW**

**Schalter für Bilgepumpe, wassergeschützt**

Water protected bilge pump switch / Tableau pour pompe de cale étanché / Commutateur de pompe

**814771**

| Bestell-Nr.<br>Order no. | L  | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|-----|----------------------|
| 814771082_63             | 82 | 63 | 12   | 1   | 26,70                |



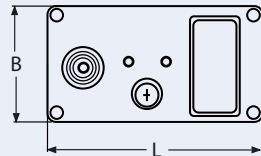


814772

## Schalter für Bilgepumpe, wassergeschützt

Water protected bilge pump switch / Tableau pour pompe de cale étauqué / Commutateur de pompe

NEW

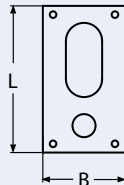


| Bestell-Nr.<br>Order no. | L   | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|------|-----|----------------------|
| 8147720115_63            | 115 | 63 | 12   | 1   | 33,80                |

8681

## Schalter für Bilgepumpe, wassergeschützt

Water protected bilge pump switch / Tableau pour pompe de cale étauqué



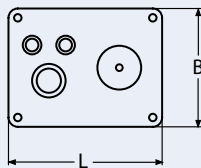
| Bestell-Nr.<br>Order no. | L  | B  | Ampere | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|--------|------|-----|----------------------|
| 8681090_50               | 90 | 50 | 15     | 12   | 1   | 21,00                |

Alutafel mit Glassicherung, automatisch und manuell.  
Alu panel with glass fuse, automatic and manual.

8683

## Schalter für Bilgewasseralarm

Bilge water alarm switch / Tableau pour pompe de cale avec alarme



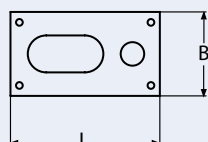
| Bestell-Nr.<br>Order no. | L  | B  | Volt    | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---------|-----|----------------------|
| 8683082_64               | 82 | 64 | 12 + 24 | 1   | 22,50                |

Mit akustischem Alarm. Glassicherung, automatisch.  
With acoustic signal. Glass fuse, automatic.

8684

## Schalter für Bilgepumpe, wassergeschützt

Water protected bilge pump switch / Tableau pour pompe de cale étauqué



| Bestell-Nr.<br>Order no. | L  | B  | Ampere | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|--------|------|-----|----------------------|
| 8684090_50               | 90 | 50 | 15     | 12   | 1   | 20,80                |

Glassicherung, automatisch und manuell.  
Glass fuse, automatic and manual.

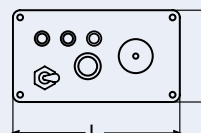
**Schalter für Bilgepumpe mit Alarm**

Bilge pump switch with alarm / Tableau pour pompe de cale avec alarme

**8682**

| Bestell-Nr.<br>Order no. | L   | B  | Volt    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|---------|-----|----------------------|
| 86820115_64              | 115 | 64 | 12 + 24 | 1   | 34,00                |

Mit akustischem Alarm. Glassicherung, autom. und manuell.  
With acoustic signal. Glass fuse, automatic and manual.



**Killschalter**

Kill switch / Coupe circuit

**8729**

| Bestell-Nr.<br>Order no. | Ampere | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|------|-----|----------------------|
| 87293                    | 15     | 12   | 5   | 10,00                |



**Killschalter**

Kill switch / Coupe circuit

**8728**

| Bestell-Nr.<br>Order no. | Ampere | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|------|-----|----------------------|
| 87283                    | 15     | 12   | 5   | 27,00                |

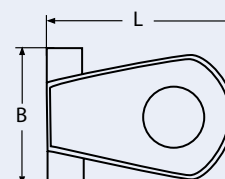


**Schwimmschalter**

Float switch / Contacteur pour pompe

**8716**

| Bestell-Nr.<br>Order no. | L   | B  | Ampere | Volt    | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|----|--------|---------|-----|----------------------|
| 8716312-32               | 112 | 80 | 15     | 12 - 32 | 1   | 26,00                |





8731

**Kontrolllichtschalter**

Push pull with pilot lamp / contrôleur

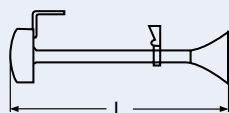


| Bestell-Nr.<br>Order no. | Farbe<br>Colour | Ampere | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------|--------|------|-----|----------------------|
| 87313ROT                 | Rot/Red         | 15     | 12   | 5   | 8,50                 |
| 87313GRÜN                | Grün/Green      | 15     | 12   | 5   | 8,50                 |

8509

**Horn / A2-AISI 304**

Horn / Cornet

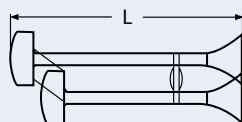
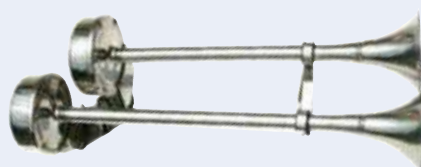


| Bestell-Nr.<br>Order no. | L   | dB  | Ampere | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|--------|------|-----|----------------------|
| 85092410                 | 410 | 115 | 3      | 12   | 1   | 79,30                |

8510

**Fanfare / A2-AISI 304**

Fanfare / Double cornet

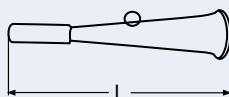


| Bestell-Nr.<br>Order no. | L   | dB  | Ampere | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|--------|------|-----|----------------------|
| 85102465                 | 465 | 115 | 6      | 12   | 1   | 181,80               |

8672

**Horn / A2-AISI 304**

Horn / Cornet

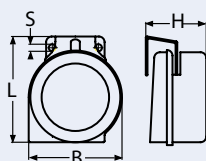


| Bestell-Nr.<br>Order no. | L   | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|-----|----------------------|
| 86722200                 | 200 | 1   | 33,60                |

8583

**Minihorn / A2-AISI 304**

Mini horn / Corne de brume



| Bestell-Nr.<br>Order no. | L  | B  | S | H  | dB  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|---|----|-----|------|-----|----------------------|
| 8583295                  | 95 | 85 | 2 | 55 | 105 | 12   | 1   | 44,70                |

**NEW**

**Doppelhubpumpe**

Double action hand pump / Pompe à main, double action

**814811**

| Bestell-Nr.<br>Order no. | Volumen<br>capacity | Nominaler Druck<br>Nominal pressure | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------|-------------------------------------|-----|----------------------|
| 814811314                | 2 x 1,4 L           | 1 Bar                               | 1   | 58,00                |



**Manuelle Fußpumpe**

Manual foot pump / Pompe à pied double effet

**8714**

| Bestell-Nr.<br>Order no. | Schlauch<br>Hose | Liter/min. | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|------------|-----|----------------------|
| 87143                    | 13               | 9          | 1   | 71,00                |



**NEW**

**Bilgepumpe mit integriertem Schwimmschalter / Plastik**

Bilge pump with automatic float switch / Pompe de cale automatique avec embouts

**814834**

| Bestell-Nr.<br>Order no. | Volt | Liter/Std.<br>Liter / hour | Schlauch Ø<br>Hose Ø | Box | *€/Stück<br>*€/piece |
|--------------------------|------|----------------------------|----------------------|-----|----------------------|
| 8148343-12               | 12   | 2200                       | 20/28                | 1   | 78,00                |



**Bilgepumpe / Plastik**

Bilge pump / Pompe de cale d'assèchement

**8712**

| Bestell-Nr.<br>Order no. | Typ  | Volt | Liter/Std.<br>Liter/hour | Ø  | Box | *€/Stück<br>*€/piece |
|--------------------------|------|------|--------------------------|----|-----|----------------------|
| 871230500-12             | 500  | 12   | 1900                     | 19 | 1   | 48,80                |
| 871230700-12             | 700  | 12   | 2600                     | 19 | 1   | 49,00                |
| 871230700-24             | 700  | 24   | 2600                     | 19 | 1   | 50,00                |
| 871231500-12             | 1500 | 12   | 5640                     | 32 | 1   | 77,20                |
| 871231500-24             | 1500 | 24   | 5640                     | 32 | 1   | 79,00                |
| 871231800-12             | 1800 | 12   | 6800                     | 32 | 1   | 82,00                |
| 871232000-12             | 2000 | 12   | 7500                     | 32 | 1   | 108,00               |
| 871232000-24             | 2000 | 24   | 7500                     | 32 | 1   | 112,00               |



**Elektrische Luftpumpe**

Electric air pump / Pompe à air, 12 Volt

**8705**

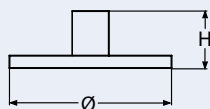
| Bestell-Nr.<br>Order no. | Adapter | Volt | Watt | Box | *€/Stück<br>*€/piece |
|--------------------------|---------|------|------|-----|----------------------|
| 8705312                  | 3       | 12   | 120  | 1   | 30,30                |



8726

## Kabeldecksdurchführung, Messing, verchromt

Cable outlet, brass, chrome plated / Passe câble

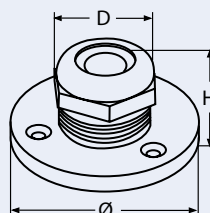


| Bestell-Nr.<br>Order no. | Kabel-Ø<br>Cable-Ø | Ø  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------|----|----|-----|----------------------|
| 8726706                  | 6                  | 32 | 15 | 5   | 7,20                 |
| 8726708                  | 8                  | 32 | 15 | 5   | 7,20                 |
| 8726710                  | 10                 | 38 | 20 | 5   | 9,20                 |
| 8726712                  | 12                 | 38 | 20 | 5   | 9,20                 |

814059

## Kabeldecksdurchführung / A4 AISI 316

Cable outlet / Sortie de câble



| Bestell-Nr.<br>Order no. | Kabel-Ø<br>Cable-Ø | D  | Ø  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|--------------------|----|----|----|-----|----------------------|
| 814059404_11             | 4-11               | 22 | 49 | 21 | 1   | 32,70                |
| 814059412_20             | 12-20              | 32 | 62 | 28 | 1   | 35,50                |

8721

## Wasserfilter

Water filter / Filtre à eau



| Bestell-Nr.<br>Order no. | Schlauch<br>Hose | Gewinde<br>Thread | Filter<br>Filter | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------|-------------------|------------------|-----|----------------------|
| 87213-13GROB             | 13               | -                 | Grob/Coarse      | 1   | 13,30                |
| 87213-19GROB             | 19               | -                 | Grob/Coarse      | 1   | 13,30                |
| 87213-13FEIN             | -                | 3/4               | Fein/Fine        | 1   | 13,30                |

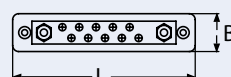
8690

## Klemmleisten

Copper bus bar / Barre de cuivre omnibus



| Bestell-Nr.<br>Order no. | Anschlüsse<br>Connections | L   | B  | Ampere | Box | *€/Stück<br>*€/piece |
|--------------------------|---------------------------|-----|----|--------|-----|----------------------|
| 8690110_31               | 10                        | 150 | 31 | 150    | 1   | 22,40                |
| 8690120_31               | 20                        | 228 | 31 | 150    | 1   | 30,40                |

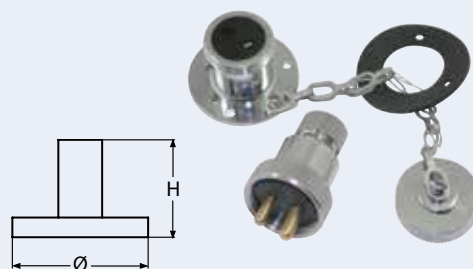


**Steckverbindung, Messing, verchromt, wasserdicht**

Deck connector, brass, chrome plated, water resistant / Prise de pont étanché

**8727**

| Bestell-Nr.<br>Order no. | Pole | Ampere | Volt | Ø  | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|------|--------|------|----|----|-----|----------------------|
| 872772-3                 | 2    | 3      | 12   | 38 | 55 | 1   | 23,20                |
| 872773-3                 | 3    | 3      | 12   | 38 | 55 | 1   | 26,20                |
| 872774-3                 | 4    | 3      | 12   | 38 | 55 | 1   | 26,50                |
| 872772-5                 | 2    | 5      | 12   | 45 | 65 | 1   | 32,50                |
| 872773-5                 | 3    | 5      | 12   | 45 | 65 | 1   | 33,20                |
| 872774-5                 | 4    | 5      | 12   | 45 | 65 | 1   | 35,60                |



**NEW**

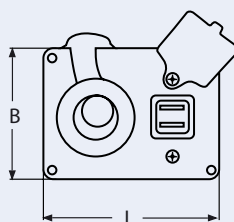
**Panel mit 12 Volt Steckdose und 2 USB-Anschlüssen, wettergeschützt**

Panel with 12 V socket and 2 USB ports, weatherproof / \*

**814770**

| Bestell-Nr.<br>Order no. | L  | B  | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|----|----|------|-----|----------------------|
| 814770081_62             | 81 | 62 | 12   | 1   | 26,00                |

\* Panneau avec prise électrique 12 Volts + 2 ports USB, impénétrable



**12 Volt 3-Wege Abzweig / Plastik**

12 Volt 3-way adapter / Prise allume cigare triple 12 Volt en plastique

**814393**

| Bestell-Nr.<br>Order no. | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|------|-----|----------------------|
| 814393312                | 12   | 1   | 18,00                |



**12 Volt Steckdose mit LED-Indikator / Plastik**

12 Volt socket with LED indicator / \*\*

**814394**

| Bestell-Nr.<br>Order no. | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|------|-----|----------------------|
| 814394312                | 12   | 1   | 13,50                |

\*\* Prise encastrée pour fiches allume cigare avec fiche simple 12 Volt avec voyant lumineux en plastique



814395

## 12 Volt Steckdose / A2-AISI 304

12 Volt socket / Prise encastrée pour fiches allume cigare 12 Volt



| Bestell-Nr.<br>Order no. | Volt | Box | *€/Stück<br>*€/piece |
|--------------------------|------|-----|----------------------|
| 814395212                | 12   | 1   | 14,80                |

814192

## 12 Volt Steckdose / Plastik

12 Volt socket / Prise encastrée pour fiches allume cigare 12 Volt



| Bestell-Nr.<br>Order no. | H  | Box | *€/Stück<br>*€/piece |
|--------------------------|----|-----|----------------------|
| 814192380                | 80 | 1   | 12,80                |

814042

## Marine Batterie Schnellverbinder

Marine battery quick connectors / Raccords rapides pour batteries marines



| Bestell-Nr.<br>Order no. | Max. Ampere | Box | *€/Stück<br>*€/piece |
|--------------------------|-------------|-----|----------------------|
| 8140424800               | 800         | 2   | 10,00                |

Geeignet für alle SAE-Batterien, DIN-, Marine-, Auto- und Bootsbatterien.

Fits for all SAE-batteries and DIN, marine batteries, car batteries, and deep-cycle batteries.

814308

## Bronze Batterie Verbindung

Bronze battery connection / Colliers de batteries en bronze



| Bestell-Nr.<br>Order no. | Gewindelänge<br>Length of thread | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------------|-----|----------------------|
| 8143082                  | 16                               | 2   | 12,80                |



**Flachstecksicherung**

Flat connector fuse/ Fusibles enfichables

**8735**

| Bestell-Nr.<br>Order no. | Ampere | Box | *€/Stück<br>*€/piece |
|--------------------------|--------|-----|----------------------|
| 8735303                  | 3      | 100 | 0,18                 |
| 8735305                  | 5      | 100 | 0,18                 |
| 8735310                  | 10     | 100 | 0,18                 |
| 8735315                  | 15     | 100 | 0,18                 |
| 8735320                  | 20     | 100 | 0,18                 |
| 8735325                  | 25     | 100 | 0,18                 |
| 8735330                  | 30     | 100 | 0,18                 |



**Visaton Breitbandlautsprecher zur Außenmontage, 60 Watt**

Visaton wide range speaker for outdoor mounting, 60 Watt / Visaton - haut parleur montage extérieur

**8874**

| Bestell-Nr.<br>Order no. | Ø   | Watt | Übertragung | Farbe<br>Colour | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|-------------|-----------------|-----|----------------------|
| 88743604W                | 130 | 60   | 4 Ohm       | Weiß/White      | 1   | 38,10                |
| 88743604S                | 130 | 60   | 4 Ohm       | Schwarz/Black   | 1   | 38,10                |

Seewasserbeständiger Breitbandlautsprecher, UV-beständig und bruchsicher. Optimal für den Außeneinbau auf Booten.  
Seawaterproof wide range speaker, UV-resistant and breakproof, optimal for outer mounting on boats.

**VISATON** GERMANY



**Visaton Breitbandlautsprecher zur Außenmontage, 80 Watt**

Visaton wide range speaker for outdoor mounting, 80 Watt / Visaton - haut parleur montage extérieur

**8875**

| Bestell-Nr.<br>Order no. | Ø   | Watt | Übertragung | Farbe<br>Colour | Box | *€/Stück<br>*€/piece |
|--------------------------|-----|------|-------------|-----------------|-----|----------------------|
| 88753804W                | 160 | 80   | 4 Ohm       | Weiß/White      | 1   | 46,70                |
| 88753804S                | 160 | 80   | 4 Ohm       | Schwarz/Black   | 1   | 46,70                |

Seewasserbeständiger Breitbandlautsprecher, UV-beständig und bruchsicher. Optimal für den Außeneinbau auf Booten.  
Seawaterproof wide range speaker, UV-resistant and breakproof, optimal for outer mounting on boats.

**VISATON** GERMANY



**Anti Mücken Liquid, 12 Volt**

Anti mosquito liquid, 12 Volt / Liquide Anti moustique

**814220**

| Bestell-Nr.<br>Order no. |                                    | Box | *€/Stück<br>*€/piece |
|--------------------------|------------------------------------|-----|----------------------|
| 8142203                  |                                    | 5   | 14,00                |
| 814220ERSATZ             | Ersatzflasche / Replacement bottle | 5   | 7,50                 |





Rost- und  
säurebeständige  
Verbindungs-  
elemente und  
Schiffszubehör  
auf Blisterkarten

Corrosion and  
acid resistant  
fasteners and  
nautical  
accessories on  
blister cards

Lochung für sichere  
Befestigung

Perforation for secure  
fastening

Euro-Standard Lochung  
Euro standard pressing

Ausführliche Artikel-  
beschreibung  
mit Artikelnummer

Detailed description  
with article number



EAN-Code  
EAN-Code



Produkte offen auf stabiler  
Blisterkarte sicher befestigt  
Products are safety attached to  
a solid blister card





# Blisterverkaufswand



Das SB-Programm für Ihre Verkaufsausstellung

Zur Erweiterung Ihres Sortiments bieten wir Ihnen eine Vielfalt der bewährten Marinetech-Produkte auf Blisterkarten an. Das SB-Programm reicht von rostfreiem Bootszubehör über Schrauben bis hin zu Tauwerk, Ketten und Drahtseil. Sie stellen sich Ihre Verkaufswand zusammen und wählen die gewünschten Produkte aus unserem Hauptkatalog aus oder erfragen sie bei unseren Verkäufern. Wir liefern Ihnen Ihr SB-Programm komplett fertig konfektioniert mit stabiler offener Blisterkarte inkl. Artikelbeschreibung, Artikelnummer und dem EAN-Code.

The self service program for your sales exhibition

To expand your offers we can provide a variety of approved Marinetech products on blister cards. The self service program reaches from nautical accessories ranges screws to chains, ropes and wire ropes. You arrange your exhibition and we provide products from our catalogue or you may request them directly from our sellers. We deliver the self service program completely assembled with a solid open blister card incl. article description, article number and EAN-code.





