

PRODUCT CATALOGUE 2006/07

balustrading • shade sail • marine • lifting • rigging



Superior Service Quality Products

... high quality
stainless steel +
galvanised
hardware +
wire rope



BRISBANE / MELBOURNE

Service Industries

J&G Trading are importers and distributors of quality stainless steel & galvanised marine hardware, wire ropes, swage presses and stainless steel handrail components. Located in Brisbane, Queensland and Dandenong South, Victoria, we service many industries both locally and nationally, including:

- Chandlerys
 - Industrial Rigging & Lifting
 - Fasteners and Engineering Supplies
 - Balustrading Supplies
 - Fruit Growers
 - Shade Sail Manufacturers
 - Fishing Industry
 - Mining Industry
-

OUR MISSION

To provide excellence in customer service through the delivery of superior quality products, J & G Trading aims to lead through price competitiveness, innovation and integrity.



OUR PRODUCTS

Over 1500 stock product lines across a range of categories

In-house swaging, fabrication & assembly facilities

Strategic overseas alliances to provide the latest in global product trends

OUR FACILITIES

Showrooms, sales offices and warehouses in Brisbane & Melbourne

Extensive distributor network throughout Australia & New Zealand

Interactive website with all current products displayed

How to Use This Catalogue

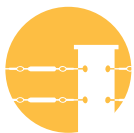
This catalogue has been created to aid in product selection, provide detailed product specifications, and assist with your ordering process. The information contained herein is subject to change without prior notice, and should not be used as an infallible guide to specifications.

Should you require further assistance or information on any of these products, please contact the supplier listed on the back of this catalogue.

All dimensions are in millimeters unless otherwise specified. The following is a list of abbreviated terms as contained in this catalogue:

- | | | | |
|-------------------|------------------------------|-------------------|-------------------------------|
| • B/S | Minimum Breaking Strain (Kg) | • RWL | Recommended Working Load (Kg) |
| • TDL | Total Deformation Load (Kg) | • Wgt | Weight of an item (g or Kg) |
| • AISI 304 | 304 Grade Stainless Steel | • AISI 316 | 316 Grade Stainless Steel |

Catalogue Sections



- Wire Rope



- S/Steel Hardware



- Galvanised Hardware



- Marine Hardware



- S/Steel Protectants



- Fasteners



- Specialised Tools

How to Order

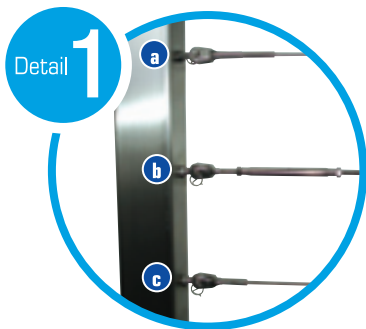
Contact the supplier listed on the back of this catalogue for further information on how to order these products. Please note that pricing, delivery charges, terms of payment and returns policies are set by the supplier listed on the back of this catalogue and also in the J & G Trading Product Pricelist.

Catalogue Acknowledgements

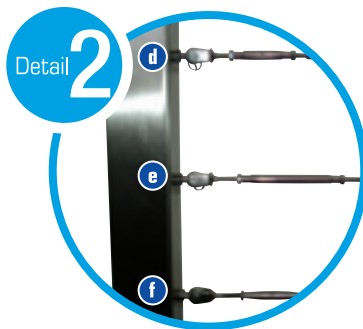
Produced and collated by the staff at J&G Trading June 2006

* Handrail Systems catalogue available on request from J & G Trading

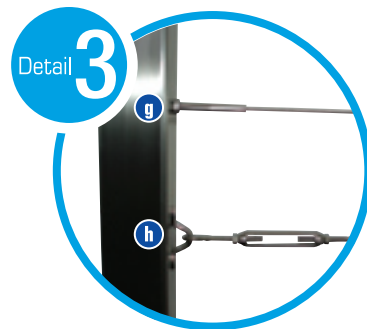
STAIRWAY TERMINATIONS



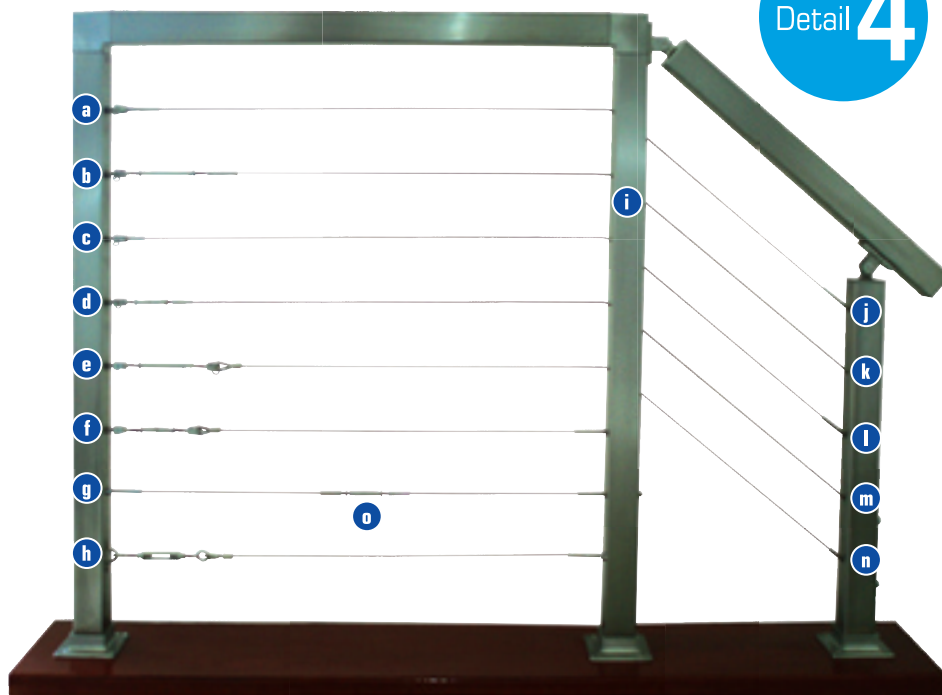
- a** Small Blind Rivet Nut + Nut + Eye Screw + Fork Terminal
- b** Small Blind Rivet Nut + Nut + Eye Screw + Rigging Screw (J+S) 5mm
- c** Small Blind Rivet Nut + Nut + Eye Screw + Mini Fork Terminal



- d** Small Blind Rivet Nut + Nut + Eye Screw + Mini Rigging Screw (J+S) 5mm
- e** Small Blind Rivet Nut + Nut + Eye Screw + Rigging Screw (J+J) + Thimble + Ferrule
- f** Small Blind Rivet Nut + Nut + Eye Screw + Mini Rigging Screw (J+J) + Thimble + Ferrule



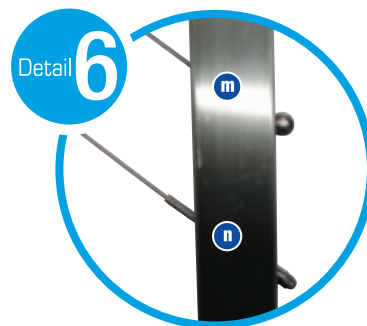
- g** Small Blind Rivet Nut + Threaded Terminal
- h** Saddle + Turnbuckle (E+E) + Thimble + Ferrule