# Kapitel 12

## Chapter 12

### Schrauben in SB-Verpackungen

### Screws in self-service packages





# A4-Verkaufsständer

- Exklusiver, drehbarer Verkaufsständer mit einer Grundfläche von nur 1 qm und einer Höhe von 2,20 m
- Exclusive rotating display with a base area of only 1sqm and a height of 2.20 m
- 261 verschiedene und gängige Schraubenabmessungen auf engstem Raum
- 261 different and common screw dimensions displayed
- Keine unterschiedlichen Preisgruppen im EK- und VK-Preis
- No different cost price and sales categories
- EAN-Code auf allen Packungen
- EAN-code on all packages
- Jede Verpackung mit Sichtfenster und Produktabbildung
- Each package with window and product illustration
- Einfache Nachbestellung im 10er-Karton
- Simple repeat order in cartons of 10

**900004SB**

## Das Sortiment besteht aus: The assortment contains:

- |            |           |                           |
|------------|-----------|---------------------------|
| • DIN 963  | • DIN 571 | • DIN 127                 |
| • DIN 964  | • DIN 603 | • DIN 9021                |
| • DIN 84   | • DIN 95  | • DIN 1587                |
| • DIN 7981 | • DIN 97  | • DIN 94                  |
| • DIN 7982 | • DIN 934 | • DIN 315                 |
| • DIN 7983 | • DIN 985 | • DIN 97 (Kupfer-Bronze / |
| • DIN 933  | • DIN 125 | Copper-bronze)            |

### Art.-Nr.

- |      |                                                                          |
|------|--------------------------------------------------------------------------|
| 1001 | Stabdeckschrauben / Marine woodfloor screws                              |
| 1004 | Hülsenmuttern / Case nuts                                                |
| 1005 | Spanplattenschrauben / Chipboard screws                                  |
| 1008 | Scharnierbandschrauben / Hinge tape chipboard screws                     |
| 1011 | Rosetten / Turned full bodies                                            |
| 1014 | Blindnieten / Blind rivets                                               |
| 3001 | Kupferbootsnägel inkl. Nietscheibe / Copper boat nails incl. rivetwasher |
| 7337 | Monell-Blindnieten / Monell blind rivets                                 |

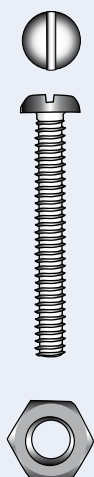


**Ständer komplett bestückt**  
Display completely stocked

**Preis auf Anfrage**  
Price on request



## DIN 84



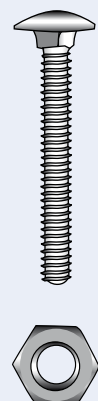
## Blister Pack DIN 84 + DIN 934 / A4-AISI 316

Zylinderschraube mit Schlitz und Mutter

Blister pack DIN 84 + DIN 934, slotted cheese head screw with nut

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9008443__10              | M3 x 10                 | 10              | 10         | 3,05            |
| 9008443__16              | M3 x 16                 | 10              | 10         | 3,05            |
| 9008443__20              | M3 x 20                 | 8               | 10         | 3,05            |
| 9008444__16              | M4 x 16                 | 8               | 10         | 3,05            |
| 9008444__20              | M4 x 20                 | 8               | 10         | 3,05            |
| 9008444__30              | M4 x 30                 | 6               | 10         | 3,05            |
| 9008444__40              | M4 x 40                 | 6               | 10         | 3,05            |
| 9008445__20              | M5 x 20                 | 6               | 10         | 3,05            |
| 9008445__30              | M5 x 30                 | 6               | 10         | 3,05            |
| 9008445__40              | M5 x 40                 | 4               | 10         | 3,05            |
| 9008445__50              | M5 x 50                 | 4               | 10         | 3,05            |
| 9008446__20              | M6 x 20                 | 4               | 10         | 3,05            |
| 9008446__30              | M6 x 30                 | 4               | 10         | 3,05            |
| 9008446__40              | M6 x 40                 | 4               | 10         | 3,05            |
| 9008446__60              | M6 x 60                 | 4               | 10         | 3,05            |
| 9008448__60              | M8 x 60                 | 2               | 10         | 3,05            |
| 9008448__80              | M8 x 80                 | 2               | 10         | 3,05            |
| 9008448__100             | M8 x 100                | 2               | 10         | 3,05            |

## DIN 603



## Blister Pack DIN 603 + DIN 934 / A4-AISI 316

Flachrundschaube mit Vierkantansatz und Mutter

Blister pack DIN 603 + DIN 934, mushroom head square neck bolt with nut

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9060346__25              | 6 x 25                  | 4               | 10         | 3,05            |
| 9060346__30              | 6 x 30                  | 4               | 10         | 3,05            |
| 9060346__40              | 6 x 40                  | 4               | 10         | 3,05            |
| 9060346__50              | 6 x 50                  | 4               | 10         | 3,05            |
| 9060346__60              | 6 x 60                  | 2               | 10         | 3,05            |
| 9060348__40              | 8 x 40                  | 2               | 10         | 3,05            |
| 9060348__60              | 8 x 60                  | 2               | 10         | 3,05            |
| 9060348__70              | 8 x 70                  | 2               | 10         | 3,05            |
| 9060348__80              | 8 x 80                  | 2               | 10         | 3,05            |





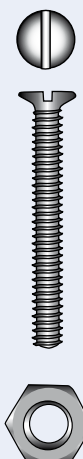
## Blister Pack DIN 963 + DIN 934 / A4-AISI 316

Senkschraube mit Schlitz und Mutter

Blister pack DIN 963 + DIN 934, slotted countersunk head screw with nut

## DIN 963

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9096343_10               | 3 x 10                  | 10              | 10         | 3,05            |
| 9096343_16               | 3 x 16                  | 10              | 10         | 3,05            |
| 9096343_20               | 3 x 20                  | 8               | 10         | 3,05            |
| 9096344_16               | 4 x 16                  | 8               | 10         | 3,05            |
| 9096344_20               | 4 x 20                  | 8               | 10         | 3,05            |
| 9096344_30               | 4 x 30                  | 6               | 10         | 3,05            |
| 9096344_40               | 4 x 40                  | 6               | 10         | 3,05            |
| 9096345_16               | 5 x 16                  | 6               | 10         | 3,05            |
| 9096345_20               | 5 x 20                  | 6               | 10         | 3,05            |
| 9096345_30               | 5 x 30                  | 6               | 10         | 3,05            |
| 9096345_40               | 5 x 40                  | 6               | 10         | 3,05            |
| 9096345_50               | 5 x 50                  | 4               | 10         | 3,05            |
| 9096346_20               | 6 x 20                  | 4               | 10         | 3,05            |
| 9096346_30               | 6 x 30                  | 4               | 10         | 3,05            |
| 9096346_40               | 6 x 40                  | 4               | 10         | 3,05            |
| 9096346_50               | 6 x 50                  | 4               | 10         | 3,05            |
| 9096346_60               | 6 x 60                  | 4               | 10         | 3,05            |
| 9096348_60               | 8 x 60                  | 2               | 10         | 3,05            |
| 9096348_80               | 8 x 80                  | 2               | 10         | 3,05            |
| 9096348_100              | 8 x 100                 | 2               | 10         | 3,05            |



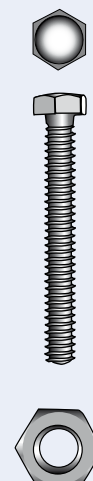
## Blister Pack DIN 933 + DIN 934 / A4-AISI 316

Sechskant-Gewindeschraube mit Mutter

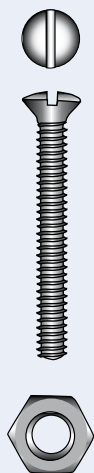
Blister pack DIN 933 + DIN 934, hexagon head screws

## DIN 933

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9093345_16               | 5 x 16                  | 8               | 10         | 3,05            |
| 9093345_20               | 5 x 20                  | 8               | 10         | 3,05            |
| 9093345_25               | 5 x 25                  | 6               | 10         | 3,05            |
| 9093345_30               | 5 x 30                  | 6               | 10         | 3,05            |
| 9093345_40               | 5 x 40                  | 6               | 10         | 3,05            |
| 9093345_50               | 5 x 50                  | 4               | 10         | 3,05            |
| 9093346_20               | 6 x 20                  | 6               | 10         | 3,05            |
| 9093346_25               | 6 x 25                  | 6               | 10         | 3,05            |
| 9093346_30               | 6 x 30                  | 4               | 10         | 3,05            |
| 9093346_40               | 6 x 40                  | 4               | 10         | 3,05            |
| 9093346_60               | 6 x 60                  | 4               | 10         | 3,05            |
| 9093348_30               | 8 x 30                  | 4               | 10         | 3,05            |
| 9093348_40               | 8 x 40                  | 4               | 10         | 3,05            |
| 9093348_50               | 8 x 50                  | 2               | 10         | 3,05            |
| 9093348_60               | 8 x 60                  | 2               | 10         | 3,05            |
| 9093348_80               | 8 x 80                  | 2               | 10         | 3,05            |
| 9093348_100              | 8 x 100                 | 2               | 10         | 3,05            |



## DIN 964



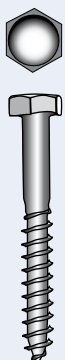
## Blister Pack DIN 964 + DIN 934 / A4-AISI 316

Linsensenkschraube mit Schlitz und Mutter / Blister pack

DIN 964 + DIN 934, slotted raised countersunk head screw with nut

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9096443_10               | 3 x 10                  | 10              | 10         | 3,05            |
| 9096443_16               | 3 x 16                  | 10              | 10         | 3,05            |
| 9096443_20               | 3 x 20                  | 8               | 10         | 3,05            |
| 9096444_16               | 4 x 16                  | 8               | 10         | 3,05            |
| 9096444_20               | 4 x 20                  | 8               | 10         | 3,05            |
| 9096444_30               | 4 x 30                  | 6               | 10         | 3,05            |
| 9096444_40               | 4 x 40                  | 6               | 10         | 3,05            |
| 9096445_16               | 5 x 16                  | 6               | 10         | 3,05            |
| 9096445_20               | 5 x 20                  | 4               | 10         | 3,05            |
| 9096445_30               | 5 x 30                  | 4               | 10         | 3,05            |
| 9096445_40               | 5 x 40                  | 4               | 10         | 3,05            |
| 9096445_50               | 5 x 50                  | 4               | 10         | 3,05            |
| 9096446_20               | 6 x 20                  | 4               | 10         | 3,05            |
| 9096446_30               | 6 x 30                  | 4               | 10         | 3,05            |
| 9096446_40               | 6 x 40                  | 4               | 10         | 3,05            |
| 9096446_50               | 6 x 50                  | 4               | 10         | 3,05            |
| 9096446_60               | 6 x 60                  | 4               | 10         | 3,05            |
| 9096448_60               | 8 x 60                  | 2               | 10         | 3,05            |
| 9096448_80               | 8 x 80                  | 2               | 10         | 3,05            |
| 9096448_100              | 8 x 100                 | 2               | 10         | 3,05            |

## DIN 571



## Blister Pack DIN 571 / A4-AISI 316

Sechskant-Holzschraube

Blister pack DIN 571, hexagon head wood screw

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9057146_50               | 6 x 50                  | 4               | 10         | 3,05            |
| 9057146_60               | 6 x 60                  | 4               | 10         | 3,05            |
| 9057146_70               | 6 x 70                  | 2               | 10         | 3,05            |
| 9057146_80               | 6 x 80                  | 2               | 10         | 3,05            |
| 9057148_60               | 8 x 60                  | 2               | 10         | 3,05            |
| 9057148_70               | 8 x 70                  | 2               | 10         | 3,05            |
| 9057148_80               | 8 x 80                  | 2               | 10         | 3,05            |

Art.Nr.  
7337

## Blister Pack Art.-Nr. 7337

Monell-Blindniete

Blister pack art. no. 7337, monell blind rivet

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 97337932_105             | 3,2 x 10,5              | 5               | 10         | 3,05            |
| 9733794_114              | 4 x 11,4                | 4               | 10         | 3,05            |
| 97337948_19              | 4,8 x 19                | 2               | 10         | 3,05            |





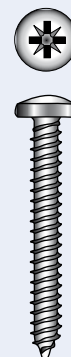


## Blister Pack DIN 7981 / A4-AISI 316 Blechschaube, Linsenkopf

Blister pack DIN 7981, cross recessed tapping screw, pan head

## DIN 7981

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 97981429_95              | 2,9 x 9,5               | 20              | 10         | 3,05            |
| 97981429_13              | 2,9 x 13                | 20              | 10         | 3,05            |
| 97981429_16              | 2,9 x 16                | 20              | 10         | 3,05            |
| 97981435_13              | 3,5 x 13                | 15              | 10         | 3,05            |
| 97981435_16              | 3,5 x 16                | 12              | 10         | 3,05            |
| 97981435_19              | 3,5 x 19                | 12              | 10         | 3,05            |
| 97981435_25              | 3,5 x 25                | 12              | 10         | 3,05            |
| 97981442_13              | 4,2 x 13                | 12              | 10         | 3,05            |
| 97981442_16              | 4,2 x 16                | 12              | 10         | 3,05            |
| 97981442_19              | 4,2 x 19                | 12              | 10         | 3,05            |
| 97981442_25              | 4,2 x 25                | 10              | 10         | 3,05            |
| 97981442_32              | 4,2 x 32                | 10              | 10         | 3,05            |
| 97981448_13              | 4,8 x 13                | 10              | 10         | 3,05            |
| 97981448_19              | 4,8 x 19                | 10              | 10         | 3,05            |
| 97981448_25              | 4,8 x 25                | 10              | 10         | 3,05            |
| 97981448_32              | 4,8 x 32                | 6               | 10         | 3,05            |
| 97981455_16              | 5,5 x 16                | 6               | 10         | 3,05            |
| 97981455_25              | 5,5 x 25                | 6               | 10         | 3,05            |
| 97981455_32              | 5,5 x 32                | 6               | 10         | 3,05            |
| 97981455_38              | 5,5 x 38                | 6               | 10         | 3,05            |

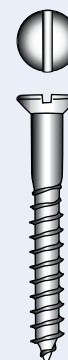


## Blister Pack DIN 97 / A4-AISI 316 Senk-Holzschraube mit Schlitz

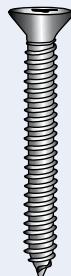
Blister pack DIN 97, slotted countersunk head wood screw

## DIN 97

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9009743_12               | 3,0 x 12                | 10              | 10         | 3,05            |
| 9009743_16               | 3,0 x 16                | 10              | 10         | 3,05            |
| 9009743_20               | 3,0 x 20                | 10              | 10         | 3,05            |
| 9009743_25               | 3,0 x 25                | 8               | 10         | 3,05            |
| 9009743_30               | 3,0 x 30                | 8               | 10         | 3,05            |
| 9009744_20               | 4,0 x 20                | 8               | 10         | 3,05            |
| 9009744_30               | 4,0 x 30                | 6               | 10         | 3,05            |
| 9009744_40               | 4,0 x 40                | 6               | 10         | 3,05            |
| 9009744_50               | 4,0 x 50                | 6               | 10         | 3,05            |
| 9009745_30               | 5,0 x 30                | 4               | 10         | 3,05            |
| 9009745_40               | 5,0 x 40                | 4               | 10         | 3,05            |
| 9009745_50               | 5,0 x 50                | 4               | 10         | 3,05            |
| 9009745_60               | 5,0 x 60                | 4               | 10         | 3,05            |
| 9009746_60               | 6,0 x 60                | 2               | 10         | 3,05            |
| 9009746_70               | 6,0 x 70                | 2               | 10         | 3,05            |



## DIN 7982



## Blister Pack DIN 7982 / A4-AISI 316

Blechschaube, Senkkopf / Blister pack DIN 7982,  
cross recessed tapping screw, countersunk head

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 97982429_95              | 2,9 x 9,5               | 20              | 10         | 3,05            |
| 97982429_13              | 2,9 x 13                | 20              | 10         | 3,05            |
| 97982429_16              | 2,9 x 16                | 20              | 10         | 3,05            |
| 97982435_13              | 3,5 x 13                | 15              | 10         | 3,05            |
| 97982435_16              | 3,5 x 16                | 12              | 10         | 3,05            |
| 97982435_19              | 3,5 x 19                | 12              | 10         | 3,05            |
| 97982435_25              | 3,5 x 25                | 12              | 10         | 3,05            |
| 97982442_13              | 4,2 x 13                | 12              | 10         | 3,05            |
| 97982442_16              | 4,2 x 16                | 12              | 10         | 3,05            |
| 97982442_19              | 4,2 x 19                | 12              | 10         | 3,05            |
| 97982442_25              | 4,2 x 25                | 10              | 10         | 3,05            |
| 97982442_32              | 4,2 x 32                | 10              | 10         | 3,05            |
| 97982448_13              | 4,8 x 13                | 10              | 10         | 3,05            |
| 97982448_19              | 4,8 x 19                | 10              | 10         | 3,05            |
| 97982448_25              | 4,8 x 25                | 10              | 10         | 3,05            |
| 97982448_32              | 4,8 x 32                | 6               | 10         | 3,05            |
| 97982455_16              | 5,5 x 16                | 6               | 10         | 3,05            |
| 97982455_25              | 5,5 x 25                | 6               | 10         | 3,05            |
| 97982455_32              | 5,5 x 32                | 6               | 10         | 3,05            |
| 97982455_38              | 5,5 x 38                | 6               | 10         | 3,05            |



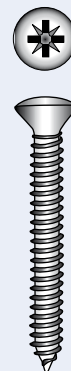




**Blister Pack DIN 7983 / A4-AISI 316**  
Blechschaube, Linsensenkkopf / Blister pack DIN 7983,  
cross recessed tapping screw, raised countersunk head

## DIN 7983

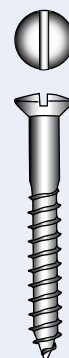
| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 97983429_95              | 2,9 x 9,5               | 20              | 10         | 3,05            |
| 97983429_13              | 2,9 x 13                | 20              | 10         | 3,05            |
| 97983429_16              | 2,9 x 16                | 20              | 10         | 3,05            |
| 97983435_13              | 3,5 x 13                | 15              | 10         | 3,05            |
| 97983435_16              | 3,5 x 16                | 12              | 10         | 3,05            |
| 97983435_19              | 3,5 x 19                | 12              | 10         | 3,05            |
| 97983435_25              | 3,5 x 25                | 12              | 10         | 3,05            |
| 97983442_13              | 4,2 x 13                | 12              | 10         | 3,05            |
| 97983442_16              | 4,2 x 16                | 12              | 10         | 3,05            |
| 97983442_19              | 4,2 x 19                | 12              | 10         | 3,05            |
| 97983442_25              | 4,2 x 25                | 10              | 10         | 3,05            |
| 97983442_32              | 4,2 x 32                | 10              | 10         | 3,05            |
| 97983448_13              | 4,8 x 13                | 10              | 10         | 3,05            |
| 97983448_19              | 4,8 x 19                | 10              | 10         | 3,05            |
| 97983448_25              | 4,8 x 25                | 10              | 10         | 3,05            |
| 97983448_32              | 4,8 x 32                | 6               | 10         | 3,05            |
| 97983455_16              | 5,5 x 16                | 6               | 10         | 3,05            |
| 97983455_25              | 5,5 x 25                | 6               | 10         | 3,05            |
| 97983455_32              | 5,5 x 32                | 6               | 10         | 3,05            |
| 97983455_38              | 5,5 x 38                | 6               | 10         | 3,05            |



**Blister Pack DIN 95 / A4-AISI 316**  
Linsensenk-Holzschraube mit Schlitz / Blister pack DIN 95,  
slotted raised countersunk head wood screw