- i** Detail of wire passing through mid section of handrail assembly

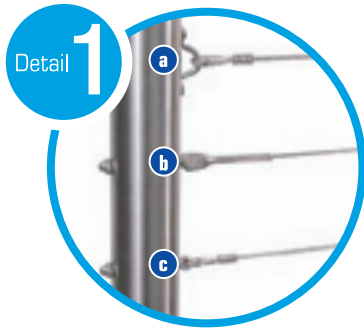


- j** Threaded Terminal + Bevelled Washer + Hex Head Tensioner
- k** Bevelled Washer + Button Head Terminal
- l** Threaded Terminal + Bevelled Washer + Allen Key Head Tensioner

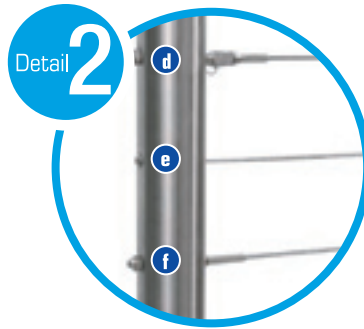


- m** Mini Threaded Terminal + Round Ball 6mm
- n** Threaded Terminal + Bevelled Washer + Dome Nut
- o** Mini Rigging Screw (Swage + Swage)

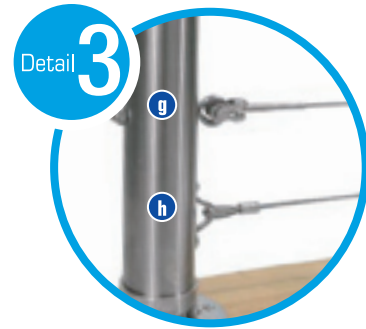
BALUSTRADING TERMINATIONS



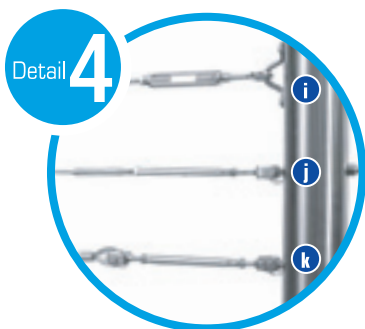
- a** Saddle + Thimble + Ferrule
- b** Eye Screw + Fork Terminal Swage
- c** Eye Screw + Thimble + Ferrule



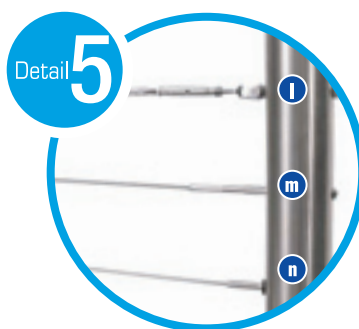
- d** Eye Screw + Mini Fork Terminal
- e** Button Head Swage
- f** Threaded Terminal + Nylon Bush



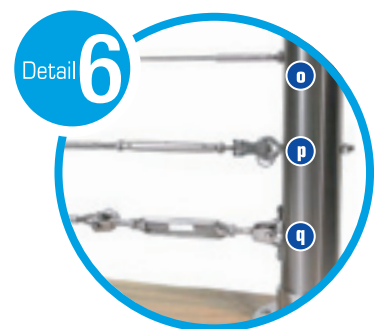
- g** Eye Bolt + Fork Terminal Toggle
- h** Saddle + Thimble + Ferrule



- i** Saddle + Turnbuckle + Thimble + Ferrule
- j** Eye Screw + Rigging Screw (J+S) 5mm
- k** Eye Screw + Rigging Screw (J+J) 5mm + Thimble + Ferrule



- l** Eye Screw + Mini Rigging Screw (J+S) 5mm
- m** Internal Threaded Terminal + Button Cap Screw
- n** Threaded Terminal + Nylon Bush



- o** Threaded Terminal + Tensioner
- p** Eye Bolt + Rigging Screw (T+S) 6mm
- q** Saddle + Turnbuckle (J+J) + Thimble + Ferrule

STAINLESS STEEL PROPERTIES

Stainless Steel Composition

Stainless Steel is an alloy that contains at least 50% iron and 10% chromium. The chromium slows down the corrosion process and plays a key part in defining stainless steel. Generally the higher the chromium percentage (up to 30%) the more corrosion resistance. Other elements are also added to enhance the properties of a particular grade and type of stainless steel.

Stainless Steel Grades

Stainless Steel alloys are grouped according to the structure of their crystals. Adding nickel creates the structure used in marine applications, called **austenitic**. Austenitic stainless steels are identified by their '300' series designation.

Grade '304' is used for rigging, fasteners, fittings, and propeller shafts. This grade is made up of 18% chromium and 8% nickel offering good corrosion resistance. Type 304 is the most common stainless steel produced, and satisfies a broad demand for adequate performance at an affordable price. Type 304 is inadequate for many marine applications.

Grade '316' offers the best corrosion resistance among standard stainless steels. Type 316 is made by adding more nickel and 2% molybdenum to Grade 304. It resists pitting and corrosion by most chemicals, and is particularly resistant to salt water corrosion, making it ideal for most marine applications. Type 316 is only about 85% as strong as Type 304.

Corrosion Definition

When stainless steel is produced, the chromium forms an outer oxide layer. As long as this layer remains intact, the stainless steel remains passive. Once the oxide layer begins to break down, the stainless steel becomes active and its corrosion resistance is reduced. Rust is the obvious, visible evidence of corrosive activity.

Grade '316'
Stainless Steel
for marine
applications





When used properly, stainless steel enjoys a strong and enduring reputation for visual appeal and structural integrity in a wide range of applications and environments.

Stainless Steel ‘Tea Staining’

Incorrect specification, fabrication or subsequent handling in coastal environments may cause stainless steel to stain or discolour, impairing the overall look. This brown discolouration, or tea staining has been identified in coastal applications in Australia and overseas.

Tea staining mostly occurs within about five kilometres of the beachfront, or a few hundred metres from a sheltered bay and worsens closer to the marine source. Other environmental factors may contribute to the problem such as wind exposure, industrial pollution, and elevated temperatures where tea staining may occur up to 20 kilometres from the sea. Tea staining can be controlled. It does not affect the structural integrity or the longevity of the material.

Design, Fabrication and Handling

Poor design and fabrication can lead to tea staining or more serious corrosion of stainless steels. In the design stage, it is advised to avoid crevices such as intermittent welds and areas where water can collect. During the fabrication process, it is advised to avoid carbon steel contamination.

Choose a smoother surface

Rough surface finishes promote tea staining. The main cause of this problem is salt deposited on the stainless steel surface. The smoother the surface the better. To reduce the risk of tea staining **choosing** or **creating** a smoother surface is an ideal combatant. Smoother surface finishes stay cleaner between washes and don't have deep surface grooves where chlorides and other contaminants can collect and concentrate.

A process called **pickling** may be used to remove surface contaminants, but may dull the surface. Alternately **electro polishing** may be used, and has the added benefit of brightening the surface.

Specify Grade ‘316’ Stainless Steel

As outlined in the previous section, Grade 316 is ideal for marine and highly corrosive environments. Regular maintenance and use of lanolin protective products will ensure the best resistance against tea staining and corrosive effects.

Maintenance and Protection

Even smooth stainless steel finishes in coastal environments may show tea staining if not washed regularly. Rain washing the stainless steel surface can help reduce tea staining, and should therefore be an important project design consideration. Best results are achieved by washing with soap or mild detergent and warm water followed by rinsing with clean cold water. Surface appearance may be further improved by wiping dry the washed surface and treating the stainless steel with **Inox** or **Polinox** Protective range. More information on these ranges can be found in this catalogue on pages 53-55.

For further information contact J & G Trading Pty Ltd

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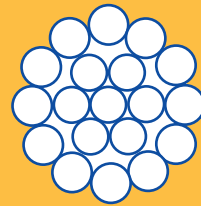
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WIRE ROPE 1X19 CONSTRUCTION AISI 316 (MARINE GRADE)

- Smooth finish wire, high tensile strength, limited flexibility and stretch
- Suits applications where wire will not be subject to bending stresses
- Use with standing rigging, mast stays, swage fittings in balustrading
- Highest resistance to tea staining

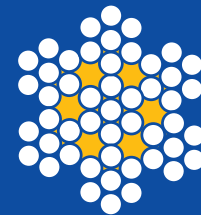
Code	Wire Ø	B/S	305M Reel	1000M Reel	Cut Lgths	Wgt/Reel (305M)
WR1191	1.0	81	Yes	-	Yes	1.6Kg
WR1191.2	1.2	126	Yes	-	Yes	2.5Kg
WR1191.6	1.6	182	Yes	-	Yes	4.0Kg
WR1192	2.0	323	Yes	-	Yes	6.2Kg
WR1192.5	2.5	504	Yes	-	Yes	9.7Kg
WR1193.2	3.2	848	Yes	Yes	Yes	15.9Kg
WR1194	4.0	1294	Yes	-	Yes	24.9Kg
WR1195	5.0	2019	Yes	-	Yes	38.9Kg
WR1196	6.0	2910	Yes	-	Yes	56.0Kg
WR1198	8.0	5044	Yes	-	Yes	97.0Kg
WR11910	10.0	7070	Yes	-	Yes	151.0Kg



WIRE ROPE 7X7 CONSTRUCTION AISI 316 (MARINE GRADE)

- Common semi-flexible wire suited for balustrading and general rigging applications
- Can be used with swage fittings or wire rope ferrules
- * Not suitable for use with wire rope ferrules

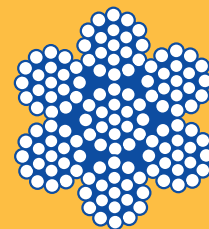
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WR77.6	0.6	20.7	Yes	-	Yes	0.5Kg
WR77.8	0.8	35.4	Yes	-	Yes	0.8Kg
WR771	1.0	52.5	Yes	-	Yes	1.3Kg
WR771.2	1.2	79.5	Yes	-	Yes	1.9Kg
WR771.6	1.6	124.0	Yes	Yes	Yes	2.9Kg
WR772	2.0	221.0	Yes	-	Yes	5.2Kg
WR772.5	2.5	345.0	Yes	-	Yes	8.1Kg
WR773.2	3.2	710.0	Yes	Yes	Yes	13.1Kg
WR774	4.0	884.0	Yes	Yes	Yes	20.5Kg
WR775*	5.0	1381.0	Yes	Yes	Yes	32.1Kg
WR776*	6.0	1989.0	Yes	-	Yes	46.2Kg
WR778*	8.0	3537.0	Yes	-	Yes	82.0Kg
WR7710*	10.0	5517.0	Yes	-	Yes	129.0Kg
WR7712*	12.0	7948.0	Yes	-	Yes	184.5Kg

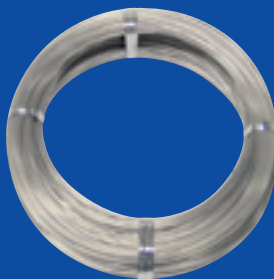
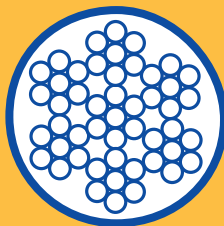
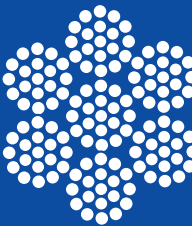


WIRE ROPE 7X19 CONSTRUCTION AISI 316 (MARINE GRADE)

- Highly flexible wire, suitable for running rigging, control cables, cranes and winches
- Easiest wire to hand swage

Code	Wire Ø	B/S	305M Reel	1000M Reel	Cut Lgths	Wgt/Reel (305M)
WR7191.6	1.6	118	Yes	-	Yes	2.9Kg
WR7192	2.0	204	Yes	-	Yes	5.0Kg
WR7192.5	2.5	319	Yes	-	Yes	7.9Kg
WR7193.2	3.2	710	Yes	Yes	Yes	12.8Kg
WR7194	4.0	817	Yes	Yes	Yes	20.1Kg
WR7195	5.0	1276	Yes	-	Yes	31.3Kg
WR7196	6.0	1837	Yes	-	Yes	45.1Kg
WR7198	8.0	3263	Yes	-	Yes	80.1Kg
WR71910	10.0	5106	Yes	-	Yes	125.1Kg
WR71912	12.0	7350	Yes	-	Yes	180.1Kg





WIRE ROPE 7X7 CONSTRUCTION AISI 304

- Semi-flexible wire suitable for internal use away from salt water and acidic environments

Code	Wire Ø	B/S	305M Reel	1000M Reel	Cut Lgths	Wgt/Reel (305M)
WR304771.2	1.2	89	Yes	-	Yes	1.9Kg
WR304771.6	1.6	139	Yes	Yes	Yes	2.9Kg
WR304773.2	3.2	798	Yes	Yes	Yes	13.1Kg

WIRE ROPE 7 X 19 CONSTRUCTION AISI 304

- Highly flexible wire, suitable for internal use away from salt water and acidic environments

Code	Wire Ø	B/S	305M Reel	Cut Lgths	Wgt/Reel
WR3047193.2	3.2	518	Yes	Yes	12.8Kg
WR3047194	4.0	921	Yes	Yes	20.1Kg
WR3047195	5.0	1440	Yes	Yes	31.3Kg
WR3047196	6.0	2077	Yes	Yes	45.1Kg
WR3047198	8.0	3685	Yes	Yes	80.1Kg

WIRE ROPE 7X7 CONSTR. PVC COATED AISI 316 (MARINE GRADE)

- PVC coated wire (white finish only)
- Suits safety lines, light industry and architectural applications

Code	Wire Ø	Total Ø	B/S	305M Reel	Cut Lgths	Wgt/Reel
WRPVC-0.8-2.4	0.8	2.4	35.4	Yes	Yes	0.8Kg
WRPVC-1.5-3.5	1.5	3.5	124.0	Yes	Yes	2.9Kg
WRPVC-2.0-3.0	2.0	3.0	221.0	Yes	Yes	9.5Kg
WRPVC-2.0-4.0	2.0	4.0	221.0	Yes	Yes	5.1Kg
WRPVC-2.5-4.5	2.5	4.5	345.0	Yes	Yes	8.2Kg
WRPVC-3.2-5.2	3.2	5.2	710.0	Yes	Yes	13.3Kg
WRPVC-4.0-6.0	4.0	6.0	884.0	Yes	Yes	28.5Kg
WRPVC-5.0-7.0	5.0	7.01	381.0	Yes	Yes	44.0Kg

TIE WIRE AISI 304

- Single strand locking wire
- Outdoor Tie wire, oyster farms, safety wire etc

Code	Wire Ø	Length	Reel
TW-0.5	0.50	642m	1Kg
TW-0.75	0.75	285m	1Kg
TW-0.90	0.90	198m	1Kg
TW-1.10	1.10	132m	1Kg

Wire rope looks great with handrail setups for modern decks + fencing applications