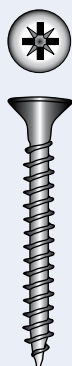
## DIN 95

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 90095425_12              | 2,5 x 12                | 10              | 10         | 3,05            |
| 90095425_16              | 2,5 x 16                | 10              | 10         | 3,05            |
| 90095430_12              | 3,0 x 12                | 10              | 10         | 3,05            |
| 90095430_16              | 3,0 x 16                | 10              | 10         | 3,05            |
| 90095430_20              | 3,0 x 20                | 10              | 10         | 3,05            |
| 90095430_25              | 3,0 x 25                | 8               | 10         | 3,05            |
| 90095430_30              | 3,0 x 30                | 8               | 10         | 3,05            |
| 90095440_20              | 4,0 x 20                | 8               | 10         | 3,05            |
| 90095440_30              | 4,0 x 30                | 6               | 10         | 3,05            |
| 90095440_40              | 4,0 x 40                | 6               | 10         | 3,05            |
| 90095440_50              | 4,0 x 50                | 4               | 10         | 3,05            |
| 90095450_30              | 5,0 x 30                | 4               | 10         | 3,05            |
| 90095450_40              | 5,0 x 40                | 4               | 10         | 3,05            |
| 90095450_50              | 5,0 x 50                | 4               | 10         | 3,05            |
| 90095450_60              | 5,0 x 60                | 4               | 10         | 3,05            |
| 90095460_60              | 6,0 x 60                | 2               | 10         | 3,05            |
| 90095460_70              | 6,0 x 70                | 2               | 10         | 3,05            |



Art.-Nr.  
1005

**Blister Pack Art.-Nr. 1005 / A4-AISI 316**  
Spanplattenschraube Senkkopf mit Pozidrive-Kreuzschlitz  
(gleitbeschichtet) / Blister pack art. no. 1005, \*\*



| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 91005430_20              | 3,0 x 20                | 10              | 10         | 3,05            |
| 91005430_30              | 3,0 x 30                | 8               | 10         | 3,05            |
| 91005440_30              | 4,0 x 30                | 8               | 10         | 3,05            |
| 91005440_40              | 4,0 x 40                | 6               | 10         | 3,05            |
| 91005450_40              | 5,0 x 40                | 4               | 10         | 3,05            |
| 91005450_50              | 5,0 x 50                | 4               | 10         | 3,05            |
| 91005460_60              | 6,0 x 60                | 2               | 10         | 3,05            |

\*\* countersunk head cross recessed chipboard screw (pozidrive)

Art.-Nr.  
1001

**Blister Pack Art.-Nr. 1001 / A4-AISI 316**  
Stabdeckschraube mit TORX-Antrieb, Flachsenkkopf  
Blister pack art. no. 1001, \*\*



| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 910014T48_19             | 4,8 x 19                | 15              | 10         | 3,05            |

\*\* marine-woodfloor-screw with TORX-drive

## DIN 125

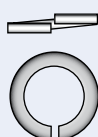
**Blister Pack DIN 125 / A4-AISI 316**  
Unterlegscheibe  
Blister pack DIN 125, washer



| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 90125432                 | 3,2                     | 20              | 10         | 3,05            |
| 90125443                 | 4,3                     | 20              | 10         | 3,05            |
| 90125453                 | 5,3                     | 20              | 10         | 3,05            |
| 90125464                 | 6,4                     | 20              | 10         | 3,05            |
| 90125484                 | 8,4                     | 20              | 10         | 3,05            |

## DIN 127

**Blister Pack DIN 127 / A4-AISI 316**  
Federring  
Blister pack DIN 127, spring lock washer



| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9012743                  | 3                       | 20              | 10         | 3,05            |
| 9012744                  | 4                       | 20              | 10         | 3,05            |
| 9012745                  | 5                       | 20              | 10         | 3,05            |
| 9012746                  | 6                       | 20              | 10         | 3,05            |
| 9012748                  | 8                       | 20              | 10         | 3,05            |



## Blister Pack DIN 315 / A4-AISI 316 Flügelmutter Blister pack DIN 315, wing nut

### DIN 315

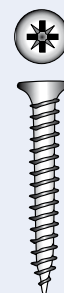
| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9031543                  | M3                      | 4               | 10         | 3,05            |
| 9031544                  | M4                      | 4               | 10         | 3,05            |
| 9031545                  | M5                      | 4               | 10         | 3,05            |
| 9031546                  | M6                      | 2               | 10         | 3,05            |
| 9031548                  | M8                      | 2               | 10         | 3,05            |



## Blister Pack Art.-Nr. 1008 / A4-AISI 316 Scharnierbandschraube, 5 mm Kopf / Blister pack art. no. 1008, hinge tape chipboard screw, head 5 mm

### Art.-Nr. 1008

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9100843_12               | 3,0 x 12                | 10              | 10         | 3,05            |
| 9100843_16               | 3,0 x 16                | 10              | 10         | 3,05            |
| 9100843_20               | 3,0 x 20                | 10              | 10         | 3,05            |



## Blister Pack DIN 985 / A4-AISI 316 Poly-Stopmutter Blister pack DIN 985, evailing torque type hexagon nut

### DIN 985

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9098543                  | M3                      | 6               | 10         | 3,05            |
| 9098544                  | M4                      | 6               | 10         | 3,05            |
| 9098545                  | M5                      | 6               | 10         | 3,05            |
| 9098546                  | M6                      | 4               | 10         | 3,05            |
| 9098548                  | M8                      | 4               | 10         | 3,05            |



## Blister Pack DIN 9021 / A4-AISI 316 Unterlegscheibe, groß Blister pack DIN 9021, washer, large

### DIN 9021

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 99021432                 | 3,2                     | 20              | 10         | 3,05            |
| 99021443                 | 4,3                     | 20              | 10         | 3,05            |
| 99021453                 | 5,3                     | 20              | 10         | 3,05            |
| 99021464                 | 6,4                     | 20              | 10         | 3,05            |
| 99021484                 | 8,4                     | 10              | 10         | 3,05            |





## DIN 1587

## Blister Pack DIN 1587 / A4-AISI 316

Hutmutter

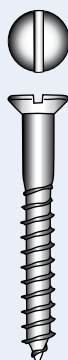
Blister pack DIN 1587, dome cap nut



| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9158743                  | M3                      | 4               | 10         | 3,05            |
| 9158744                  | M4                      | 4               | 10         | 3,05            |
| 9158745                  | M5                      | 4               | 10         | 3,05            |
| 9158746                  | M6                      | 3               | 10         | 3,05            |
| 9158748                  | M8                      | 3               | 10         | 3,05            |

## DIN 97

## Blister Pack DIN 97 / Bronze

Bronze-Holzschraube, Senkkopf / Blister pack DIN 97,  
lotted head wood screw, bronze, countersunk head

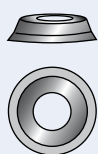
| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9009713__20              | 3 x 20                  | 8               | 10         | 3,05            |
| 9009714__40              | 4 x 40                  | 6               | 10         | 3,05            |
| 9009715__50              | 5 x 50                  | 4               | 10         | 3,05            |
| 9009716__60              | 6 x 60                  | 2               | 10         | 3,05            |

Art.-Nr.  
1011

## Blister Pack Art.-Nr. 1011 / A4-AISI 316

Rosette, aus Vollmaterial, gedreht

Blister pack art. no. 1011, rosette turned full body



| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9101143                  | M3                      | 5               | 10         | 3,05            |
| 9101144                  | M4                      | 4               | 10         | 3,05            |
| 9101145                  | M5                      | 4               | 10         | 3,05            |
| 9101146                  | M6                      | 3               | 10         | 3,05            |
| 9101148                  | M8                      | 2               | 10         | 3,05            |

## DIN 94

## Blister Pack DIN 94 / A4-AISI 316

Splint

Blister pack DIN 94, splint pin



| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 90094420_20              | 2,0 x 20                | 12              | 10         | 3,05            |
| 90094425_20              | 2,5 x 20                | 10              | 10         | 3,05            |
| 90094432_25              | 3,2 x 25                | 8               | 10         | 3,05            |
| 90094432_40              | 3,2 x 40                | 6               | 10         | 3,05            |
| 90094440_50              | 4,0 x 50                | 4               | 10         | 3,05            |



Blister Pack Art.-Nr. 3001 / Kupfer  
Bootsnagel inkl. Nietscheibe

Blister pack art. no. 3001, copper boat nail, incl. rivet washer

Art.-Nr.  
3001

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK* |
|--------------------------|-------------------------|-----------------|------------|--------------|
| 9300112_25               | 2 x 25                  | 20              | 10         | 3,05         |
| 93001127_32              | 2,7 x 32                | 10              | 10         | 3,05         |
| 93001132_38              | 3,2 x 38                | 6               | 10         | 3,05         |
| 9300114_70               | 4 x 70                  | 3               | 10         | 3,05         |

Blister Pack DIN 934 / A4-AISI 316  
Sechskantmutter

Blister pack DIN 934, hexagon nut

DIN 934

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9093443                  | M3                      | 15              | 10         | 3,05            |
| 9093444                  | M4                      | 15              | 10         | 3,05            |
| 9093445                  | M5                      | 15              | 10         | 3,05            |
| 9093446                  | M6                      | 10              | 10         | 3,05            |
| 9093448                  | M8                      | 5               | 10         | 3,05            |



## Blister Pack Art.-Nr. 1004 / A4-AISI 316

Hülsenmutter mit Linsensenkkopf und Schlitz / Blister pack  
art. no. 1004, raised countersunk head sleeve nuts with slotArt.-Nr.  
1004

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9100424                  | M4                      | 4               | 10         | 3,05            |
| 9100425                  | M5                      | 4               | 10         | 3,05            |
| 9100426                  | M6                      | 3               | 10         | 3,05            |
| 9100428                  | M8                      | 2               | 10         | 3,05            |

Blister Pack Art.-Nr. 1014 / A2-AISI 304  
Blindniete

Blister pack art. no. 1014, blind rivet

Art.-Nr.  
1014

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A4* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 9101423_12               | 3 x 12                  | 5               | 10         | 2,35            |
| 9101424_16               | 4 x 16                  | 4               | 10         | 2,35            |
| 9101424_18               | 4 x 18                  | 4               | 10         | 2,35            |
| 9101425_20               | 5 x 20                  | 2               | 10         | 2,35            |
| 9101425_25               | 5 x 25                  | 2               | 10         | 2,35            |
| 91014264_20              | 6,4 x 20                | 1               | 10         | 2,35            |
| 91014264_25              | 6,4 x 25                | 1               | 10         | 2,35            |





# A2-Verkaufsständer



- Exklusiver, drehbarer Verkaufsständer mit einer Grundfläche von nur 1 qm und einer Höhe von 2,20 m
- Exclusive rotating display with a base area of only 1sqm and a height of 2.20 m
- 246 verschiedene und gängige Schraubenabmessungen auf engstem Raum
- 246 different and common screw dimensions displayed
- Keine unterschiedlichen Preisgruppen im EK- und VK-Preis
- No different cost price and sales categories
- EAN-Code auf allen Packungen
- EAN-code on all packages
- Jede Verpackung mit Sichtfenster und Produktabbildung
- Each package with window and product illustration
- Einfache Nachbestellung im 10er-Karton
- Simple repeat order in cartons of 10

**800004SB**

## Das Sortiment besteht aus: The assortment contains:

- |            |           |            |
|------------|-----------|------------|
| • DIN 963  | • DIN 571 | • DIN 127  |
| • DIN 964  | • DIN 603 | • DIN 9021 |
| • DIN 84   | • DIN 95  | • DIN 1587 |
| • DIN 7981 | • DIN 97  | • DIN 94   |
| • DIN 7982 | • DIN 934 | • DIN 315  |
| • DIN 7983 | • DIN 985 |            |
| • DIN 933  | • DIN 125 |            |

### Art.-Nr.

- |      |                                         |
|------|-----------------------------------------|
| 1004 | Hülsenmuttern / Case nuts               |
| 1005 | Spanplattenschrauben / Chipboard screws |
| 1011 | Rosetten / Turned full bodies           |
| 1014 | Blindnieten / Blind rivets              |

**Ständer komplett bestückt**  
Display completely stocked

**Preis auf Anfrage**  
Price on request

## Blister Pack DIN 84 + DIN 934 / A2-AISI 304

Zylinderschraube mit Schlitz und Mutter

Blister pack DIN 84 + DIN 934, slotted cheese head screw with nut

## DIN 84

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8008423_10               | M3 x 10                 | 10              | 10         | 2,35            |
| 8008423_16               | M3 x 16                 | 10              | 10         | 2,35            |
| 8008423_20               | M3 x 20                 | 8               | 10         | 2,35            |
| 8008424_16               | M4 x 16                 | 8               | 10         | 2,35            |
| 8008424_20               | M4 x 20                 | 8               | 10         | 2,35            |
| 8008424_30               | M4 x 30                 | 6               | 10         | 2,35            |
| 8008424_40               | M4 x 40                 | 6               | 10         | 2,35            |
| 8008425_20               | M5 x 20                 | 6               | 10         | 2,35            |
| 8008425_30               | M5 x 30                 | 6               | 10         | 2,35            |
| 8008425_40               | M5 x 40                 | 4               | 10         | 2,35            |
| 8008425_50               | M5 x 50                 | 4               | 10         | 2,35            |
| 8008426_20               | M6 x 20                 | 4               | 10         | 2,35            |
| 8008426_30               | M6 x 30                 | 4               | 10         | 2,35            |
| 8008426_40               | M6 x 40                 | 4               | 10         | 2,35            |
| 8008426_60               | M6 x 60                 | 4               | 10         | 2,35            |
| 8008428_60               | M8 x 60                 | 2               | 10         | 2,35            |
| 8008428_80               | M8 x 80                 | 2               | 10         | 2,35            |
| 8008428_100              | M8 x 100                | 2               | 10         | 2,35            |

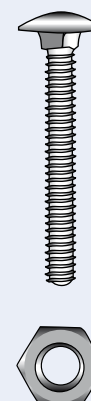


## Blister Pack DIN 603 + DIN 934 / A2-AISI 304

Flachrundschraube mit Vierkantansatz und Mutter / Blister pack DIN 603 + DIN 934, mushroom head square neck bolt with nut

## DIN 603

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8060326_25               | 6 x 25                  | 4               | 10         | 2,35            |
| 8060326_30               | 6 x 30                  | 4               | 10         | 2,35            |
| 8060326_40               | 6 x 40                  | 4               | 10         | 2,35            |
| 8060326_50               | 6 x 50                  | 4               | 10         | 2,35            |
| 8060326_60               | 6 x 60                  | 2               | 10         | 2,35            |
| 8060328_40               | 8 x 40                  | 2               | 10         | 2,35            |
| 8060328_60               | 8 x 60                  | 2               | 10         | 2,35            |
| 8060328_70               | 8 x 70                  | 2               | 10         | 2,35            |
| 8060328_80               | 8 x 80                  | 2               | 10         | 2,35            |

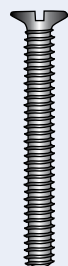


## DIN 963

## Blister Pack DIN 963 + DIN 934 / A2-AISI 304

Senkschraube mit Schlitz und Mutter / Blister pack

DIN 963 + DIN 934, slotted countersunk head screw with nut



| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8096323__10              | 3 x 10                  | 10              | 10         | 2,35            |
| 8096323__16              | 3 x 16                  | 10              | 10         | 2,35            |
| 8096323__20              | 3 x 20                  | 8               | 10         | 2,35            |
| 8096324__16              | 4 x 16                  | 8               | 10         | 2,35            |
| 8096324__20              | 4 x 20                  | 8               | 10         | 2,35            |
| 8096324__30              | 4 x 30                  | 6               | 10         | 2,35            |
| 8096324__40              | 4 x 40                  | 6               | 10         | 2,35            |
| 8096325__16              | 5 x 16                  | 6               | 10         | 2,35            |
| 8096325__20              | 5 x 20                  | 6               | 10         | 2,35            |
| 8096325__30              | 5 x 30                  | 6               | 10         | 2,35            |
| 8096325__40              | 5 x 40                  | 4               | 10         | 2,35            |
| 8096325__50              | 5 x 50                  | 4               | 10         | 2,35            |
| 8096326__20              | 6 x 20                  | 4               | 10         | 2,35            |
| 8096326__30              | 6 x 30                  | 4               | 10         | 2,35            |
| 8096326__40              | 6 x 40                  | 4               | 10         | 2,35            |
| 8096326__50              | 6 x 50                  | 4               | 10         | 2,35            |
| 8096326__60              | 6 x 60                  | 4               | 10         | 2,35            |
| 8096328__60              | 8 x 60                  | 2               | 10         | 2,35            |
| 8096328__80              | 8 x 80                  | 2               | 10         | 2,35            |
| 8096328__100             | 8 x 100                 | 2               | 10         | 2,35            |

## DIN 933

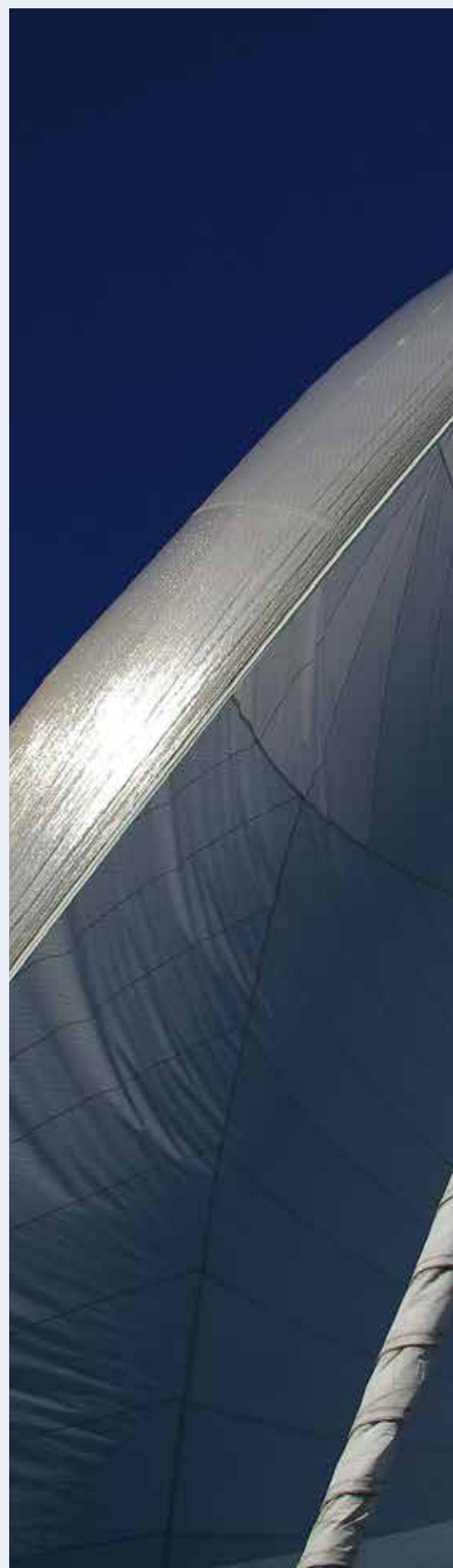
## Blister Pack DIN 933 + DIN 934 / A2-AISI 304

Sechskant-Gewindeschraube mit Mutter

Blister pack DIN 933 + DIN 934, hexagon head bolt



| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8093325__16              | 5 x 16                  | 8               | 10         | 2,35            |
| 8093325__20              | 5 x 20                  | 8               | 10         | 2,35            |
| 8093325__25              | 5 x 25                  | 6               | 10         | 2,35            |
| 8093325__30              | 5 x 30                  | 6               | 10         | 2,35            |
| 8093325__40              | 5 x 40                  | 6               | 10         | 2,35            |
| 8093325__50              | 5 x 50                  | 4               | 10         | 2,35            |
| 8093326__20              | 6 x 20                  | 6               | 10         | 2,35            |
| 8093326__25              | 6 x 25                  | 6               | 10         | 2,35            |
| 8093326__30              | 6 x 30                  | 4               | 10         | 2,35            |
| 8093326__40              | 6 x 40                  | 4               | 10         | 2,35            |
| 8093326__60              | 6 x 60                  | 4               | 10         | 2,35            |
| 8093328__30              | 8 x 30                  | 4               | 10         | 2,35            |
| 8093328__40              | 8 x 40                  | 4               | 10         | 2,35            |
| 8093328__50              | 8 x 50                  | 2               | 10         | 2,35            |
| 8093328__60              | 8 x 60                  | 2               | 10         | 2,35            |
| 8093328__80              | 8 x 80                  | 2               | 10         | 2,35            |
| 8093328__100             | 8 x 100                 | 2               | 10         | 2,35            |