WIRE ROPE 6X7 FIBRE CORE GALVANISED GRADE 1570

- Semi flexible fibre core dry lube general purpose wire rope

Code	Wire Ø	B/S	100M Reel	500M Reel	1000M Reel	Cut Lgths	Wgt/Reel (1000M)
WR671.2	1.2	95	-	-	Yes	Yes	10.0Kg
WR671.6	1.6	150	-	-	Yes	Yes	12.5Kg
WR672	2.0	230	Yes	Yes	Yes	Yes	15.0Kg
WR672.5	2.5	360	Yes	Yes	Yes	Yes	23.0Kg

WIRE ROPE 6X19 FIBRE CORE GALVANISED GRADE 1570

- Flexible fibre core wire
- Suits, agriculture and general purpose applications

Code	Wire Ø	B/S	100M Reel	500M Reel	1000M Reel	Cut Lgths	Wgt/Reel (1000M)
WR6193	3.0	343	Yes	Yes	Yes	Yes	31.20Kg
WR6193.2	3.2	548	Yes	Yes	Yes	Yes	35.50Kg
WR6194	4.0	755	Yes	Yes	Yes	Yes	55.20Kg
WR6195	5.0	1176	Yes	Yes	Yes	Yes	86.50Kg
WR6196	6.0	1725	Yes	Yes	Yes	Yes	125.00Kg
WR6198	8.0	3028	Yes	Yes	Yes	Yes	221.00Kg
WR61910	10.0	4723	Yes	-	Yes	Yes	354.00Kg

WIRE ROPE 6X24 FIBRE CORE GALVANISED GRADE 1570

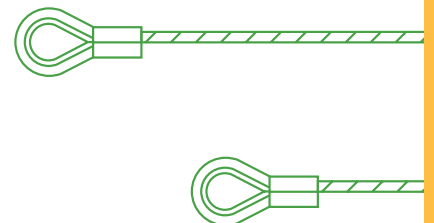
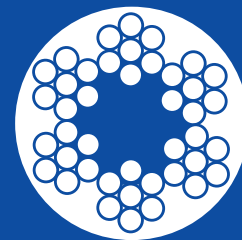
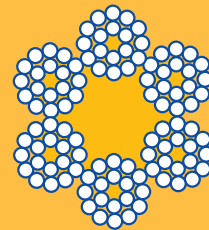
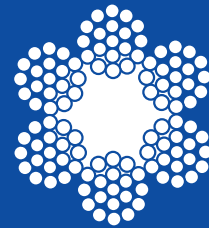
- Flexible fibre core dry lube wire rope for general purpose applications

Code	Wire Ø	B/S	1000M Reel	Cut Lgths	Wgt/Reel (1000M)
WR6248	8.0	3250	Yes	Yes	203.5Kg
WR62410	10.0	4312	Yes	Yes	318.0Kg
WR62412	12.0	6203	Yes	Yes	458.0Kg

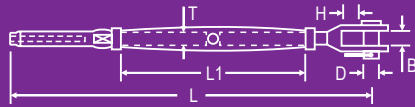
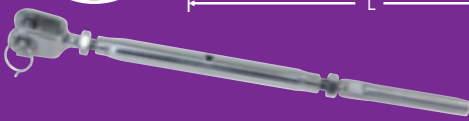
WIRE ROPE 6X7 FIBRE CORE GALVANISED PVC COATED GRADE 1570

- Semi flexible fibre core dry lube wire rope
- PVC coated in blue or red colours

Code	WIRE Ø	O.D.	B/S	Colour	150M Reel	300M Reel	Cut Lgths
WRPVC-G-2-B	2.0	3.0	230	Blue	Yes	Yes	Yes
WRPVC-G-2-R	2.0	3.0	230	Red	Yes	Yes	Yes
WRPVC-G-3-B	3.0	5.0	405	Blue	Yes	Yes	Yes
WRPVC-G-3-R	3.0	5.0	405	Red	Yes	Yes	Yes

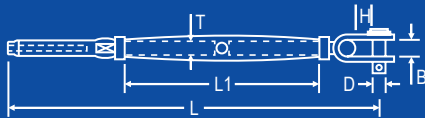
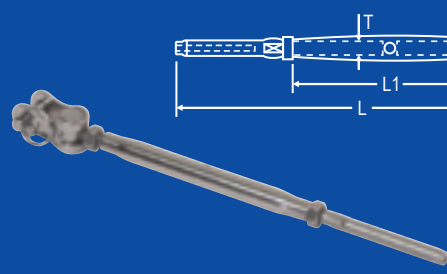


Use in conjunction
with C-SPAN-1
(Specialised Tools)



RIGGING SCREW JAW + SWAGE W/LOCK NUTS AISI 316

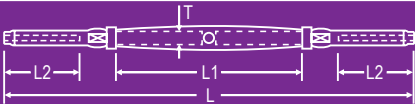
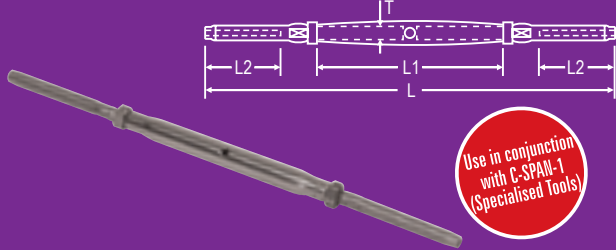
Code	Rope Ø	T	B	D	H	L	L1	RWL	TDL	Wgt
RS-JS-52.5	2.5	M5	8.5	5.0	9	155	80	150	750	52g
RS-JS-53	3.2	M5	8.5	5.0	9	155	80	150	750	52g
RS-JS-63	3.2	M6	9.5	6.0	10	175	95	250	1000	76g
RS-JS-64	4.0	M6	9.5	6.0	10	175	95	250	1000	80g
RS-JS-85	5.0	M8	10.5	8.0	10	205	105	350	1400	146g
RS-JS-106	6.0	M10	12.5	10.0	13	230	125	550	2200	278g
RS-JS-128	8.0	M12	15.5	12.0	19	290	150	1000	4000	477g



Use in conjunction
with C-SPAN-1
(Specialised Tools)

RIGGING SCREW TOGGLE + SWAGE W/LOCK NUTS AISI 316

Code	Rope Ø	T	B	D	H	L	L1	RWL	TDL	Wgt
RS-TS-63	3.2	M6	10.0	6.0	11	160	90	235	940	86g
RS-TS-64	4.0	M6	10.0	6.0	11	160	90	350	1400	82g
RS-TS-85	5.0	M8	10.0	8.0	16	200	112	450	1800	100g
RS-TS-106	6.0	M10	12.0	10.0	13	225	125	645	2500	290g
RS-TS-128	8.0	M12	14.0	12.0	19	285	150	925	3700	528g
RS-TS-1610	10.0	M16	17.0	15.0	37	360	190	1725	6900	1174g
RS-TS-1612	12.0	M16	17.0	15.0	26	360	190	1725	6900	1175g

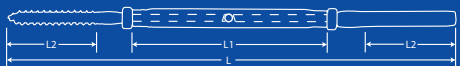
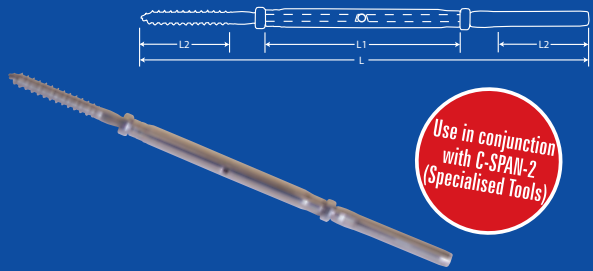