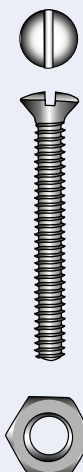




**Blister Pack DIN 964 + DIN 934 / A2-AISI 304**  
Linsensenkschraube mit Schlitz und Mutter / Blister pack  
DIN 964 + DIN 934, slotted raised countersunk head screw with nut

## DIN 964

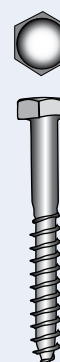
| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8096423__10              | 3 x 10                  | 10              | 10         | 2,35            |
| 8096423__16              | 3 x 16                  | 10              | 10         | 2,35            |
| 8096423__20              | 3 x 20                  | 8               | 10         | 2,35            |
| 8096424__16              | 4 x 16                  | 8               | 10         | 2,35            |
| 8096424__20              | 4 x 20                  | 8               | 10         | 2,35            |
| 8096424__30              | 4 x 30                  | 6               | 10         | 2,35            |
| 8096424__40              | 4 x 40                  | 6               | 10         | 2,35            |
| 8096425__16              | 5 x 16                  | 6               | 10         | 2,35            |
| 8096425__20              | 5 x 20                  | 4               | 10         | 2,35            |
| 8096425__30              | 5 x 30                  | 4               | 10         | 2,35            |
| 8096425__40              | 5 x 40                  | 4               | 10         | 2,35            |
| 8096425__50              | 5 x 50                  | 4               | 10         | 2,35            |
| 8096426__20              | 6 x 20                  | 4               | 10         | 2,35            |
| 8096426__30              | 6 x 30                  | 4               | 10         | 2,35            |
| 8096426__40              | 6 x 40                  | 4               | 10         | 2,35            |
| 8096426__50              | 6 x 50                  | 4               | 10         | 2,35            |
| 8096426__60              | 6 x 60                  | 4               | 10         | 2,35            |
| 8096428__60              | 8 x 60                  | 2               | 10         | 2,35            |
| 8096428__80              | 8 x 80                  | 2               | 10         | 2,35            |
| 8096428__100             | 8 x 100                 | 2               | 10         | 2,35            |



**Blister Pack DIN 571 / A2-AISI 304**  
Sechskant-Holzschraube  
Blister pack DIN 571, hexagon head wood screw

## DIN 571

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8057126__50              | 6 x 50                  | 4               | 10         | 2,35            |
| 8057126__60              | 6 x 60                  | 4               | 10         | 2,35            |
| 8057126__70              | 6 x 70                  | 2               | 10         | 2,35            |
| 8057126__80              | 6 x 80                  | 2               | 10         | 2,35            |
| 8057128__60              | 8 x 60                  | 2               | 10         | 2,35            |
| 8057128__70              | 8 x 70                  | 2               | 10         | 2,35            |
| 8057128__80              | 8 x 80                  | 2               | 10         | 2,35            |



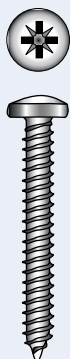


## DIN 7981

## Blister Pack DIN 7981 / A2-AISI 304

Blechschaube, Linsenkopf

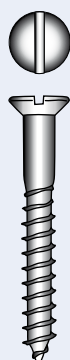
Blister pack DIN 7981, cross recessed tapping screw, pan head



| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 87981229_95              | 2,9 x 9,5               | 20              | 10         | 2,35            |
| 87981229_13              | 2,9 x 13                | 20              | 10         | 2,35            |
| 87981229_16              | 2,9 x 16                | 20              | 10         | 2,35            |
| 87981235_13              | 3,5 x 13                | 15              | 10         | 2,35            |
| 87981235_16              | 3,5 x 16                | 12              | 10         | 2,35            |
| 87891235_19              | 3,5 x 19                | 12              | 10         | 2,35            |
| 87891235_25              | 3,5 x 25                | 12              | 10         | 2,35            |
| 87981242_13              | 4,2 x 13                | 12              | 10         | 2,35            |
| 87981242_16              | 4,2 x 16                | 12              | 10         | 2,35            |
| 87981242_19              | 4,2 x 19                | 12              | 10         | 2,35            |
| 87981242_25              | 4,2 x 25                | 10              | 10         | 2,35            |
| 87981242_32              | 4,2 x 32                | 10              | 10         | 2,35            |
| 87981248_13              | 4,8 x 13                | 10              | 10         | 2,35            |
| 87981248_19              | 4,8 x 19                | 10              | 10         | 2,35            |
| 87981248_25              | 4,8 x 25                | 10              | 10         | 2,35            |
| 87981248_32              | 4,8 x 32                | 6               | 10         | 2,35            |
| 87981255_16              | 5,5 x 16                | 6               | 10         | 2,35            |
| 87981255_25              | 5,5 x 25                | 6               | 10         | 2,35            |
| 87981255_32              | 5,5 x 32                | 6               | 10         | 2,35            |
| 87981255_38              | 5,5 x 38                | 6               | 10         | 2,35            |

## DIN 97

## Blister Pack DIN 97 / A2-AISI 304

Senk-Holzschraube mit Schlitz / Blister pack DIN 97,  
slotted countersunk head wood screw

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8009723_12               | 3,0 x 12                | 10              | 10         | 2,35            |
| 8009723_16               | 3,0 x 16                | 10              | 10         | 2,35            |
| 8009723_20               | 3,0 x 20                | 10              | 10         | 2,35            |
| 8009723_25               | 3,0 x 25                | 8               | 10         | 2,35            |
| 8009723_30               | 3,0 x 30                | 8               | 10         | 2,35            |
| 8009724_20               | 4,0 x 20                | 8               | 10         | 2,35            |
| 8009724_30               | 4,0 x 30                | 6               | 10         | 2,35            |
| 8009724_40               | 4,0 x 40                | 6               | 10         | 2,35            |
| 8009724_50               | 4,0 x 50                | 6               | 10         | 2,35            |
| 8009725_30               | 5,0 x 30                | 4               | 10         | 2,35            |
| 8009725_40               | 5,0 x 40                | 4               | 10         | 2,35            |
| 8009725_50               | 5,0 x 50                | 4               | 10         | 2,35            |
| 8009725_60               | 5,0 x 60                | 4               | 10         | 2,35            |
| 8009726_60               | 6,0 x 60                | 2               | 10         | 2,35            |
| 8009726_70               | 6,0 x 70                | 2               | 10         | 2,35            |

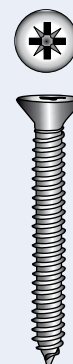




**Blister Pack DIN 7982 / A2-AISI 304**  
Blechschaube, Senkkopf / Blister pack DIN 7982,  
cross recessed tapping screw, countersunk head

**DIN 7982**

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 87982229_95              | 2,9 x 9,5               | 20              | 10         | 2,35            |
| 87982229_13              | 2,9 x 13                | 20              | 10         | 2,35            |
| 87982229_16              | 2,9 x 16                | 20              | 10         | 2,35            |
| 87982235_13              | 3,5 x 13                | 15              | 10         | 2,35            |
| 87982235_16              | 3,5 x 16                | 12              | 10         | 2,35            |
| 87982235_19              | 3,5 x 19                | 12              | 10         | 2,35            |
| 87982235_25              | 3,5 x 25                | 12              | 10         | 2,35            |
| 87982242_13              | 4,2 x 13                | 12              | 10         | 2,35            |
| 87982242_16              | 4,2 x 16                | 12              | 10         | 2,35            |
| 87982242_19              | 4,2 x 19                | 12              | 10         | 2,35            |
| 87982242_25              | 4,2 x 25                | 10              | 10         | 2,35            |
| 87982242_32              | 4,2 x 32                | 10              | 10         | 2,35            |
| 87982248_13              | 4,8 x 13                | 10              | 10         | 2,35            |
| 87982248_19              | 4,8 x 19                | 10              | 10         | 2,35            |
| 87982248_25              | 4,8 x 25                | 10              | 10         | 2,35            |
| 87982248_32              | 4,8 x 32                | 6               | 10         | 2,35            |
| 87982255_16              | 5,5 x 16                | 6               | 10         | 2,35            |
| 87982255_25              | 5,5 x 25                | 6               | 10         | 2,35            |
| 87982255_32              | 5,5 x 32                | 6               | 10         | 2,35            |
| 87982255_38              | 5,5 x 38                | 6               | 10         | 2,35            |

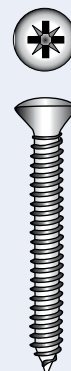




**Blister Pack DIN 7983 / A2-AISI 304**  
Blechschaube, Linsensenkkopf / Blister pack DIN 7983,  
cross recessed tapping screw, raised countersunk head

## DIN 7983

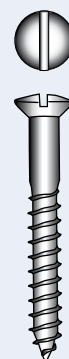
| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 87983229_95              | 2,9 x 9,5               | 20              | 10         | 2,35            |
| 87983229_13              | 2,9 x 13                | 20              | 10         | 2,35            |
| 87983229_16              | 2,9 x 16                | 20              | 10         | 2,35            |
| 87983235_13              | 3,5 x 13                | 15              | 10         | 2,35            |
| 87983235_16              | 3,5 x 16                | 12              | 10         | 2,35            |
| 87983235_19              | 3,5 x 19                | 12              | 10         | 2,35            |
| 87983235_25              | 3,5 x 25                | 12              | 10         | 2,35            |
| 87983242_13              | 4,2 x 13                | 12              | 10         | 2,35            |
| 87983242_16              | 4,2 x 16                | 12              | 10         | 2,35            |
| 87983242_19              | 4,2 x 19                | 12              | 10         | 2,35            |
| 87983242_25              | 4,2 x 25                | 10              | 10         | 2,35            |
| 87983242_32              | 4,2 x 32                | 10              | 10         | 2,35            |
| 87983248_13              | 4,8 x 13                | 10              | 10         | 2,35            |
| 87983248_19              | 4,8 x 19                | 10              | 10         | 2,35            |
| 87983248_25              | 4,8 x 25                | 10              | 10         | 2,35            |
| 87983248_32              | 4,8 x 32                | 6               | 10         | 2,35            |
| 87983255_16              | 5,5 x 16                | 6               | 10         | 2,35            |
| 87983255_25              | 5,5 x 25                | 6               | 10         | 2,35            |
| 87983255_32              | 5,5 x 32                | 6               | 10         | 2,35            |
| 87983255_38              | 5,5 x 38                | 6               | 10         | 2,35            |



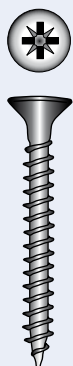
**Blister Pack DIN 95 / A2-AISI 304**  
Linsensenk-Holzschraube mit Schlitz / Blister pack DIN 95,  
slotted raised countersunk head wood screw

## DIN 95

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 80095225_12              | 2,5 x 12                | 10              | 10         | 2,35            |
| 80095225_16              | 2,5 x 16                | 10              | 10         | 2,35            |
| 80095230_12              | 3,0 x 12                | 10              | 10         | 2,35            |
| 80095230_16              | 3,0 x 16                | 10              | 10         | 2,35            |
| 80095230_20              | 3,0 x 20                | 10              | 10         | 2,35            |
| 80095230_25              | 3,0 x 25                | 8               | 10         | 2,35            |
| 80095230_30              | 3,0 x 30                | 8               | 10         | 2,35            |
| 80095240_20              | 4,0 x 20                | 8               | 10         | 2,35            |
| 80095240_30              | 4,0 x 30                | 6               | 10         | 2,35            |
| 80095240_40              | 4,0 x 40                | 6               | 10         | 2,35            |
| 80095240_50              | 4,0 x 50                | 4               | 10         | 2,35            |
| 80095250_30              | 5,0 x 30                | 4               | 10         | 2,35            |
| 80095250_40              | 5,0 x 40                | 4               | 10         | 2,35            |
| 80095250_50              | 5,0 x 50                | 4               | 10         | 2,35            |
| 80095250_60              | 5,0 x 60                | 4               | 10         | 2,35            |
| 80095260_60              | 6,0 x 60                | 2               | 10         | 2,35            |
| 80095260_70              | 6,0 x 70                | 2               | 10         | 2,35            |

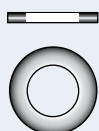




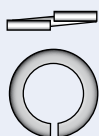
**Art.-Nr.  
1005**
**Blister Pack Art.-Nr. 1005 / A2-AISI 304**  
 Spanplattenschraube Senkkopf mit Pozidrive-Kreuzschlitz  
 (gleitbeschichtet), Blister pack art. no. 1005, \*\*


| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 81005230_20              | 3,0 x 20                | 10              | 10         | 2,35            |
| 81005230_30              | 3,0 x 30                | 8               | 10         | 2,35            |
| 81005240_30              | 4,0 x 30                | 8               | 10         | 2,35            |
| 81005240_40              | 4,0 x 40                | 6               | 10         | 2,35            |
| 81005250_40              | 5,0 x 40                | 4               | 10         | 2,35            |
| 81005250_50              | 5,0 x 50                | 4               | 10         | 2,35            |
| 81005260_60              | 6,0 x 60                | 2               | 10         | 2,35            |

\*\*countersunk head cross recessed chipboardscrew (pozidrive)

**DIN 125**
**Blister Pack DIN 125 / A2-AISI 304**  
 Unterlegscheibe  
 Blister pack DIN 125, washer


| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 80125232                 | 3,2                     | 20              | 10         | 2,35            |
| 80125243                 | 4,3                     | 20              | 10         | 2,35            |
| 80125253                 | 5,3                     | 20              | 10         | 2,35            |
| 80125264                 | 6,4                     | 20              | 10         | 2,35            |
| 80125284                 | 8,4                     | 20              | 10         | 2,35            |

**DIN 127**
**Blister Pack DIN 127 / A2-AISI 304**  
 Federring  
 Blister pack DIN 127, spring lock washer


| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8012723                  | 3                       | 20              | 10         | 2,35            |
| 8012724                  | 4                       | 20              | 10         | 2,35            |
| 8012725                  | 5                       | 20              | 10         | 2,35            |
| 8012726                  | 6                       | 20              | 10         | 2,35            |
| 8012728                  | 8                       | 20              | 10         | 2,35            |





## Blister Pack DIN 315 / A2-AISI 304 Flügelmutter Blister pack DIN 315, wing nut

### DIN 315

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8031523                  | M3                      | 4               | 10         | 2,35            |
| 8031524                  | M4                      | 4               | 10         | 2,35            |
| 8031525                  | M5                      | 4               | 10         | 2,35            |
| 8031526                  | M6                      | 2               | 10         | 2,35            |
| 8031528                  | M8                      | 2               | 10         | 2,35            |



## Blister Pack DIN 985 / A2-AISI 304 Poly-Stopmutter Blister pack DIN 985, prevailing torque type hexagon nut

### DIN 985

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8098523                  | M3                      | 6               | 10         | 2,35            |
| 8098524                  | M4                      | 6               | 10         | 2,35            |
| 8098525                  | M5                      | 6               | 10         | 2,35            |
| 8098526                  | M6                      | 4               | 10         | 2,35            |
| 8098528                  | M8                      | 4               | 10         | 2,35            |



## Blister Pack DIN 9021 / A2-AISI 304 Unterlegscheibe, groß Blister pack DIN 9021, washer, large

### DIN 9021

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 89021232                 | 3,2                     | 20              | 10         | 2,35            |
| 89021243                 | 4,3                     | 20              | 10         | 2,35            |
| 89021253                 | 5,3                     | 20              | 10         | 2,35            |
| 89021264                 | 6,4                     | 20              | 10         | 2,35            |
| 89021284                 | 8,4                     | 10              | 10         | 2,35            |





## DIN 1587

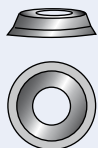


## Blister Pack DIN 1587 / A2-AISI 304

Hutmutter

Blister pack DIN 1587, dome cap nut

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8158723                  | M3                      | 4               | 10         | 2,35            |
| 8158724                  | M4                      | 4               | 10         | 2,35            |
| 8158725                  | M5                      | 4               | 10         | 2,35            |
| 8158726                  | M6                      | 3               | 10         | 2,35            |
| 8158728                  | M8                      | 3               | 10         | 2,35            |

Art.-Nr.  
1011

## Blister Pack Art.-Nr. 1011 / A2-AISI 304

Rosette, gedreht aus Vollmaterial

Blister pack art. no. 1011, rosette turned full body

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8101123                  | M3                      | 5               | 10         | 2,35            |
| 8101124                  | M4                      | 4               | 10         | 2,35            |
| 8101125                  | M5                      | 4               | 10         | 2,35            |
| 8101126                  | M6                      | 3               | 10         | 2,35            |
| 8101128                  | M8                      | 2               | 10         | 2,35            |

## DIN 94

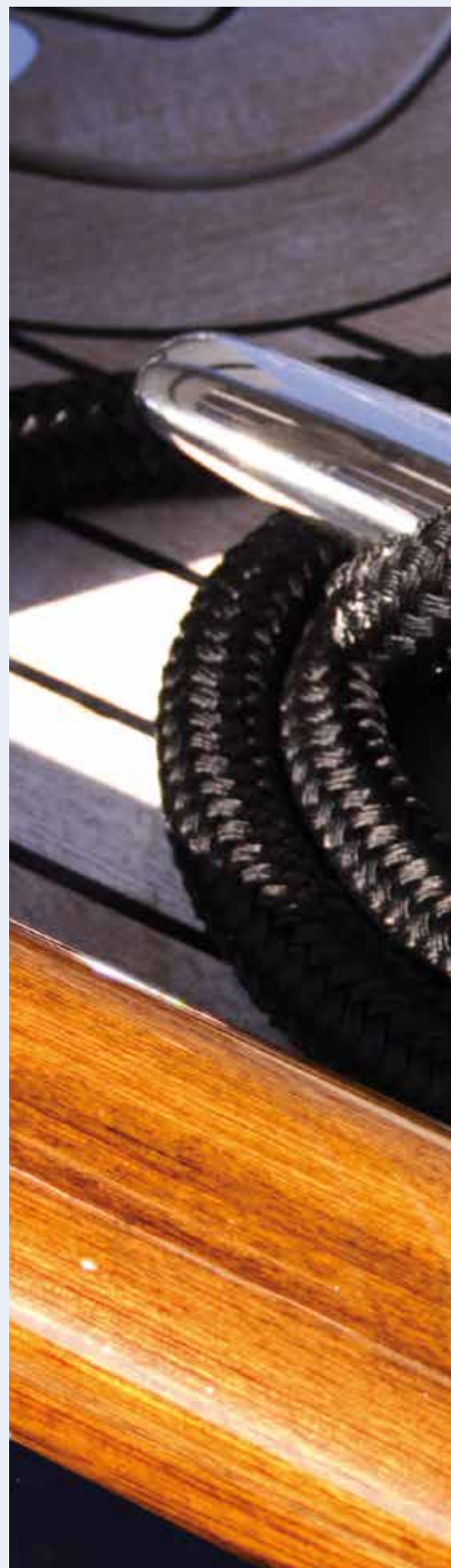


## Blister Pack DIN 94 / A2-AISI 304

Splint

Blister pack DIN 94, splint pin

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 80094220_20              | 2,0 x 20                | 12              | 10         | 2,35            |
| 80094225_20              | 2,5 x 20                | 10              | 10         | 2,35            |
| 80094232_25              | 3,2 x 25                | 8               | 10         | 2,35            |
| 80094232_40              | 3,2 x 40                | 6               | 10         | 2,35            |
| 80094240_50              | 4,0 x 50                | 4               | 10         | 2,35            |