Use in conjunction
with C-SPAN-1
(Specialised Tools)

RIGGING SCREW SWAGE + SWAGE W/LOCK NUTS AISI 316

- In-line tensioner for long balustrading runs

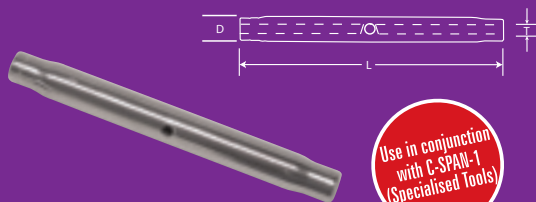
Code	Rope Ø	T	L	L1	L2	RWL	TDL	Wgt
RS-SS-53	3.2	M5	188	80	37	150	600	68g
RS-SS-63	3.2	M6	198	95	37	250	1000	70g



Use in conjunction
with C-SPAN-2
(Specialised Tools)

RIGGING SCREW LAG + SWAGE W/LOCK NUTS AISI 316

Code	Rope Ø	T	L	L1	L2	RWL	TDL	Wgt
RS-LS-53	3.2	M5	185	49	39	150	750	45g



Use in conjunction
with C-SPAN-1
(Specialised Tools)

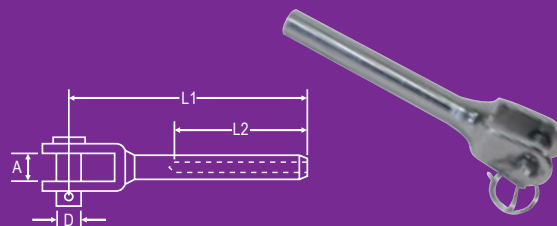
RIGGING SCREW BODY ONLY AISI 316

Code	T	D	L	Wgt
RS-BODY-M5	M5	8	80	16g
RS-BODY-M6	M6	10	95	28g
RS-BODY-M8	M8	13	105	68g
RS-BODY-M10	M10	17	125	82g



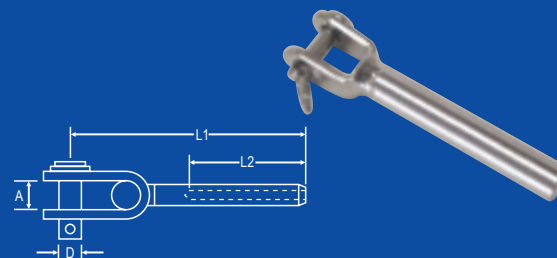
FORK TERMINAL SWAGE AISI 316

Code	Rope Ø	A	D	L1	L2	RWL	TDL	Wgt
FT-025	2.5	7.0	5	55	24	185	700	22g
FT-032	3.2	8.5	5	65	32	313	1250	22g
FT-04	4.0	9.5	6	77	40	450	1800	30g
FT-05	5.0	10.0	8	88	57	663	2650	68g
FT-06	6.0	14.0	12	106	63	1000	4000	112g
FT-08	8.0	15.0	14	145	85	1813	7250	292g
FT-10	10.0	22.0	14	149	89	2100	8400	351g



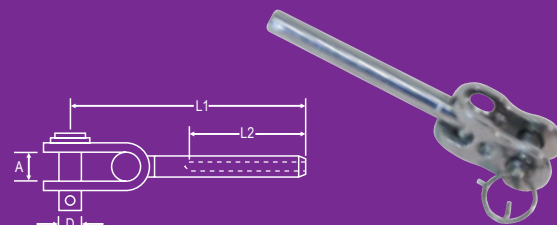
INTERNAL THREADED FORK TERMINAL AISI 316

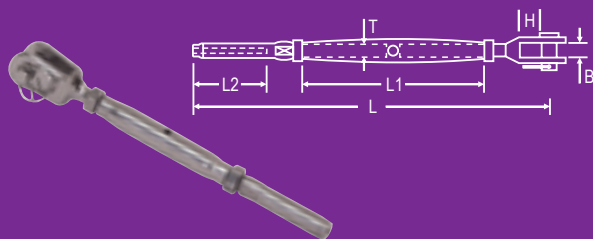
Code	T	A	D	L1	L2	Wgt
ITFT-6	M6	8.5	5	65	38	30g



FORK TERMINAL TOGGLE SWAGE AISI 316

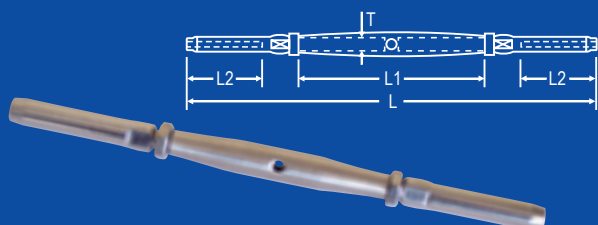
Code	Rope Ø	A	D	L1	L2	RWL	TDL	Wgt
FT-T-032	3.2	7	6	75	38	168	670	30g
FT-T-04	4.0	10	8	89	45	350	1400	58g
FT-T-05	5.0	12	9	104	51	425	1700	102g
FT-T-06	6.0	13	12	127	64	1000	4000	172g
FT-T-08	8.0	17	16	163	76	1750	7000	504g
FT-T-10	10.0	20	18	184	89	1875	7500	642g





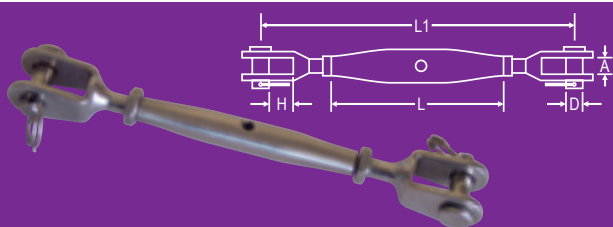
RIGGING SCREW JAW + SWAGE MINI TYPE AISI 316

Code	Rope Ø	T	B	H	L	L1	L2	RWL	TDL	Wgt
MRS-JS-53	3.2	M5	8.5	10	105	45	25	120	600	36g



RIGGING SCREW SWAGE + SWAGE MINI TYPE AISI 316

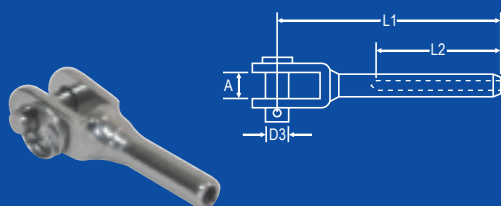
Code	Rope Ø	T	L	L1	L2	RWL	TDL	Wgt
MRS-SS-53	3.2	M5	125	50	27	250	1000	26g



RIGGING SCREW JAW + JAW MINI TYPE AISI 316

- A smaller fitting suitable for shorter balustrading runs

Code	T	A	D	H	L	L1	RWL	TDL	Wgt
MRS-JJ-05	M5	7.5	5	9	50	93	188	750	34g



FORK TERMINAL SWAGE MINI TYPE AISI 316

Code	Rope Ø	A	D3	L1	L2	RWL	TDL	Wgt
MFT-032	3.2	7.5	5	48	24	250	1000	18g

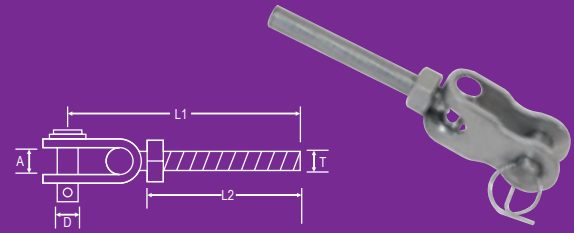


Use miniature parts for balustrading in limited spaces



FORK TERMINAL TOGGLE SCREW W/LOCK NUT AISI 316

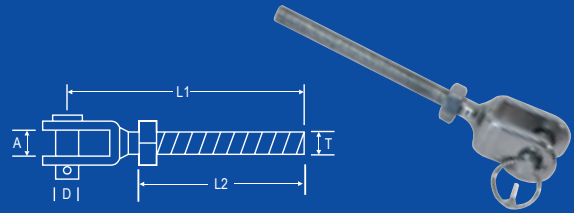
Code	T	A	D	L1	L2	RWL	TDL	Wgt
TS-06	M6	9.5	6	83	46	250	1000	36g
TS-08	M8	10.5	8	94	58	550	2200	76g
TS-12-2	M12	13.0	12	225	225	1250	5000	322g
TS-16-2	M16	16.5	16	285	225	2000	8000	661g



FORK TERMINAL SCREW W/LOCK NUT AISI 316

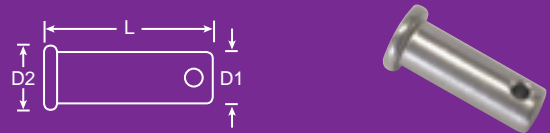
*Available in L/H Thread also

Code	T	A	D	L1	L2	RWL	TDL	Wgt
FT-S-05*	M5	8	5	65	43	188	750	16g
FT-S-06*	M6	10	6	73	48	250	1000	28g
FT-S-08*	M8	10	8	84	59	550	2200	56g
FT-S-10*	M10	12	10	102	64	750	3000	98g
FT-S-12*	M12	14	12	117	82	1250	5000	172g



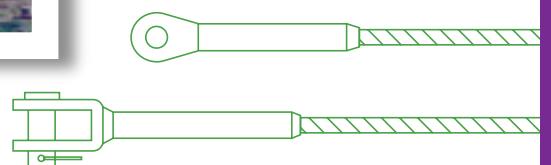
CLEVIS PIN REPLACEMENT AISI 316

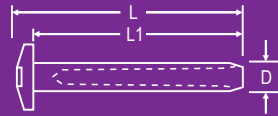
Code	D1	D2	L	Suit R/Screw	Wgt
CLEVIS-1	5.0	8.0	19	M5	3g
CLEVIS-2	6.0	9.0	21	M6	5g
CLEVIS-3	9.5	13.5	29	M10	16g



RETAINING CLIP REPLACEMENT AISI 316

Code	Ring Ø	Suit R/Screw
RC-1	11.0	M5
RC-2	17.0	M6
RC-3	32.0	M16





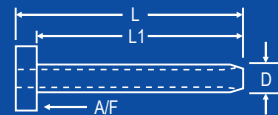
ALLEN KEY HEAD TENSIONER AISI 316

- Suitable for use with threaded terminals (see p15) in either stairway or horizontal balustrading applications
- Internal thread
- Use with bevelled washers to complete a staircase

Code Thread D L L1 Wgt

HTEN-5-316 M5 8 37 39 11g

HTEN-6-316 M6 7 42 40 8g



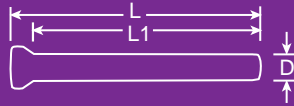
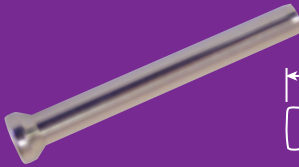
HEX HEAD TENSIONER AISI 304

- Suitable for use with threaded terminals (see p15) in either stairway or horizontal balustrading applications
- Internal thread
- Use with angled washers to complete a staircase

Code Thread A/F D L L1 Wgt

TEN-6 M6 12 8 39 35 8g

TEN-8 M8 12 10 39 35 9g



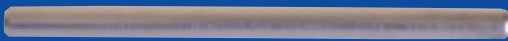
CONE HEAD TERMINAL AISI 316

- Gives a flush look to balustrade jobs when used in conjunction with a countersunk drill bit

Code Rope Ø D L L1 Wgt

CHT-032 3.2 6 58 53.5 12g

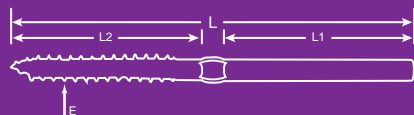
CHT-04 4.0 7 69.5 63 20g



TERMINAL JOINER SWAGE AISI 316

Code Rope Ø D L Wgt

TJ-032 3.2 6 99 18g



LAG SCREW / SWAGE TERMINAL AISI 316

- Sleek, easy to use and economical balustrade terminals
- When ordering, each length must have a L/Hand & R/Hand terminal

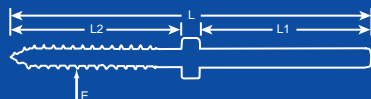
Code Wire Ø E L L1 L2 Wgt

LS-TT-0306L 3.2 6/LHT 90 48 42 15g

LS-TT-0306R 3.2 6/RHT 90 48 42 15g

LS-TT-0406L 4.0 6/LHT 90 48 42 15g

LS-TT-0406R 4.0 6/RHT 90 48 42 15g



LAG SCREW / TERMINAL AISI 316

Code T E L L1 L2 Wgt

LS-TT-M5-L M5 5/LHT 92.5 44 38.5 12g

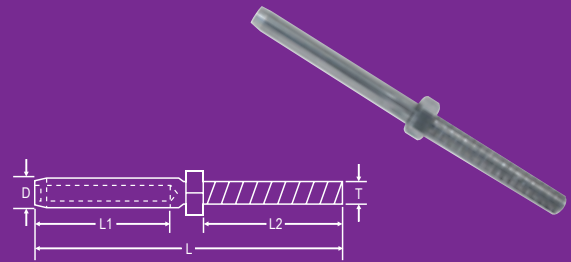
LS-TT-M6 M6 6/RHT 96.0 49 39.0 17g



THREADED TERMINAL SWAGE STUD W/LOCK NUT AISI 316

*Also available in L/H Thread

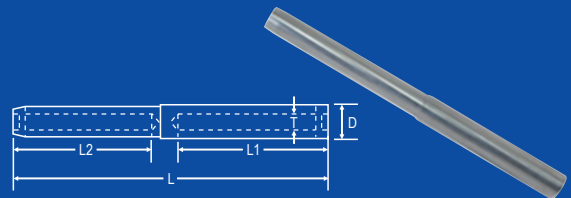
Code	Rope Ø	T	D	L	L1	L2	Wgt
TT-02505	2.5	M5	6	72	40	22	10g
TT-02506	2.5	M6	6	100	38	46	22g
TT-0305*	3.2	M5	6	90	42	39	14g
TT-0306*	3.2	M6	6	100	48	39	18g
TT-0406*	4.0	M6	7.5	100	48	39	26g
TT-0508	5.0	M8	9	117	57	45	34g
TT-0510	5.0	M10	9	170	56	104	90g
TT-0610	6.0	M10	12.5	130	63	51	130g
TT-0612	6.0	M12	12.5	162	80	64	110g
TT-0612-2	6.0	M12	13	235	63	135	186g
TT-0812	8.0	M12	14	165	64	71	178g
TT-0816	8.0	M16	16	225	90	92	292g
TT-1016	10.0	M16	18	225	90	92	319g
TT-1216	12.0	M16	20.5	225	92	90	319g