## Blister Pack DIN 934 / A2-AISI 304 Sechskantmutter Blister pack DIN 934, hexagon nut

### DIN 934

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8093423                  | M3                      | 15              | 10         | 2,35            |
| 8093424                  | M4                      | 15              | 10         | 2,35            |
| 8093425                  | M5                      | 15              | 10         | 2,35            |
| 8093426                  | M6                      | 10              | 10         | 2,35            |
| 8093428                  | M8                      | 5               | 10         | 2,35            |



## Blister Pack Art.-Nr. 1004 / A2-AISI 304 Hülsmutter mit Linsensenkkopf und Schlitz / Blister pack art. no. 1004, raised countersunk head sleeve nuts with slot

### Art.-Nr. 1004

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8100424                  | M4                      | 4               | 10         | 2,35            |
| 8100425                  | M5                      | 4               | 10         | 2,35            |
| 8100426                  | M6                      | 3               | 10         | 2,35            |
| 8100428                  | M8                      | 2               | 10         | 2,35            |



## Blister Pack Art.-Nr. 1014 / A2-AISI 304 Blindniete Blister pack art. no. 1014, blind rivet

### Art.-Nr. 1014

| Bestell-Nr.<br>Order no. | Abmessung<br>Dimensions | Stück<br>Pieces | Box<br>Box | 1 Box<br>VK A2* |
|--------------------------|-------------------------|-----------------|------------|-----------------|
| 8101423_12               | 3,0 x 12                | 5               | 10         | 2,35            |
| 8101424_16               | 4,0 x 16                | 4               | 10         | 2,35            |
| 8101424_18               | 4,0 x 18                | 4               | 10         | 2,35            |
| 8101425_20               | 5,0 x 20                | 2               | 10         | 2,35            |
| 8101425_25               | 5,0 x 25                | 2               | 10         | 2,35            |
| 81014264_20              | 6,4 x 20                | 1               | 10         | 2,35            |
| 81014264_25              | 6,4 x 25                | 1               | 10         | 2,35            |





# Kapitel 13

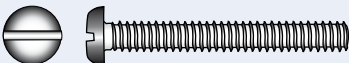
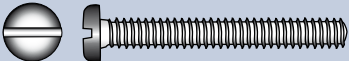
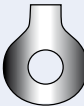
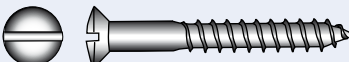
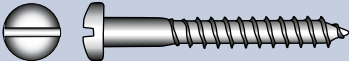
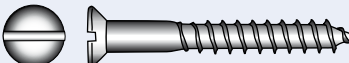
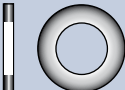
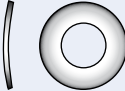
## Chapter 13

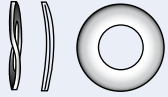
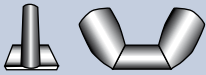
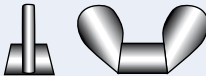
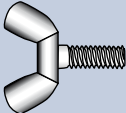
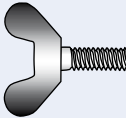
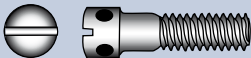
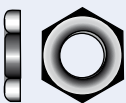
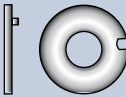
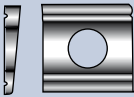
### Schrauben in Großpackungen

### Screws in bulk packs

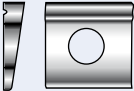
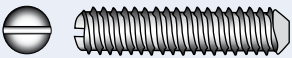
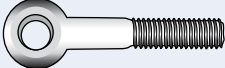


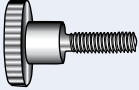
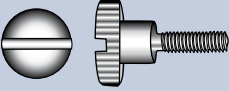
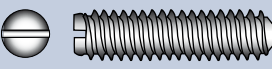
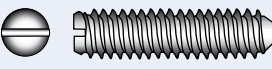
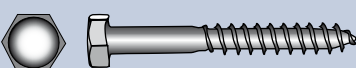


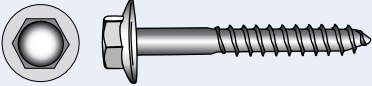
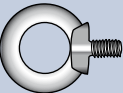
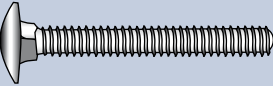
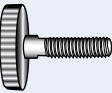
|                                                                                     | DIN<br>EN ISO       | Bezeichnung<br>Description                                                                                                     | Werkstoff<br>Material |    |
|-------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | DIN 1<br>ISO 2339   | Kegelstifte<br>Taper pins<br>Goupilles coniques                                                                                | A2                    | A4 |
|    | DIN 7<br>ISO 2338   | Zylinderstifte, Form A (Toleranzfeld m 6)<br>Parallel pins<br>Goupilles cylindriques                                           | A2                    | A4 |
|    | DIN 84<br>ISO 1207  | Zylinderschrauben mit Schlitz<br>Slotted cheese head screws<br>Vis à tête cylindrique fendue                                   | A2                    | A4 |
|    | DIN 85<br>ISO 1580  | Flachkopfschrauben mit Schlitz<br>Slotted pan head screws<br>Vis à tête cylindrique à dépouille fendue                         | A2                    | A4 |
|   | DIN 93              | Sicherheitsbleche mit 1 Lappen<br>Tab washers with 1 tab<br>Freins d'écrous à un aileron                                       | A2                    | A4 |
|  | DIN 94<br>ISO 1234  | Splinte<br>Split pins<br>Goupilles fendues                                                                                     | A2                    | A4 |
|  | DIN 95              | Linsensenk-Holzschrauben mit Schlitz<br>Slotted raised countersunk head wood screws<br>Vis à bois à tête fendue fraisée bombée | A2                    | A4 |
|  | DIN 96              | Halbrund-Holzschrauben mit Schlitz<br>Slotted round head wood screws<br>Vis à bois à tête ronde fendue                         | A2                    | A4 |
|  | DIN 97              | Senk-Holzschrauben mit Schlitz<br>Slotted countersunk head wood screws<br>Vis à bois à tête fendue fraisée                     | A2                    | A4 |
|  | DIN 125<br>ISO 7089 | Unterlegscheiben Form A (ohne Fase)<br>Plain washers (without chamfer)<br>Rondelles plates                                     | A2                    | A4 |
|  | DIN 127             | Federringe Form B (glatt)<br>Flat spring lock washers<br>Rondelle élastiques sans becs                                         | A2                    | A4 |
|  | DIN 128             | Federringe Form A (gewölbt)<br>Curved spring lock washers<br>Rondelles élastiques cintrées                                     | A2                    | A4 |
|  | DIN 137 A           | Federscheiben Form A (gewölbt)<br>Curved spring washers<br>Rondelles élastiques cintrées                                       | A2                    |    |

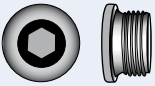
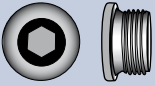
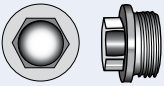
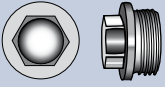
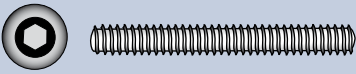
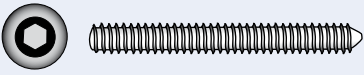
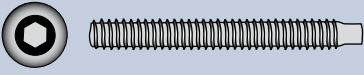
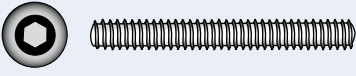
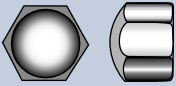
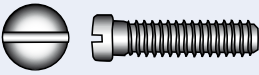
|                                                                                     | DIN<br>EN ISO       | Bezeichnung<br>Description                                                                                                                         | Werkstoff<br>Material |    |
|-------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | DIN 137 B           | Federscheiben Form B (gewellt)<br>Wave spring washers<br>Rondelles élastiques ondulées                                                             | A2                    | A4 |
|    | Art. 315            | Flügelmuttern, amerikanische Form<br>Wing nuts, American<br>Ecrous à oreilles, type américain                                                      | A2                    | A4 |
|    | DIN 315             | Flügelmuttern, deutsche Form<br>Wing nuts, heavy duty<br>Ecrous à oreilles                                                                         | A2                    | A4 |
|    | Art. 316            | Flügelschrauben, amerikanische Form<br>Wing screws, American<br>Vis à oreilles, type américain                                                     | A2                    | A4 |
|   | DIN 316             | Flügelschrauben, deutsche Form<br>Wing screws, heavy duty<br>Vis à oreilles                                                                        | A2                    | A4 |
|  | DIN 404             | Kreuzlochschrauben mit Schlitz<br>Capstan screws, slotted<br>Vis de plombage avec fente                                                            | A2                    |    |
|  | DIN 417<br>ISO 7435 | Gewindestifte mit Schlitz und Zapfen<br>Slotted set screws with long dog point<br>Vis sans tête, fendues, à têtton long                            | A2                    |    |
|  | DIN 427<br>ISO 2342 | Schaftschrauben mit Schlitz und Kegelkuppe<br>Slotted headless screws with chamfered end<br>Vis sans tête, partiellement fileté, à bout chanfreiné | A2                    | A4 |
|  | DIN 431 B           | Rohrmuttern mit Rohrgewinde nach DIN ISO 228<br>Pipe nuts with thread according to DIN ISO 228<br>Ecrous six pans, filet à gaz                     | A2                    | A4 |
|  | DIN 432             | Sicherungsbleche mit Nase<br>Washers with external tab<br>Freins d'écrous avec ergot extérieur                                                     | A2                    | A4 |
|  | DIN 433<br>ISO 7092 | Scheiben für Zylinderschrauben<br>Washers for cheese head screws<br>Rondelles pour vis à tête cylindrique                                          | A2                    | A4 |
|  | DIN 434             | Vierkant-Keilscheiben für U-Träger, Neigung 8%<br>Square taper washers for U-sections<br>Plaquette oblique pour profilés en U                      | A2                    | A4 |

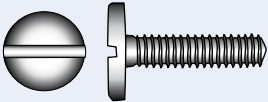
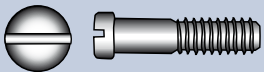
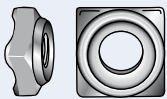
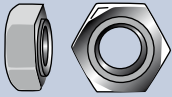
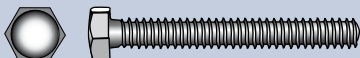
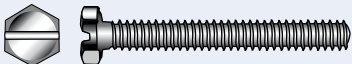
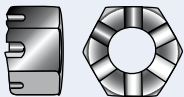


|                                                                                     | DIN<br>EN ISO            | Bezeichnung<br>Description                                                                                                                                      | Werkstoff<br>Material |    |
|-------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | DIN 435                  | Vierkant-Keilscheiben für I-Träger, Neigung 14%<br>Square taper washers for I-sections<br>Plaquette oblique pour profilés en I                                  | A2                    | A4 |
|    | DIN 436                  | Vierkantscheiben für Holzkonstruktionen<br>Square washers for wood constructions<br>Rondelles carrées pour constructions en bois                                | A2                    | A4 |
|    | DIN 438<br>ISO 7436      | Gewindestifte mit Schlitz und Ringschneide<br>Slotted set screws with cup point<br>Vis sans tête, fendues, à bout cuvette                                       | A2                    |    |
|    | DIN 439<br>ISO 4035      | Sechskantmuttern, niedrige Form, Form B (mit Fase)<br>Hexagon thin nuts<br>Ecrous bas hexagonaux                                                                | A2                    | A4 |
|   | DIN 439<br>ISO 4035      | Sechskantmuttern, niedrige Form, Feingewinde,<br>Form B (mit Fase)<br>Hexagon thin nuts, fine pitch<br>Ecrous bas hexagonaux, filet fin métrique                | A2                    | A4 |
|  | DIN 439<br>ISO 4035      | Sechskantmuttern, niedrige Form, Linksgewinde,<br>Form B (mit Fase)<br>Hexagon thin nuts left hand thread<br>Ecrous bas hexagonaux à gauche                     | A2                    | A4 |
|  | DIN 440<br>R<br>ISO 7094 | Scheiben für Holzkonstruktionen,<br>Form R = Rundloch<br>Washers, especially for wood constructions<br>Rondelles, principalement pour constructions en bois     | A2                    | A4 |
|  | DIN 440<br>V<br>ISO 7094 | Scheiben für Holzkonstruktionen,<br>Form V = Vierkantloch<br>Washers, especially for wood constructions<br>Rondelles, principalement pour constructions en bois | A2                    | A4 |
|  | DIN 444<br>B             | Augenschrauben, Form B<br>Eye bolts<br>Vis à œillet                                                                                                             | A2                    | A4 |
|  | DIN 463                  | Sicherungsbleche mit 2 Lappen<br>Tab washers with 2 tabs<br>Freins D'écrous à 2 ailerons d'équerre                                                              | A2                    | A4 |

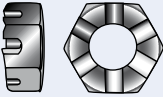
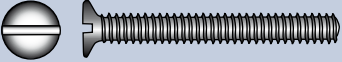
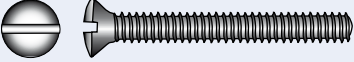
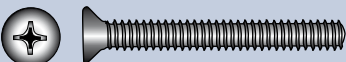
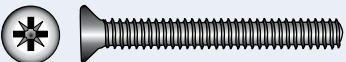
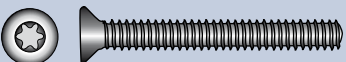
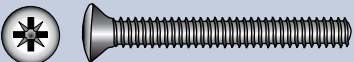
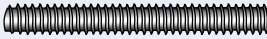
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|-------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | DIN 464             | Rändelschrauben, hohe Form<br>Knurled thumb screws, high type<br>Vis moletées, type haut                                   | A2                    |    |
|    | DIN 465             | Rändelschrauben, hohe Form, mit Schlitz<br>Slotted knurled thumb screws, high type<br>Vis moletées, type haute, avec fente | A2                    |    |
|    | DIN 466             | Rändelmuttern, hohe Form<br>Knurled thumb nuts, high type<br>Ecrous moletées, type haut                                    | A2                    |    |
|    | DIN 467             | Rändelmuttern, niedrige Form<br>Knurled thumb nuts, thin type<br>Ecrous moletées, type bas                                 | A2                    |    |
|   | DIN 471             | Sicherungsringe für Wellen<br>Retaining rings for shafts<br>Circlips extérieurs                                            | A2                    |    |
|  | DIN 472             | Sicherungsringe für Bohrungen<br>Retaining rings for bores<br>Circlips intérieurs                                          | A2                    |    |
|  | DIN 546             | Schlitzmuttern<br>Slotted round nuts<br>Ecrous cylindriques à fente                                                        | A2                    | A4 |
|  | DIN 551<br>ISO 4766 | Gewindestifte mit Schlitz und Kegelkuppe<br>Slotted set screws with flat point<br>Vis sans tête avec fente et chanfrein    | A2                    | A4 |
|  | DIN 553<br>ISO 7434 | Gewindestifte mit Schlitz und Spitze<br>Slotted set screws with cone point<br>Vis sans tête avec fente et pointe           | A2                    | A4 |
|  | DIN 557             | Vierkantmuttern<br>Square nuts<br>Ecrous carrés                                                                            | A2                    | A4 |
|  | DIN 562             | Vierkantmuttern, niedrige Form<br>Square thin nuts<br>Ecrous carrées bas                                                   | A2                    | A4 |
|  | DIN 571             | Sechskant-Holzschrauben<br>Hexagon head wood screws<br>Vis à bois à tête hexagonale                                        | A2                    | A4 |

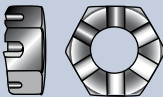
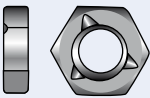
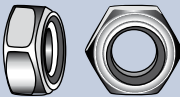
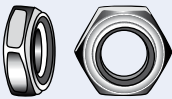
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|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | Art.-Nr.<br>572             | Sechskant-Holzschrauben mit Flansch<br>Hexagon wood screws with flange<br>Vis bois T.H. à embase                                                                                                                  | A2                    |    |
|    | DIN 580<br>Art.-Nr.<br>8272 | Ringschrauben<br>Lifting eye bolts<br>Vis à anneau                                                                                                                                                                | A2                    | A4 |
|    | DIN 582<br>Art.-Nr.<br>8268 | Ringmuttern<br>Lifting eye nuts<br>Ecrous à anneau                                                                                                                                                                | A2                    | A4 |
|    | DIN 603<br>ISO 8677         | Flachrundschauben mit Vierkantansatz<br>Mushroom head square neck bolts<br>Vis à tête bombée à collet carré                                                                                                       | A2                    | A4 |
|   | DIN 653                     | Rändelschrauben , niedrige Form<br>Knurled thumb screws, thin type<br>Vis moletées, type bas                                                                                                                      | A2                    |    |
|  | DIN 660                     | Halbrundnieten<br>Round head rivets<br>Rivets à tête ronde                                                                                                                                                        | A2                    | A4 |
|  | DIN 661                     | Senknieten<br>Countersunk head rivets<br>Rivets à tête fraisée                                                                                                                                                    | A2                    |    |
|  | DIN 705                     | Stellringe Form A, mit Gewindestiften DIN 914<br>Adjusting rings with set screw DIN 914<br>Bagues d'arrêt                                                                                                         | A2                    |    |
|  | DIN 835                     | Stiftschrauben, Einschraubende ~2 d<br>Studs, metal end ~2 d<br>Goujons-partie fileté e ~2 d                                                                                                                      | A2                    | A4 |
|  | DIN 906                     | Verschlusschrauben mit Innensechskant und Kegelgewinde / Hexagon socket pipe plugs, conical thread according to DIN 158 · Bouchons filetés à six pans creux, filetage conique à la DIN 158                        | A2                    | A4 |
|  | DIN 906                     | Verschlusschrauben mit Innensechskant, WITHWORTH Rohrgewinde nach DIN 3858<br>Hexagon socket pipe plugs, conical thread according to DIN 3858 · Bouchons filetés à six pans creux, filetage conique à la DIN 3858 | A2                    | A4 |

|                                                                                     | DIN<br>EN ISO       | Bezeichnung<br>Description                                                                                                                                                                                                                                              | Werkstoff<br>Material |    |
|-------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | DIN 908             | Verschlusschrauben mit Bund und Innensechskant, metrisches Feingewinde nach DIN 13<br>Hexagon socket pipe plugs, metric fine pitch according to DIN 13 · Bouchons filetés avec épaulement et six pans creux, filet fin métrique à la DIN 13                             | A2                    | A4 |
|    | DIN 908             | Verschlusschrauben mit Bund und Innensechskant, zylindrisches Gasgewinde nach DIN 228<br>Hexagon socket pipe plugs, cylindrical thread according to DIN 228 · Bouchons filetés cylindriques à collerette et à six pans creux, à la DIN 228                              | A2                    | A4 |
|    | DIN 910             | Verschlusschrauben mit Bund und Außensechskant, metrisches Feingewinde nach DIN 13<br>Hexagon head pipe plugs, cylindrical thread metric fine pitch according to DIN 13 · Bouchons filetés cylindriques à tête hexagonale, à collerette, filet fin métrique à la DIN 13 | A2                    | A4 |
|  | DIN 910             | Verschlusschrauben mit Bund und Außensechskant, zylindrisches Gasgewinde nach DIN 228<br>Hexagon head pipe plugs, cylindrical thread, according to DIN 228 · Bouchons filetés cylindriques à tête hexagonale, à collerette; type large à la DIN 228                     | A2                    | A4 |
|  | DIN 912<br>ISO 4762 | Zylinderschrauben mit Innensechskant<br>Hexagon socket head cap screws<br>Vis à six pans creux, tête cylindrique                                                                                                                                                        | A2                    | A4 |
|  | DIN 913<br>ISO 4026 | Gewindestifte mit Innensechskant und Kegelkuppe<br>Hexagon socket set screws with flat point<br>Vis sans tête à six pans creux avec bout plat                                                                                                                           | A2                    | A4 |
|  | DIN 914<br>ISO 4027 | Gewindestifte mit Innensechskant und Spitze<br>Hexagon socket set screws with cone point<br>Vis sans tête à six pans creux avec bout pointu                                                                                                                             | A2                    | A4 |
|  | DIN 915<br>ISO 4028 | Gewindestifte mit Innensechskant und Zapfen<br>Hexagon socket set screws with dog point<br>Vis sans tête à six pans creux avec téton long                                                                                                                               | A2                    | A4 |
|  | DIN 916<br>ISO 4029 | Gewindestifte mit Innensechskant und Ringschneide<br>Hexagon socket set screws with cup point<br>Vis sans tête à six pans creux avec cuvette                                                                                                                            | A2                    | A4 |
|  | DIN 917             | Sechskant-Hutmuttern, niedrige Form<br>Hexagon cap nuts, flat type<br>Ecrous borgnes hexagonaux bas                                                                                                                                                                     | A2                    | A4 |
|  | DIN 920             | Flachkopfschrauben mit Schlitz und kleinem Kopf<br>Slotted pan head screws with small head<br>Vis à tête cylindrique à dépouille, fendue, réduite                                                                                                                       | A2                    |    |

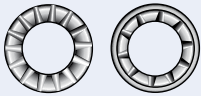
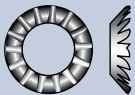
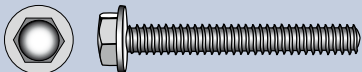
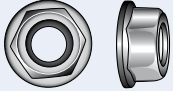
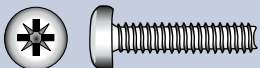
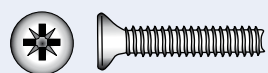
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|-------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | DIN 921                   | Flachkopfschrauben mit Schlitz und großem Kopf<br>Slotted pan head screws with large head<br>Vis à tête cylindrique à dépouille, fendue, large    | A2                    |    |
|    | DIN 923                   | Flachkopfschrauben mit Schlitz und Ansatz<br>Slotted pan head screws with shoulder · Vis à tête cylindrique à dépouille, fendue, à tige ajustable | A2                    |    |
|    | DIN 928                   | Vierkant-Schweißmuttern<br>Square weld nuts<br>Ecrous carrés à souder                                                                             | A2                    | A4 |
|    | DIN 929                   | Sechskant-Schweißmuttern<br>Hexagon weld nuts<br>Ecrous hexagonaux à souder                                                                       | A2                    | A4 |
|   | DIN 931<br>ISO 4014       | Sechskantschrauben mit Schaft<br>Hexagon head bolts<br>Vis à tête six pans                                                                        | A2                    | A4 |
|  | DIN 933<br>ISO 4017       | Sechskantschrauben mit Gewinde bis Kopf<br>Hexagon head screws<br>Vis à tête six pans                                                             | A2                    | A4 |
|  | DIN 933<br>SZ<br>ISO 4017 | Sechskantschrauben mit Vollgewinde und Schlitz<br>Slotted hexagon head screws<br>Vis à tête pans avec fente                                       | A2                    | A4 |
|  | DIN 934                   | Sechskantmuttern<br>Hexagon nuts<br>Ecrous hexagonaux                                                                                             | A2                    | A4 |
|  | ISO 4032                  | Sechskantmuttern<br>Hexagon nuts<br>Ecrous hexagonaux                                                                                             | A2                    | A4 |
|  | DIN 934                   | Sechskantmuttern 1.4571<br>Hexagon nuts<br>Ecrous hexagonaux                                                                                      | A5                    |    |
|  | DIN 934                   | Sechskantmuttern mit Linksgewinde<br>Hexagon nuts left hand thread<br>Ecrous hexagonaux à gauche                                                  | A2                    | A4 |
|  | DIN 934                   | Sechskantmuttern mit Feingewinde<br>Hexagon nuts, fine pitch<br>Ecrous hexagonaux, filet fin métrique                                             | A2                    | A4 |
|  | DIN 935<br>ISO 7035       | Kronenmuttern<br>Hexagon castle nuts, slotted<br>Ecrous hexagonaux à créneaux                                                                     | A2                    | A4 |

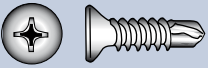
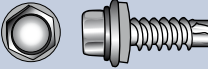
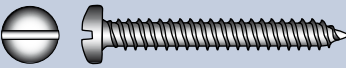
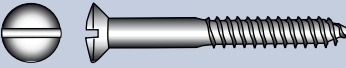
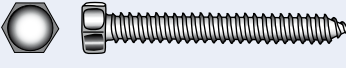


|                                                                                     | DIN<br>EN ISO             | Bezeichnung<br>Description                                                                                                                                       | Werkstoff<br>Material |    |
|-------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | DIN 936                   | Sechskantmuttern, niedrige Form<br>Hexagon thin nuts<br>Ecrous hexagonaux, bas                                                                                   | A2                    | A4 |
|    | DIN 936                   | Sechskantmuttern, niedrige Form, Feingewinde<br>Hexagon thin nuts, fine pitch<br>Ecrous hexagonaux, bas, filet fin métrique                                      | A2                    |    |
|    | DIN 937                   | Kronenmuttern, niedrige Form<br>Thin hexagon castle nuts, slotted<br>Ecrous hexagonaux à créneaux, bas                                                           | A2                    | A4 |
|    | DIN 938                   | Stiftschrauben, Einschraubende ~ 1 d<br>Studs, metal end ~ 1 d<br>Goujons filetés, partie filetée ~ 1 d                                                          | A2                    | A4 |
|   | DIN 939                   | Stiftschrauben, Einschraubende ~ 1,25 d<br>Studs, metal end ~ 1,25 d<br>Goujons filetés, partie filetée ~ 1,25 d                                                 | A2                    | A4 |
|  | DIN 963<br>ISO 2009       | Senkschrauben mit Schlitz<br>Slotted countersunk head screws<br>Vis à tête fraisée fendue                                                                        | A2                    | A4 |
|  | DIN 964<br>ISO 2010       | Linsensenkschrauben mit Schlitz<br>Slotted raised countersunk head screws<br>Vis à tête fraisée bombée fendue                                                    | A2                    | A4 |
|  | DIN 965<br>H<br>ISO 7046  | Senkschrauben mit Kreuzschlitz H-Phillips<br>Cross recessed countersunk (flat) head screws - H<br>Vis à tête fraisée à empreinte cruciforme - H                  | A2                    | A4 |
|  | DIN 965<br>Z<br>ISO 7046  | Senkschrauben mit Kreuzschlitz Z-Pozidrive<br>Cross recessed countersunk (flat) head screws - Z<br>Vis à tête fraisée à empreinte cruciforme - Z                 | A2                    | A4 |
|  | DIN 965<br>TX<br>ISO 7046 | Senkschrauben mit Innensechsrund<br>Countersunk (flat) head screws, six lobe drive<br>Vis à tête conique, fraisée, à six lobes intérieurs                        | A2                    | A4 |
|  | DIN 966<br>H<br>ISO 7047  | Linsen-Senkschrauben mit Kreuzschlitz H-Phillips<br>Cross recessed raised countersunk head screws - H<br>Vis à tête fraisée bombée à empreinte cruciforme - H    | A2                    | A4 |
|  | DIN 966<br>Z<br>ISO 7047  | Linsen-Senkschrauben mit Kreuzschlitz Z - Pozidrive<br>Cross recessed raised countersunk head screws - Z<br>Vis à tête fraisée bombée à empreinte cruciforme - Z | A2                    | A4 |
|  | DIN 976                   | Gewindebolzen, Länge l = 1m, 2m, 3m<br>Threaded rods<br>Tiges filetées                                                                                           | A2                    | A4 |

|                                                                                     | DIN<br>EN ISO        | Bezeichnung<br>Description                                                                                                                                                                                                                 | Werkstoff<br>Material |    |
|-------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | DIN 976              | Gewindebolzen mit Linksgewinde, Länge l = 1m<br>Threaded rods left hand thread<br>Tiges filetées à gauche                                                                                                                                  | A2                    | A4 |
|    | DIN 979              | Kronenmuttern, niedrige Form<br>Hexagon slotted thin castle nuts<br>Ecrus hexagonaux à créneaux, bas                                                                                                                                       | A2                    | A4 |
|    | DIN 980              | Sechskantmuttern, selbstsichernd mit Klemmteil,<br>Ganzmetallmuttern verformt aus DIN 934<br>Prevailing torque type hexagon nuts, all-metal nuts<br>Ecrus auto-freinés hexagonaux, écrous tout metal                                       | A2                    | A4 |
|    | DIN 982              | Sechskantmuttern, selbstsichernd, mit nicht-<br>metallischem Klemmteil, hohe Form<br>Prevailing torque type hexagon nuts with non-metallic<br>insert, high · Ecrus auto-freinés hexagonaux avec<br>insert non-metallique, type haut        | A2                    | A4 |
|  | DIN 985              | Sechskantmuttern, selbstsichernd, mit nicht-<br>metallischem Klemmteil, niedrige Form<br>Prevailing torque type hexagon nuts with non-metallic<br>insert, low · Ecrus auto-freinés hexagonaux avec<br>insert non-metallique, type bas      | A2                    | A4 |
|  | DIN 986              | Sechskant-Hutmuttern, selbstsichernd, mit nicht-<br>metallischem Klemmteil<br>Prevailing torque type hexagon domed cap nuts<br>with nonmetallic insert · Ecrus auto-freinés hexago-<br>naux borgnes à callottes avec insert non-metallique | A2                    | A4 |
|  | DIN 988              | Passscheiben<br>Shim rings<br>Rondelles d'ajustage                                                                                                                                                                                         | A2                    |    |
|  | DIN 1052             | Scheiben für Holzverbindungen<br>Washers for wood constructions<br>Rondelles pour constructions en bois                                                                                                                                    | A2                    | A4 |
|  | DIN 1440<br>ISO 8738 | Scheiben für Bolzen, mittlere Ausführung<br>Washers for clevis pins, medium<br>Rondelles plates pour tourillons                                                                                                                            | A2                    | A4 |
|  | DIN 1441             | Scheiben für Bolzen, grobe Ausführung<br>Washers for clevis pins, coarse<br>Rondelles plates pour tourillons                                                                                                                               | A2                    | A4 |
|  | DIN 1471<br>ISO 8744 | Kegelkerbstifte<br>Grooved pins; full-length taper grooved<br>Goupilles coniques cannelées                                                                                                                                                 | A2                    |    |

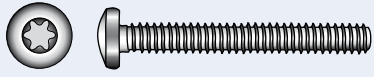
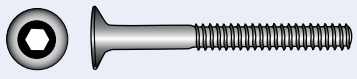
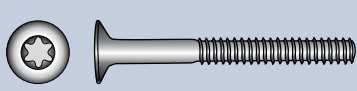
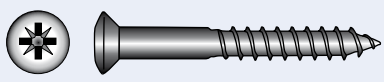
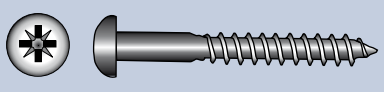
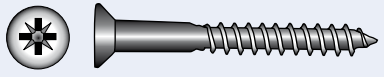
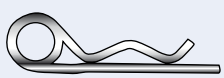
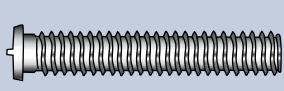
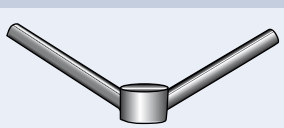
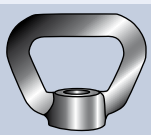
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|-------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | DIN 1472<br>ISO 8745 | Passkerbstifte<br>Grooved pin; half-length taper grooved<br>Goupilles cannelées d'ajustable                                                        | A2                    |    |
|    | DIN 1473<br>ISO 8740 | Zylinderkerbstifte mit Fase<br>Grooved pin; full-length parallel grooved with chamfer<br>Goupilles cannelées calindriques                          | A2                    |    |
|    | DIN 1474<br>ISO 8741 | Steckkerbstifte<br>Grooved pin; half-length reserve taper grooved<br>Goupilles cannelées d'ajustage                                                | A2                    |    |
|    | DIN 1476<br>ISO 8746 | Halbrundkerbnägel<br>Grooved pin with round head<br>Clous cannelées à tête demi-ronde                                                              | A2                    |    |
|   | ISO 8752             | Spannstifte (geschlitzt), schwere Ausführung<br>Slotted spring pins, heavy duty<br>Goupilles cà ressort                                            | A2                    |    |
|  | DIN 1587             | Sechskant-Hutmuttern, hohe Form<br>Hexagon domed cap nuts, high type<br>Ecrous borgnes à calotte hexagonaux, forme haute                           | A2                    | A4 |
|  | DIN 2093             | Tellerfeder<br>Disc spring<br>Rondelles-ressort                                                                                                    | A2                    |    |
|  | DIN 3017             | Schlauchschellen mit Schneckenantrieb, Form A<br>Hose clamps<br>Colliers de serrage                                                                | A2                    | A4 |
|  | DIN 6330             | Sechskantmutter, 1,5 d hoch, Form B<br>Hexagon nuts 1.5 d high<br>Ecrous hexagonaux 1,5 d                                                          | A2                    | A4 |
|  | DIN 6331             | Sechskantmutter, 1,5 d hoch, mit Bund<br>Hexagon nuts 1.5 d high, with collar<br>Ecrous hexagonaux 1,5 d à embase cylindrique                      | A2                    | A4 |
|  | DIN 6334             | Sechskantmutter (Langmutter), Höhe = 3 d<br>Hexagon nuts, m = 3 d<br>Ecrous hexagonaux, m = 3 d                                                    | A2                    | A4 |
|  | DIN 6796             | Spannscheiben für Schraubenverbindungen<br>Conical spring washers for bolted connections<br>Rondelles élastique en cuvette pour assemblages vissés | A2                    | A4 |
|  | DIN 6797             | Zahnscheiben Form A und J<br>Toothed lock washers<br>Rondelles élastiques à dents espacées                                                         | A2                    |    |

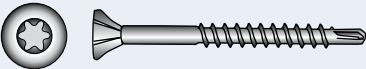
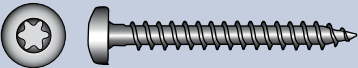
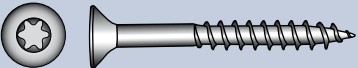
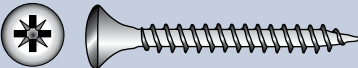
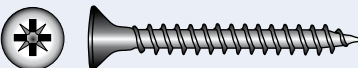
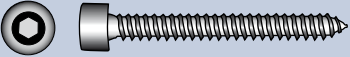
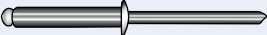
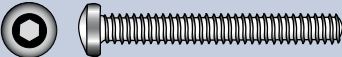
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|-------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
|    | DIN 6798        | Fächerscheiben Form A und J<br>Serrated lock washers<br>Rondelles élastique à dents chevanchantes                                                                                                                       | A2 A4                 |
|    | DIN 6798        | Fächerscheiben Form V<br>Serrated countersunk lock washers<br>Rondelles élastique à dents chevanchantes                                                                                                                 | A2                    |
|    | DIN 6799        | Sicherungsscheiben (Haltescheiben) für Wellen<br>Retaining washers for shafts<br>Bagues de frein pour arbres                                                                                                            | A2                    |
|    | DIN 6885<br>A   | Passfedern, hohe Form (Form A)<br>Parallel keys, high type<br>Clavettes ajustées                                                                                                                                        | A5                    |
|   | DIN 6912        | Zylinderschrauben mit Innensechskant, niedriger Kopf, mit Schlüsselführung<br>Socket head cap screws, low head, pilot recess<br>Vis à tête cylindrique à six pans creux avec tête basse et trou de guidage              | A2 A4                 |
|  | DIN 6921        | Sechskantschrauben mit Flansch<br>Hexagon head screws with flange<br>Vis métaux tête hexagonale à embase lisse                                                                                                          | A2 A4                 |
|  | DIN 6923        | Sechskantmuttern mit Flansch ohne Sperrverzahnung<br>Hexagon flange nuts, without serration<br>Ecrous hexagonaux à embase                                                                                               | A2 A4                 |
|  | ISO 8750        | Spiral-Spannstifte<br>Spiral pins<br>Goupilles élastiques en spirale                                                                                                                                                    | A2                    |
|  | DIN 7349        | Scheiben für Schrauben mit schweren Spannhülsen<br>Washers for bolts with heavy spring pins<br>Rondelles pour vis avec goupilles élastique lourdes                                                                      | A2 A4                 |
|  | DIN 7500<br>C-Z | Gewindefurchende Linsenschrauben Form C, Kopf nach DIN 7985, Kreuzschlitz Z - Pozidrive<br>Thread rolling raised cheese head screws - Z ·<br>Vis format le filetage à tête cylindrique bombée, empreinte cruciforme - Z | A2                    |
|  | DIN 7500<br>M-Z | Gewindefurchende Senkschrauben, Form M, Kopf nach DIN 965, Kreuzschlitz Z - Pozidrive<br>Thread rolling countersunk head screws - Z ·<br>Vis formant le filetage à tête fraisée, empreinte cruciforme - Z               | A2                    |

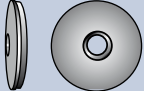
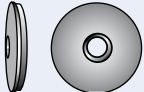
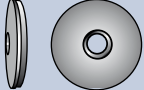
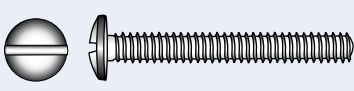
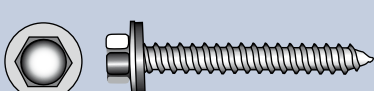
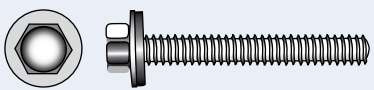
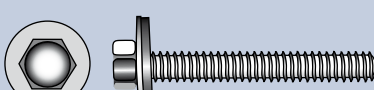
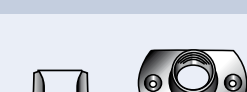
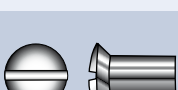
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|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
|    | DIN 7504<br>M-H             | Bohrschrauben mit Linsenkopf, Form M, für Weichmetalle (z.B. Aluminium), Kreuzschlitz H - Pozidrive<br>Self drilling screws with pan head -H<br>Vis auto-perçantes, tête cylindrique bombée - H                                                                                     | A2                    |
|    | DIN 7504<br>O-H             | Bohrschrauben mit Senkkopf, Form O, für Weichmetalle (z.B. Aluminium), Kreuzschlitz H - Phillips<br>Self drilling screws with countersunk head -H<br>Vis auto-perçantes, tête fraisée - H                                                                                           | A2                    |
|    | DIN 7504<br>K               | Bohrschrauben mit Sechskantkopf und Bund, Form K, für Weichmetalle (z.B. Aluminium)<br>Self drilling screws with hexagon head and flange<br>Vis auto-perçantes, tête hexagonale                                                                                                     | A2                    |
|   | DIN 7504<br>KO              | Bohrschrauben mit Sechskantkopf und Bund, Form K, für Weichmetalle (z.B. Aluminium) mit aufgesteckter A2 / EPDM- Dichtscheibe Ø 16 mm<br>Self drilling screws with hexagon head and flange with assembled sealing washers 16mm<br>Vis autopercantes, tête hexagonale avec rondelles | A2                    |
|  | DIN 7967                    | Sicherungsmuttern<br>Self locking counter nuts<br>Ecrous de sécurité                                                                                                                                                                                                                | A2    A4              |
|  | DIN 7971<br>C<br>ISO 1481   | Zylinder-Blechschauben mit Schlitz (Form C mit Spitze)<br>Slotted pan head tapping screws<br>Vis à tête cylindrique large, fendue                                                                                                                                                   | A2                    |
|  | DIN 7972<br>C<br>ISO 1482   | Senk-Blechschauben mit Schlitz (Form C mit Spitze)<br>Slotted countersunk head tapping screws<br>Vis à tôle à tête fraisée, fendue                                                                                                                                                  | A2                    |
|  | DIN 7973<br>C<br>ISO 1483   | Linsensenk-Blechschauben mit Schlitz (Form C mit Spitze)<br>Slotted raised countersunk head tapping screws<br>Vis à tôle à tête fraisée bombée, fendue                                                                                                                              | A2                    |
|  | DIN 7976<br>C<br>ISO 1479   | Sechskant-Blechschauben (Form C mit Spitze)<br>Hexagon head tapping screws<br>Vis à tôle à tête hexagonal                                                                                                                                                                           | A2                    |
|  | DIN 7980                    | Federringe für Zylinderschrauben<br>Spring lock washers for screws with cylindrical heads<br>Rondelles élastique sans becs pour vis à tête cylindrique                                                                                                                              | A2    A4              |
|  | DIN 7981<br>C-H<br>ISO 7049 | Linsenkopf-Blechschauben (Form C mit Spitze), Kreuzschlitz H - Phillips · Cross recessed pan head tapping screws - H · Vis à tôle à tête cylindrique bombée large à empreinte cruciforme - H                                                                                        | A2    A4              |