INTERNAL THREADED TERMINAL SWAGE STUD AISI 316

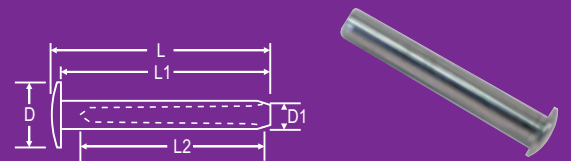
• Refer to fasteners section for cap screw sizes (see p43)

Code	Rope Ø	D	L	L1	L2	T	Wgt
ITT-53	3.2	7.5	90	45	45	M5	18g
ITT-64	4.0	8.0	95	46	49	M6	22g
ITT-85	5.0	10.0	120	60	60	M8	42g



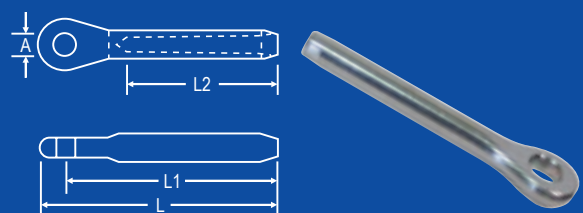
BUTTON HEAD TERMINAL SWAGE AISI 316

Code	Rope Ø	D	D1	L	L1	L2	RWL	TDL	Wgt
BHT-032	3.2	9.5	6	38	35	28	250	1000	6g
BHT-04	4.0	12.5	7	54	50	44	475	1900	14g



EYE TERMINAL SWAGE AISI 316

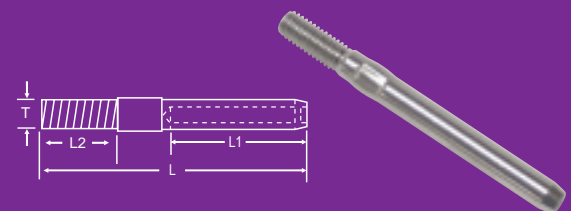
Code	Rope Ø	A	L	L1	L2	RWL	TDL	Wgt
ET-025	2.5	6.0	55	49	32	213	850	8g
ET-032	3.2	6.5	62	55	40	250	1000	12g
ET-04	4.0	8.0	77	61	45	338	1350	20g
ET-05	5.0	10.0	87	76	51	625	2500	37g
ET-06	6.0	12.5	106	90	64	1125	4500	95g
ET-08	8.0	14.5	133	118	83	1675	6700	169g



MINI THREADED TERMINAL SWAGE STUD AISI 316

• Use for stairway angles with internal threaded ball (see product below)

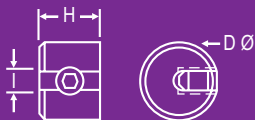
Code	Rope Ø	T	L	L1	L2	Wgt
TTB-032	3.2	M6	67	38	16	11g



INTERNAL THREADED BALL AISI 316

Code	T	D	L	Wgt
TTB-M6	M6	16	15	14g

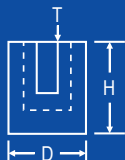
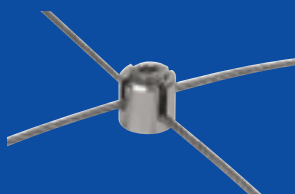




WIRE ROPE SHELF SUPPORT CLIPS AISI 316

- Clips to help create elaborate wire rope shelving

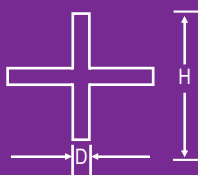
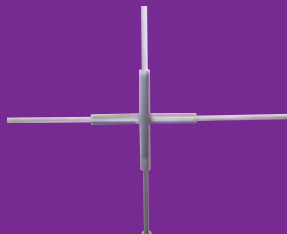
Code	D	H	I	Wire Rope Ø	Wgt
SC-2.0	10.0	8.0	2.5	0.6 - 2.5mm	4g
SC-4.0	15.0	11.5	4.6	2.5 - 4.0mm	13g



CROSS CONNECTOR 90 DEG. AISI 304

- 90° clamp for drop wires and trellis work
- To be fitted after balustrading has been erected

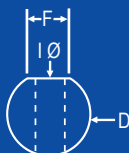
Code	Rope Ø	D	H	T	Wgt
CROSS-03	3.2	20	19	M12	27g
CROSS-04	4.0	20	19	M12	27g



CROSS SWAGE TERMINAL AISI 316

- Can be used as an alternative to intermediate posts
- To be fitted during installation of balustrade runs

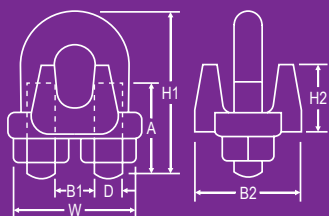
Code	Rope Ø	D	H	Wgt
CRO-32	3.2	6.3	59.5	21g



ROUND BALL AISI 316

- Internal hole for use with swage fittings and tensioners (stairway + balustrading)

Code	D	F	I	Wgt
BALL-1	20	11.5	6.3	27g
BALL-2	15	9.5	5.4	12g



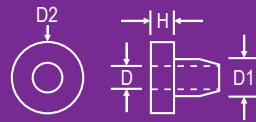
WIRE ROPE GRIP AISI 316

Code	Rope Ø	A	B1	B2	D	H1	H2	TDL	Wgt
WRG-02	2.0	10	4	14	M3	18	14	400	7g
WRG-03	3.2	12	5	16	M4	24	17	500	10g
WRG-04	4.0	13	6	18	M4	24	19	750	18g
WRG-05	5.0	15	7	20	M6	33	24	1400	26g
WRG-06	6.0	15	8	22	M6	33	28	2450	39g
WRG-08	8.0	20	10	28	M8	40	34	4150	76g
WRG-10	10.0	28	12	35	M10	50	45	7500	152g
WRG-12	12.0	35	14	39	M12	60	51	9000	236g
WRG-14	14.0	31	16	42	M14	57	21	9000	142g
WRG-16	16.0	45	18	48	M14	75	60	11500	417g
WRG-19	19.0	50	20	53	M14	80	62	11500	450g

**NYLON GROMMET - BLACK ONLY**

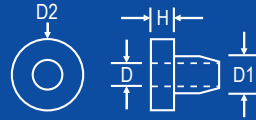
- Nylon bush for protecting wire from cutting on sharp objects, push-fit into posts

Code	D	D1	D2	H	Drill Hole Ø	Wire Rope Ø
NYLONB	6.0	8.8	12.5	2.0	8.0	3.2 - 5.0mm

**NYLON GROMMET SPLIT TYPE - BLACK ONLY**

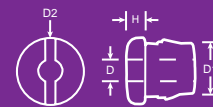
- Nylon bush for protecting wire from cutting on sharp objects, push-fit into posts
- Install after balustrading is installed

Code	D	D1	D2	H	Drill Hole Ø	Wire Rope Ø
NYLONBS	6.5	9.0	12.5	2.5	11/32"	3.2 - 5.0mm

**NYLON GROMMET SELF GRIP – BLACK ONLY**

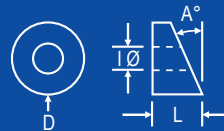
- Nylon bush for protecting wire from cutting on sharp objects, push-fit into posts
- Contains flexible clips on body to prevent bush from slipping out of posts

Code	D	D1	D2	H	Drill Hole Ø	Wire Rope Ø
NB-B-1	3.2	9.3	11.5	2.3	3/8	3.2

**BEVELLED WASHER CHROME PLATED BRASS**

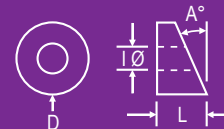
- 35° angled washer for use with swage fittings and tensioners (stairway + balustrading)