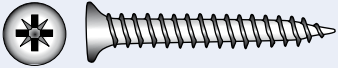
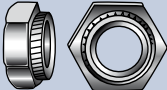
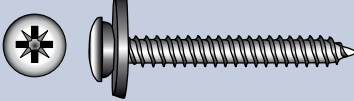
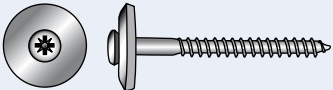
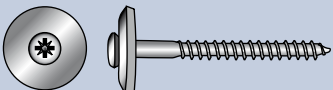
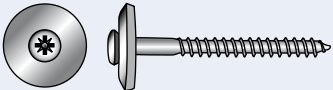
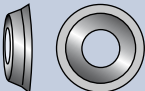


|                                                                                     | DIN<br>EN ISO                | Bezeichnung<br>Description                                                                                                                                                                                                 | Werkstoff<br>Material |    |
|-------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | DIN 7981<br>C-Z<br>ISO 7049  | Linsenkopf-Blechschauben (Form C mit Spitze),<br>Kreuzschlitz Z - Pozidrive · Cross recessed<br>pan head tapping screws - Z · Vis à tôle à tête<br>cylindrique bombée large à empreinte cruciforme - Z                     | A2                    | A4 |
|    | DIN 7981<br>C-TX<br>ISO 7049 | Linsenkopf-Blechschauben (Form C mit Spitze), mit<br>Innensechsrund · Pan head tapping screws, six lobe drive<br>Vis tôle T.C.L., à six lobes intérieurs                                                                   | A2                    | A4 |
|    | DIN 7982<br>C-H<br>ISO 7050  | Senk-Blechschauben (Form C mit Spitze),<br>Kreuzschlitz H - Phillips · Cross recessed countersunk<br>head tapping screws - H · Vis à tôle à tête fraisée à<br>empreinte cruciforme, à bout pointu - H                      | A2                    | A4 |
|    | DIN 7982<br>C-Z<br>ISO 7050  | Senk-Blechschauben (Form C mit Spitze),<br>Kreuzschlitz Z - Pozidrive · Cross recessed countersunk<br>head tapping screws - Z · Vis à tôle à tête fraisée<br>à empreinte cruciforme, à bout pointu - Z                     | A2                    | A4 |
|  | DIN 7982<br>C-TX<br>ISO 7050 | Senk-Blechschauben (Form C mit Spitze), mit<br>Innensechsrund · Countersunk head tapping screws,<br>six lobe drive · Vis tôle T.F., à lobes intérieurs                                                                     | A2                    | A4 |
|  | DIN 7983<br>C-H<br>ISO 7051  | Linsensenk-Blechschauben (Form C mit Spitze),<br>Kreuzschlitz H - Phillips · Cross recessed raised<br>countersunk head tapping screws - H · Vis à tôle à tête<br>fraisée bombée à empreinte cruciforme, à bout pointu - H  | A2                    | A4 |
|  | DIN 7983<br>C-Z<br>ISO 7051  | Linsensenk-Blechschauben (Form C mit Spitze),<br>Kreuzschlitz Z - Pozidrive · Cross recessed raised<br>countersunk head tapping screws - Z · Vis à tôle à tête<br>fraisée bombée à empreinte cruciforme, à bout pointu - Z | A2                    | A4 |
|  | DIN 7983<br>C-TX<br>ISO 7051 | Linsensenk-Blechschauben (Form C mit Spitze), mit<br>Innensechsrund · Raised countersunk head tapping<br>screws, six lobe drive · Vis tôle T.F.B., à six lobes intérieurs                                                  | A2                    | A4 |
|  | DIN 7984                     | Zylinderschrauben mit Innensechskant und<br>niedrigem Kopf · Hexagon socket head cap screws with<br>low head · Vis à tête cylindrique à six pans creux avec<br>tête basse                                                  | A2                    | A4 |
|  | DIN 7985<br>H<br>ISO 7045    | Linsenschrauben, Kreuzschlitz H - Phillips<br>Cross recessed raised cheese head screws - H · Vis à<br>tête cylindrique bombée à empreinte cruciforme - H                                                                   | A2                    | A4 |
|  | DIN 7985<br>Z<br>ISO 7045    | Linsenschrauben, Kreuzschlitz Z - Pozidrive<br>Cross recessed raised cheese head screws - Z · Vis à tête<br>cylindrique bombée à empreinte cruciforme - Z                                                                  | A2                    | A4 |

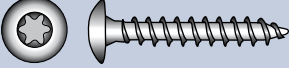
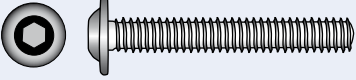
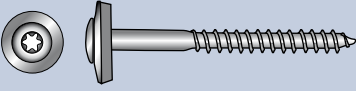
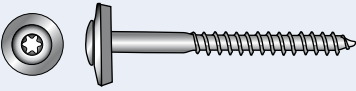
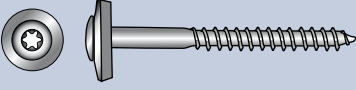
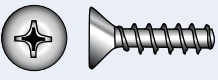
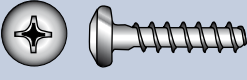
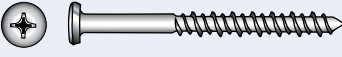
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|-------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | DIN 7985<br>TX<br>ISO 7045  | Linsenschrauben, Innensechsrund<br>Pan head screws, six lobe drive<br>Vis à tête cylindrique bombée à six lobes intérieurs                                                                           | A2                    | A4 |
|    | DIN 7989                    | Scheiben für Stahlkonstruktionen<br>Washers for steel constructions<br>Rondelles pour constructions en metal                                                                                         | A2                    | A4 |
|    | DIN 7991                    | Senkschrauben mit Innensechskant<br>Hexagon socket countersunk head screws<br>Vis à tête fraisée à six pans creux                                                                                    | A2                    | A4 |
|    | DIN 7991<br>TX              | Senkschrauben, Innensechsrund<br>Countersunk head screws, six lobe drive<br>Vis à tête fraisée à six lobes intérieurs                                                                                | A2                    | A4 |
|   | DIN 7995<br>Z               | Linsensenk-Holzschrauben, Kreuzschlitz Z - Pozidrive<br>Cross recessed raised countersunk head wood screws - Z<br>Vis à bois à tête fraisée bombée avec empreinte cruciforme - Z                     | A2                    |    |
|  | DIN 7996<br>Z               | Halbrund-Holzschrauben, Kreuzschlitz Z - Pozidrive<br>Cross recessed round head wood screws - Z<br>Vis à bois à tête ronde avec empreinte cruciforme - Z                                             | A2                    |    |
|  | DIN 7997<br>Z               | Senk-Holzschrauben, Kreuzschlitz Z - Pozidrive<br>Cross recessed countersunk head wood screws - Z<br>Vis à bois à tête fraisée bombée avec empreinte cruciforme - Z                                  | A2                    |    |
|  | DIN 9021<br>ISO 7093        | Unterlegscheiben, Außendurchmesser ~3 x<br>Schraubendurchmesser · Washers with outside<br>diameter ~3 x nominal thread diameter · Rondelles,<br>diamètre extérieur ~3 x diamètre nominal de filetage | A2                    | A4 |
|  | DIN 11024                   | Federstecker, doppelte Ausführung<br>Cotter pins<br>Goupilles ressort double                                                                                                                         |                       | A4 |
|  | ISO<br>32501/3<br>DIN 13918 | Gewindebolzen Form PT<br>Welding bolts<br>Goujon à souder avec filetage extérieur                                                                                                                    | A2                    |    |
|  | DIN<br>80701                | Knebelmuttern<br>Toggle nuts<br>Ecrous papillon                                                                                                                                                      |                       | A4 |
|  | DIN<br>80704                | Korbmuttern<br>Bow nuts<br>Anneau pour sangle                                                                                                                                                        |                       | A4 |

|                                                                                     | DIN<br>EN ISO    | Bezeichnung<br>Description                                                                                                                                                                                                                                                                                  | Werkstoff<br>Material |    |
|-------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | Art.-Nr.<br>9044 | SP-Drill Seko-Holzbauschrauben mit Bohrspitze, Innensechsrund, Fräsrippen, verstärkter Kopf, gleitbeschichtet · Countersunk head chipboard screws, six lobe drive and drilling-point, double head, waxed ribs under the head · Vis auto-perçantes pour agglomérés avec tête fraisée, à six lobes intérieurs | A2                    |    |
|    | Art.-Nr.<br>9045 | Rundkopf-Spanplattenschrauben, mit verstärktem Kopf, gleitbeschichtet, Innensechsrund<br>Pan head chipboard screws, six lobe drive · Vis pour agglomérés avec tête cylindrique, à six lobes intérieurs                                                                                                      | A2                    | A4 |
|    | Art.-Nr.<br>9046 | Linsensenkkopf-Spanplattenschrauben, gleitbeschichtet, Innensechsrund · Raised countersunk head chipboard screws, six lobe drive · Vis pour agglomérés avec tête fraisée bombée à six lobes intérieurs                                                                                                      | A2                    | A4 |
|  | Art.-Nr.<br>9047 | Senkkopf-Spanplattenschrauben, gleitbeschichtet, Innensechsrund<br>Countersunk head chipboard screws, six lobe drive<br>Vis pour agglomérés avec tête fraisée, à six lobes intérieurs                                                                                                                       | A2                    | A4 |
|  | Art.-Nr.<br>9048 | Rundkopf-Spanplattenschrauben, gleitbeschichtet, Kreuzschlitz Z - Pozidrive<br>Coss recessed pan head chipboard screws - Z<br>Vis pour agglomérés avec tête cylindrique - Z                                                                                                                                 | A2                    |    |
|  | Art.-Nr.<br>9049 | Linsensenkkopf-Spanplattenschrauben, gleitbeschichtet, Kreuzschlitz Z - Pozidrive<br>Cross recessed raised chipboard screws - Z<br>Vis pour agglomérés avec tête fraisée bombée - Z                                                                                                                         | A2                    |    |
|  | Art.-Nr.<br>9050 | Senkkopf-Spanplattenschrauben, gleitbeschichtet, Kreuzschlitz Z - Pozidrive<br>Cross recessed countersunk chipboard screws - Z<br>Vis pour agglomérés avec tête fraisée - Z                                                                                                                                 | A2                    | A4 |
|  | Art.-Nr.<br>9051 | Blebschrauben mit Innensechskant-Zylinderkopf<br>Kopf nach DIN 912 · Tapping screws with head DIN 912 · Vis à tôle avec tête cylindrique DIN 912                                                                                                                                                            | A2                    | A4 |
|  | ISO<br>15983     | Blindnieten mit Flachkopf und gerilltem Nietdorn, ähnl. DIN 7337<br>Blind rivets, with break mandrel · Rivets aveugles                                                                                                                                                                                      | A2                    |    |
|  | ISO<br>7380-1    | Linsenkopfschrauben mit Innensechskant<br>Button head screws<br>Vis à tête bombée à six pans creux                                                                                                                                                                                                          | A2                    | A4 |

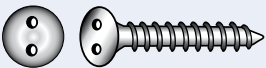
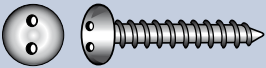
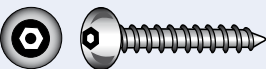
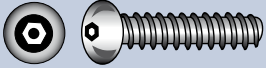
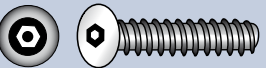
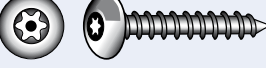
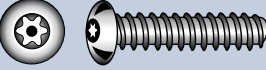
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|-------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
|    | Art.-Nr.<br>9054    | Karoscheiben<br>Washers<br>Rondelles de carrosserie                                                                                                                | A2 A4                 |
|    | Art.-Nr.<br>9055    | Dichtscheiben für Senkschrauben, mit EPDM-Beschichtung · Sealing washers for countersunk screws with EPDM coating / Rondelles d'étanchéité                         | A2                    |
|    | Art.-Nr.<br>9055    | Dichtscheiben für Senkschrauben mit EPDM-Beschichtung, Kupfer · Sealing washers with EPDM coating, for countersunk screws, copper · Rondelles d'étanchéité         | A2                    |
|    | Art.-Nr.<br>9055    | Dichtscheiben für Sechskantschrauben, mit EPDM-Beschichtung · Sealing washers for hexagon bolts, with EPDM coating · Rondelles d'étanchéité                        | A2                    |
|   | Art.-Nr.<br>27128   | Flachrundschraben NF E 27-128<br>Slotted mushroom head screws<br>Vis à tête bombée, fendue                                                                         | A2                    |
|  | Art.-Nr.<br>9057 A  | Fassadenbauschrauben A (mit Spitze) mit aufgezogener U-Scheibe aus Edelstahl und aufvulkanisierter EPDM-Dichtung<br>Self-sealing cladding screws · Vis de façades  | A2                    |
|  | Art.-Nr.<br>9057 BZ | Fassadenbauschrauben BZ (mit Zapfen) mit aufgezogener U-Scheibe aus Edelstahl und aufvulkanisierter EPDM-Dichtung<br>Self-sealing cladding screws · Vis de façades | A2                    |
|  | Art.-Nr.<br>9058    | Gewindeeinssätze, selbstschneidend<br>Selftapping inserts<br>Douilles filetées, auto-taraudage                                                                     | A2                    |
|  | Art.-Nr.<br>9059 A  | Fassadenbauschrauben A (mit Spitze) mit aufgezogener U-Scheibe aus Edelstahl und aufvulkanisierter EPDM-Dichtung<br>Self-sealing cladding screws · Vis de façades  | A2                    |
|  | Art.-Nr.<br>9059 BZ | Fassadenbauschrauben BZ (mit Zapfen) mit aufgezogener U-Scheibe aus Edelstahl und aufvulkanisierter EPDM-Dichtung<br>Self-sealing cladding screws · Vis de façades | A2                    |
|  | Art.-Nr.<br>9060    | Anschweissmuttern, Ausführung A, Schweißbuckel-Richtung unten<br>Weld-on nuts - A · Erous souder entièrement filetés - A                                           | A2                    |
|  | Art.-Nr.<br>9061    | Hülsenmuttern mit Schlitz, Linsensenkkopf<br>Sleeve nuts, threaded inside<br>Erous à douille fendus                                                                | A2 A4                 |

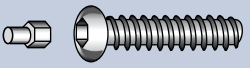
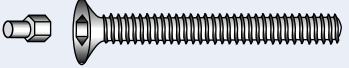
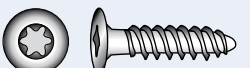
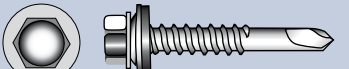
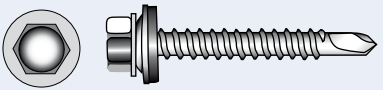
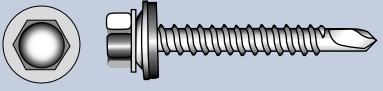
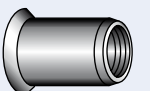
|                                                                                     | DIN<br>EN ISO                  | Bezeichnung<br>Description                                                                                                                                                                                                                                                                                                                                         | Werkstoff<br>Material |    |
|-------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|
|    | Art.-Nr.<br>9063               | Scharnierbandschrauben, Kopf Ø 5,0 mm<br>Hinge tape chipboard screws, head 5,0 mm<br>Vis Agglo. T.F pour charnières                                                                                                                                                                                                                                                | A2                    | A4 |
|    | Art.-Nr.<br>9064               | Sechskant-Einpressmutter<br>Insert-press nuts<br>Ecrous à serrer, six pans                                                                                                                                                                                                                                                                                         | A2                    |    |
|    | Art.-Nr.<br>9065               | Blehschrauben mit Kappenkopf,<br>ähnlich DIN 7981,- Kreuzschlitz H - Phillips<br>Self tapping screws with caphead, similar to DIN 7981<br>Vis à tôle avec tête de calotte                                                                                                                                                                                          | A2                    |    |
|   | Art.-Nr.<br>9066               | Fensterbankschrauben mit Blehschraubenge-<br>winde fertig montiert mit Polyamid-Unterleg-<br>scheiben, Kappenkopf ähnl. DIN 7981, Kreuz-<br>schlitz Z - Pozidrive<br>Special screws for window boards mounted with<br>polyamid washers, self tapping thread - Z<br>Vis spéciales pour fenêtres montée avec rondelles<br>polyamid en version: filetage vis tôle - Z | A2                    |    |
|  | Art.-Nr.<br>9067<br>TX<br>9087 | Spenglerschrauben / 15, (DIN 7995 Z mit auf-<br>vulkanisierter EPDM Dichtscheibe, fertig montiert)<br>Cross recessed raised countersunk head wood screws<br>(DIN 7995 Z) + sealing washers<br>Vis bois (DIN 7995 Z) avec rondelles EPDM                                                                                                                            | A2                    |    |
|  | Art.-Nr.<br>9068               | Spenglerschrauben / 20, (DIN 7995 Z mit auf-<br>vulkanisierter EPDM Dichtscheibe, fertig montiert)<br>Cross recessed raised countersunk head wood screws<br>(DIN 7995 Z) + sealing washers<br>Vis bois (DIN 7995 Z) avec rondelles EPDM                                                                                                                            | A2                    |    |
|  | Art.-Nr.<br>9069<br>TX<br>9089 | Spenglerschrauben / 25, (DIN 7995 Z mit auf-<br>vulkanisierter EPDM Dichtscheibe, fertig montiert)<br>Cross recessed raised countersunk head wood screws<br>(DIN 7995 Z) + sealing washers<br>Vis bois (DIN 7995 Z) avec rondelles EPDM                                                                                                                            | A2                    |    |
|  | Art.-Nr.<br>9070               | Gewinderundmuffen mit durchgehendem-<br>Innengewinde<br>Round coupler nuts · Ecrous rondes de jonction                                                                                                                                                                                                                                                             | A2                    | A4 |
|  | Art.-Nr.<br>9071               | Gewindesechskantmuffen mit durchgehendem<br>Innengewinde<br>Hexagon coupler nuts · Ecrous hexagonaux de jonction                                                                                                                                                                                                                                                   | A2                    | A4 |
|  | Art.-Nr.<br>27-619             | Rosetten, Vollmetall NF E 27-619<br>Rosettes, turned full body, 90°<br>Rondelles cuvettes usiné                                                                                                                                                                                                                                                                    | A2                    | A4 |



|                                                                                     | DIN<br>EN ISO    | Bezeichnung<br>Description                                                                                                                                                                                                                                                | Werkstoff<br>Material |
|-------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
|    | Art.-Nr.<br>9082 | Stockschrauben mit Holz- und ISO-Gewinde<br>Dowel screws with wood and ISO thread<br>Vis sans tête avec filetage à bois et métaux (ISO)                                                                                                                                   | A2 A4                 |
|    | Art.-Nr.<br>9083 | Türbandschrauben, Rundkopf, Innensechsrund<br>Hinge-strip screws<br>Vis de penture                                                                                                                                                                                        | A2                    |
|    | ISO<br>7380-2    | Linsenkopfschrauben mit Innensechskant und Flansch ISO 7380 F · Flange button head socket screws<br>Vis à creux, tête bombée à embase                                                                                                                                     | A2 A4                 |
|    | Art.-Nr.<br>9085 | Kombimuttern mit beweglicher Scheibe<br>Nut-and-washer assembly<br>Ecrous sertis sur rondelle                                                                                                                                                                             | A2                    |
|   | Art.-Nr.<br>9086 | Flachrundkopf-Holzschrauben "Trespo" mit Innensechsrund TX 20 · Thrushead screws for wood constructions - TX 20 · Vis de façades - TX 20                                                                                                                                  | A2                    |
|  | Art.-Nr.<br>9087 | Spenglerschrauben / 15, (DIN 7995 TX mit aufvulkanisierter EPDM Dichtscheibe, fertig montiert), Innensechsrund · Raised countersunk head wood screws (DIN 7995 TX) + sealing washers, six lobe drive · Vis bois (DIN 7995 TX) avec rondelles EPDM, à six lobes intérieurs | A2                    |
|  | Art.-Nr.<br>9088 | Spenglerschrauben / 20, (DIN 7995 TX mit aufvulkanisierter EPDM Dichtscheibe, fertig montiert), Innensechsrund · Raised countersunk head wood screws (DIN 7995 TX) + sealing washers, six lobe drive · Vis bois (DIN 7995 TX) avec rondelles EPDM, à six lobes intérieurs | A2                    |
|  | Art.-Nr.<br>9089 | Spenglerschrauben / 25, (DIN 7995 TX mit aufvulkanisierter EPDM Dichtscheibe, fertig montiert), Innensechsrund · Raised countersunk head wood screws (DIN 7995 TX) + sealing washers, six lobe drive · Vis bois (DIN 7995 TX) avec rondelles EPDM, à six lobes intérieurs | A2                    |
|  | Art.-Nr.<br>9090 | Schrauben für Thermoplaste (TP) mit Senkkopf, Kreuzschlitz H - Phillips<br>TP screws, countersunk head, cross recessed - H<br>Vis - TP - à tête fraisée avec empreinte cruciforme - H                                                                                     | A2                    |
|  | Art.-Nr.<br>9091 | Schrauben für Thermoplaste (TP) mit Linsenkopf, Kreuzschlitz H - Phillips<br>TP screws, pan head, cross recessed - H<br>Vis - TP - à tête bombée avec empreinte cruciforme - H                                                                                            | A2                    |
|  | Art.-Nr.<br>9092 | Fassadenschrauben, HI-LO Gewinde und Zentrierspitze, Kreuzschlitz H - Phillips<br>Cladding screws, HI-LO thread and center point - H<br>Vis de Bardage Double Filet - H                                                                                                   | A2                    |

|  | DIN<br>EN ISO    | Bezeichnung<br>Description                                                                                                                             | Werkstoff<br>Material |
|--|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
|  | Art.-Nr.<br>9093 | Schnorr-Sicherungsscheiben "S"<br>Schnorr safety-washers type "S"<br>Rondelles de sécurité "S"                                                         | A2                    |
|  | Art.-Nr.<br>9094 | Hakenkopfschrauben Typ 50/30 mit<br>Sechskantmutter nach DIN 934<br>Hammer head screws for special purposes<br>Vis de suspension avec écrou hexagonal  | A4                    |
|  | Art.-Nr.<br>9095 | Hakenkopfschrauben Typ 40/22 mit<br>Sechskantmutter nach DIN 934<br>Hammer head screws for special purposes<br>Vis de suspension avec écrou hexagonal  | A4                    |
|  | Art.-Nr.<br>9096 | Hammerkopfschrauben Typ 38/17 mit<br>Sechskantmutter nach DIN 934<br>Hammer head screws for special purposes<br>Vis de suspension avec écrou hexagonal | A4                    |
|  | Art.-Nr.<br>9097 | Hammerkopfschrauben Typ 28/15 mit<br>Sechskantmutter nach DIN 934<br>Hammer head screws for special purposes<br>Vis de suspension avec écrou hexagonal | A2 A4                 |
|  | NF E<br>25-511   | AFNOR-Kontaktscheiben, Form M<br>AFNOR contact washers, type M<br>Rondelles de serrage AFNOR                                                           | A2                    |
|  | NF E<br>25-514   | AFNOR-Scheiben, Form: L, LL, M, Z<br>AFNOR washers<br>Rondelles AFNOR                                                                                  | A2 A4                 |
|  | Art.- Nr.        | Sicherheitsschrauben<br>Security screws                                                                                                                | Werkstoff<br>Material |
|  | Art.-Nr.<br>9100 | Zylinderkopf-Sicherheitsblechschrauben,<br>mit ZWEILOCH-ANTRIEB, Linsen Kopf Panhead<br>Security screws TWO-HOLE-DRIVE · Vis métaux TC-2 trous         | A2                    |
|  | Art.-Nr.<br>9101 | Zylinderkopf-Sicherheitsblechschrauben<br>mit ZWEILOCH- ANTRIEB, Linsen Kopf Panhead<br>Security screws TWO-HOLE-DRIVE · Vis métaux TC-2 trous         | A2                    |
|  | Art.-Nr.<br>9102 | Senkkopf-Sicherheitsblechschrauben<br>mit ZWEILOCH- ANTRIEB<br>Security screws TWO-HOLE-DRIVE · Vis métaux TC-2 trous                                  | A2                    |
|  | Art.-Nr.<br>9103 | Senkkopf-Sicherheitsschrauben, metrisch,<br>mit ZWEILOCH-ANTRIEB<br>Security screws TWO-HOLE-DRIVE · Vis métaux TC-2 trous                             | A2                    |

|                                                                                     | Art.- Nr.        | Sicherheitsschrauben<br>Security screws                                                                                                                                          | Werkstoff<br>Material |
|-------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
|    | Art.-Nr.<br>9104 | Liseko-Sicherheitsblechschrauben<br>mit ZWEILOCH-ANTRIEB,<br>Security screws TWO-HOLE-DRIVE · Vis tôle TFB-2 trous                                                               | A2                    |
|    | Art.-Nr.<br>9105 | Rundkopf-Sicherheitsblechschrauben,<br>mit ZWEILOCH-ANTRIEB · Security screws<br>TWO-HOLE-DRIVE · Vis tôle tête bombée - 2 trous                                                 | A2                    |
|    | Art.-Nr.<br>9110 | Flachrundkopf-Sicherheitsblechschrauben mit<br>INNENSECHSKANT und SICHERHEITS-PIN<br>Buttonhead security screws PIN-HEXAGON<br>Vis tôle tête bombée 6 pans creux + Téton         | A2                    |
|    | Art.-Nr.<br>9111 | Flachrundkopf-Sicherheitsschrauben, metrisch<br>(ISO 7380) mit INNENSECHSKANT und SICHERHEITS-PIN<br>Buttonhead security screws PIN-HEXAGON<br>Vis métaux tête bombée HC + Téton | A2                    |
|  | Art.-Nr.<br>9112 | Senkkopf-Sicherheitsblechschrauben mit<br>INNENSECHSKANT und SICHERHEITS-PIN<br>Security screws PIN-HEXAGON<br>Vis tôle TF 6 pans creux + Téton                                  | A2                    |
|  | Art.-Nr.<br>9113 | Senkkopf-Sicherheitsschrauben, metrische (ISO 7991)<br>mit INNENSECHSKANT und SICHERHEITS-PIN<br>Security screws PIN-HEXAGON · Vis métaux TFHC + Téton                           | A2                    |
|  | Art.-Nr.<br>9120 | Flachrundkopf-Sicherheitsblechschrauben, metrisch,<br>mit INNENSECHSRUND und SICHERHEITS-PIN<br>Security screws PIN-TX · Vis tôle tête bombée TX + Téton                         | A2                    |
|  | Art.-Nr.<br>9121 | Flachrundkopf-Sicherheitsschrauben, metrisch<br>(ISO 7380) mit INNENSECHSRUND und SICHERHEITS-PIN<br>Security screws PIN-TX<br>Vis métaux tête bombée TX + Téton                 | A2                    |
|  | Art.-Nr.<br>9122 | Senkkopf-Sicherheitsblechschrauben mit<br>INNENSECHSRUND und SICHERHEITS-PIN<br>Security screws PIN-TX · Vis tôle TF TX + Téton                                                  | A2                    |
|  | Art.-Nr.<br>9123 | Senkkopf-Sicherheitsschrauben, metrisch (DIN 7991)<br>mit INNENSECHSRUND und SICHERHEITS-PIN<br>Security screws PIN-TX · Vis métaux TF TX + Téton                                | A2                    |
|  | Art.-Nr.<br>9130 | Halbrundkopf-Sicherheitsblechschrauben<br>mit EINWEG-ANTRIEB<br>Security screws ONEWAY · Vis tôle TC fente SENS UNIQUE                                                           | A2                    |
|  | Art.-Nr.<br>9131 | Halbrundkopf-Sicherheitsschrauben, metrisch<br>(DIN 7991), mit EINWEG-ANTRIEB · Security<br>screws ONEWAY · Vis métaux TC fente SENS UNIQUE                                      | A2                    |

|                                                                                     | Art.- Nr.        | Sicherheitsschrauben<br>Security screws                                                                                                                                                                                                                                      | Werkstoff<br>Material |
|-------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
|    | Art.-Nr.<br>9132 | Linsensenkkopf-Blechschrauben<br>mit EINWEG-ANTRIEB · Security screws<br>ONEWAY · Vis tôle TFB fente SENS UNIQUE                                                                                                                                                             | A2                    |
|    | Art.-Nr.<br>9140 | Flachrundkopf-Sicherheitsschrauben ISK mit Stopfen,<br>metrisch (ISO 7380) · Hexagon socket<br>screws with plug · Vis métaux bombée HC avec bouchon à têt<br>blocage au marteau                                                                                              | A2                    |
|    | Art.-Nr.<br>9141 | Senkkopf-Sicherheitsschrauben ISK mit Stopfen,<br>metrisch (ISO 7991) · Hexagon socket<br>screws with plug · Vis métaux bombée HC avec bouchon<br>à têt<br>blocage au marteau                                                                                                | A2                    |
|    | Art.-Nr.<br>9150 | Abreissmuttern<br>Inviolable nuts<br>Ecrous autocassants                                                                                                                                                                                                                     | A2                    |
|                                                                                     | DIN<br>EN ISO    | Bezeichnung<br>Description                                                                                                                                                                                                                                                   | Werkstoff<br>Material |
|  | Art.-Nr.<br>1001 | A4 Stabdeckschrauben, Flachsenkkopf mit<br>TORX-Antrieb · Marine-woodfloor-screws with<br>TORX-drive · Vis pour sol de bois                                                                                                                                                  | A4                    |
|  | Art.-Nr.<br>1017 | Bohrschrauben mit Sechskantkopf für<br>kaltgewalzte Profile bis 3,5 mm Stärke<br>Hexagon head self-drilling screws, drill capacity up<br>to 3.5 mm material thickness · Visauto-percantes,<br>tête hexagonale, profil épaisseur jusque à 3,5 mm                              | A2                    |
|  | Art.-Nr.<br>1018 | Bohrschrauben mit Sechskantkopf für<br>kaltgewalzte Profile bis 6,0 mm Stärke<br>Hexagon head self-drilling screws, drill capacity up<br>to 6.0 mm material thickness · Visauto-percantes, tête<br>hexagonale, profil épaisseur jusque à 6,0 mm                              | A2                    |
|  | Art.-Nr.<br>1020 | Bohrschrauben mit Sechskantkopf für warm-<br>gewalzte Profile bis 6,0 - 12,5 mm Stärke<br>Hexagon head self-drilling screws, drill capacity from<br>6.0 up to 12.5 mm material thickness · Visauto-percantes,<br>tête hexagonale, profil épaisseur 6,0mm jusque<br>à 12,5 mm | A2                    |
|  | Art.-Nr.<br>1021 | Universal-Blind-Einnietmuttern, kleiner Senkkopf<br>Blind rivet nuts, small flat head<br>ecrous rivet aveugle                                                                                                                                                                | A2                    |

## Bolzenanker Wedge anchor



1024

Bolzenanker BZ für gerissenen und ungerissenen Beton / A4-AISI 316

Wedge anchor BZ for cracked and non-cracked concrete / Boulon d'ancrage

| Bestell-Nr.<br>Order no. | Bezeichnung<br>Description | Bolzenanker Ø<br>Wedge anchor Ø | Gesamtlänge<br>Total length | Gewinde<br>Thread | Klemmstärke<br>Fixture thickness | Effektive Verankerungstiefe<br>Effective anchorage depth | Bohrlochtiefe<br>Depth of drill hole | Zulässige Zuglasten in KN in<br>gerissenem Beton C 20/25<br>Permitted tension load in KN in<br>cracked concrete C 20/25 | Zulässige Zuglasten in KN in<br>ungerissenem Beton C 20/25<br>Permitted tension load in KN in<br>non-cracked concrete C 20/25 | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------|---------------------------------|-----------------------------|-------------------|----------------------------------|----------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----|----------------------|
| 1024408 10               | BZ 8-10/75                 | 8                               | 75                          | M8x20             | 10                               | 46                                                       | 60                                   | 2,4                                                                                                                     | 5,7                                                                                                                           | 100 | 2,90                 |
| 1024408 15               | BZ 8-15/80                 | 8                               | 80                          | M8x25             | 15                               | 46                                                       | 60                                   | 2,4                                                                                                                     | 5,7                                                                                                                           | 100 | 3,00                 |
| 1024410 10               | BZ 10-10/90                | 10                              | 90                          | M10x20            | 10                               | 75                                                       | 75                                   | 4,3                                                                                                                     | 7,6                                                                                                                           | 50  | 4,00                 |
| 1024410 15               | BZ 10-15/95                | 10                              | 95                          | M10x25            | 15                               | 60                                                       | 75                                   | 4,3                                                                                                                     | 7,6                                                                                                                           | 50  | 4,20                 |
| 1024410 30               | BZ 10-30/110               | 10                              | 110                         | M10x40            | 30                               | 60                                                       | 75                                   | 4,3                                                                                                                     | 7,6                                                                                                                           | 50  | 4,80                 |
| 1024412 15               | BZ 12-15/110               | 12                              | 110                         | M12x30            | 15                               | 65                                                       | 90                                   | 5,7                                                                                                                     | 9,5                                                                                                                           | 25  | 6,80                 |
| 1024412 30               | BZ 12-30/125               | 12                              | 125                         | M12x45            | 30                               | 65                                                       | 90                                   | 5,7                                                                                                                     | 9,5                                                                                                                           | 25  | 7,20                 |
| 1024412 50               | BZ 12-50/145               | 12                              | 145                         | M12x65            | 50                               | 65                                                       | 90                                   | 5,7                                                                                                                     | 9,5                                                                                                                           | 25  | 8,80                 |
| 1024416 25               | BZ 16-25/145               | 16                              | 145                         | M16x45            | 25                               | 85                                                       | 110                                  | 11,9                                                                                                                    | 16,7                                                                                                                          | 20  | 14,00                |

## Bolzenanker Wedge anchor



1025

Bolzenanker B für ungerissenen Beton / A4-AISI 316

Wedge anchor B for non-cracked concrete / Boulon d'ancrage

| Bestell-Nr.<br>Order no. | Bezeichnung<br>Description | Bolzenanker Ø<br>Wedge anchor Ø | Gesamtlänge<br>Total length | Gewinde<br>Thread | Klemmstärke<br>Fixture thickness | Verankerungstiefe<br>Anchorage depth | Bohrlochtiefe<br>Depth of drill hole | Zulässige Zuglasten in KN in<br>ungerissenem Beton C 20/25<br>Permitted tension load in KN in<br>non-cracked concrete C 20/25 | Box | *€/Stück<br>*€/piece |
|--------------------------|----------------------------|---------------------------------|-----------------------------|-------------------|----------------------------------|--------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----|----------------------|
| 1025408 10               | B 8-10-19/75               | 8                               | 80                          | M8x22             | 10                               | 44                                   | 50                                   | 5,7                                                                                                                           | 100 | 2,90                 |
| 1025408 15               | B 8-15-24/80               | 8                               | 85                          | M8x45             | 15                               | 44                                   | 65                                   | 5,7                                                                                                                           | 100 | 3,00                 |
| 1025410 15               | B 10-15-21/90              | 10                              | 90                          | M10x45            | 15                               | 48                                   | 70                                   | 7,6                                                                                                                           | 100 | 4,00                 |
| 1025412 15               | B 12-15-30/110             | 12                              | 110                         | M12x65            | 15                               | 65                                   | 90                                   | 9,9                                                                                                                           | 50  | 6,00                 |
| 1025412 30               | B 12-30-45/125             | 12                              | 125                         | M12x70            | 30                               | 65                                   | 90                                   | 9,9                                                                                                                           | 25  | 7,20                 |
| 1025416 30               | B 16-30-46/150             | 16                              | 150                         | M16x80            | 30                               | 80                                   | 110                                  | 11,9                                                                                                                          | 25  | 13,20                |

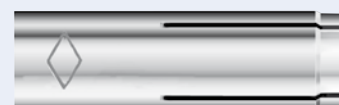


## Einschlaganker Drop in anchor

Einschlaganker für ungerissenen Beton / A4-AISI 316  
Drop-in anchor for non-cracked concrete

1026

| Bestell-Nr.<br>Order no. | Beschreibung<br>Description | Bohrloch Ø x Tiefe<br>Drill hole Ø x depth | Gewinde<br>Thread | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------|--------------------------------------------|-------------------|-----|----------------------|
| 1026406                  | E M 6                       | 8x30                                       | M6x13             | 100 | 2,70                 |
| 1026408                  | E M 8                       | 10x30                                      | M8x13             | 100 | 3,30                 |
| 1026410                  | E M 10                      | 12x40                                      | M10x15            | 50  | 4,80                 |
| 1026412                  | E M 12                      | 15x50                                      | M12x18            | 50  | 8,00                 |
| 1026416                  | E M 16                      | 20x65                                      | M16x23            | 25  | 15,90                |



## Ankerstange und Mörtelpatrone Threaded stud and Chemical Capsule

Ankerstange für ungerissenen Beton / A4-AISI 316  
Threaded stud for non-cracked concrete

1027

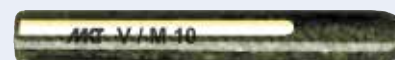
| Bestell-Nr.<br>Order no. | Beschreibung<br>Description | Gewinde<br>Thread | Bohrloch Ø x Tiefe<br>Drill hole Ø x depth | Max. Klemmstärke<br>Max. fixture thickness | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------|-------------------|--------------------------------------------|--------------------------------------------|-----|----------------------|
| 1027408                  | 8-20/110                    | M8                | 10x80                                      | 20                                         | 10  | 2,80                 |
| 1027410                  | 10-30/130                   | M10               | 12x90                                      | 30                                         | 10  | 4,40                 |
| 1027412                  | 12-35/160                   | M12               | 14x110                                     | 35                                         | 10  | 6,80                 |
| 1027416                  | 16-20/165                   | M16               | 18x125                                     | 20                                         | 10  | 13,20                |



Mörtelpatrone für ungerissenen Beton  
Chemical capsule for non-cracked concrete

1028

| Bestell-Nr.<br>Order no. | Beschreibung<br>Description | Für Gewinde<br>For thread | Box | *€/Stück<br>*€/piece |
|--------------------------|-----------------------------|---------------------------|-----|----------------------|
| 102808                   | V-P 8                       | M8                        | 10  | 1,60                 |
| 102810                   | V-P 10                      | M10                       | 10  | 1,70                 |
| 102812                   | V-P 12                      | M12                       | 10  | 1,80                 |
| 102816                   | V-P 16                      | M16                       | 10  | 2,30                 |









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