Code	A	D	I	L	Wgt
BEV-WASH-1	35°	11	6.3	10	3g
BEV-WASH-2	35°	11	8.3	10	2g

**BEVELLED WASHER AISI 304**

- 35° angled washer for use with cone head terminals (stairway + balustrading)

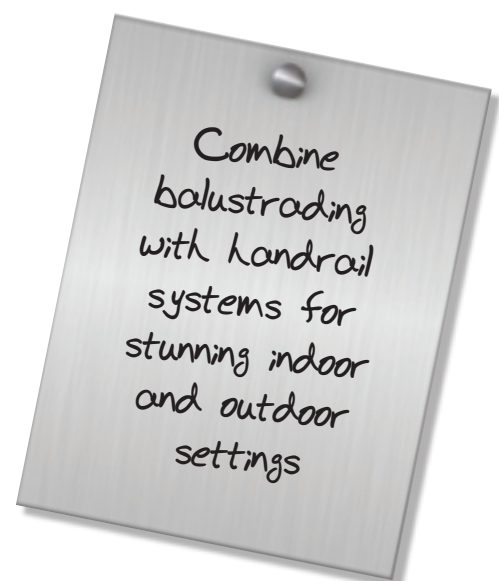
Code	A	L	D	I	Wgt
BEV-WASH-3	35°	13.3	11.8	7.1	4g
BEV-WASH-4	35°	16.3	13.8	8.6	7g

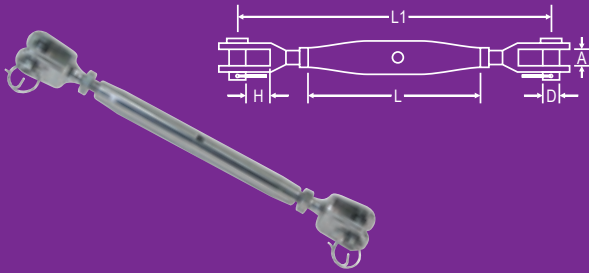


STAINLESS

STEEL

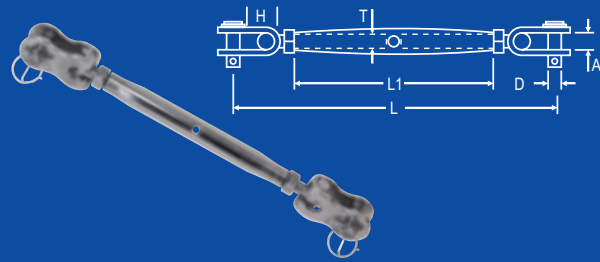
HARDWARE





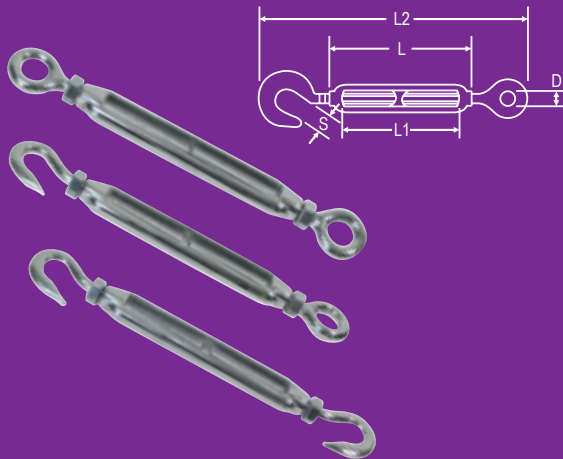
RIGGING SCREW JAW + JAW W/LOCK NUTS AISI 316

Code	T	A	D	H	L	L1	RWL	TDL	Wgt
RS-JJ-05	M5	8.5	5	10	80	130	188	750	54g
RS-JJ-06	M6	9.5	6	10	95	150	350	1400	84g
RS-JJ-08	M8	10.5	8	11	105	180	550	2200	162g
RS-JJ-10	M10	12.5	10	14	125	220	863	3450	282g
RS-JJ-12	M12	15.0	12	21	150	270	1250	5000	504g
RS-JJ-16	M16	23.5	14	26	190	300	2000	8000	965g



RIGGING SCREW TOGGLE + TOGGLE W/LOCK NUTS AISI 316

Code	T	A	D	H	L	L1	RWL	TDL	Wgt
RS-TT-06	M6	10	6	11	146	90	275	1100	98g
RS-TT-08	M8	10	8	16	180	105	463	1850	210g
RS-TT-10	M10	12	9	25	212	125	750	3000	372g
RS-TT-12	M12	14	12	25	252	150	938	3750	576g

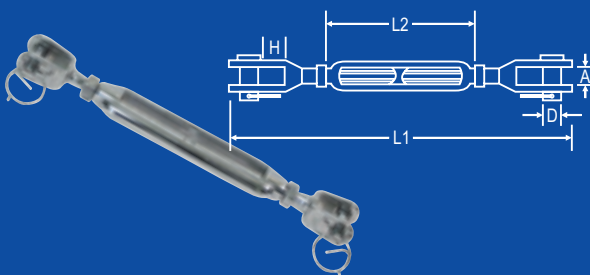


TURNBUCKLE - OPEN BODY W/LOCK NUTS AISI 316

- When ordering please specify size and configuration (listed next line)
- TB-EE (Eye + Eye), TB-HE (Hook + Eye), TB-HH (Hook + Hook)
- E.G. TB-EE-04, TB-HE-04, TB-HH-04

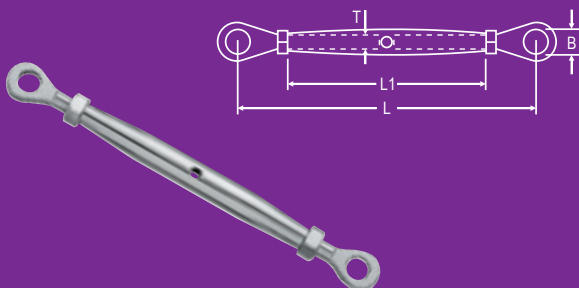
Code	T	D	L	L1	L2	S	RWL*	TDL*	Wgt
TB-04	M4	8	55	47	98	9	119	475	26g
TB-05	M5	8	70	52	120	9	170	680	46g
TB-06	M6	10	90	66	160	10	375	1500	80g
TB-08	M8	14	120	94	200	11	575	2300	165g
TB-10	M10	16	150	120	240	12	775	3100	304g
TB-12	M12	18	200	168	300	14	1100	4400	560g
TB-16	M16	26	250	210	390	16	2025	8100	1200g
TB-20	M20	28	300	260	510	18	2750	11000	2750g

*Based on Eye + Eye combination



TURNBUCKLE OPEN BODY JAW + JAW W/LOCK NUTS AISI 316

Code	T	A	D	H	L1	L2	RWL	TDL	Wgt
TB-JJ-05	M5	8	5	9	125	70	188	750	52g
TB-JJ-06	M6	10	6	10	145	90	350	1400	96g
TB-JJ-08	M8	11	8	10	180	120	550	2200	195g
TB-JJ-10	M10	14	10	12	220	150	863	3450	330g
TB-JJ-12	M12	15	12	21	320	198	1250	5000	630g



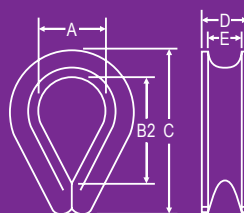
RIGGING SCREW EYE + EYE W/LOCK NUTS AISI 316

Code	T	B	L	L1	RWL	TDL	Wgt
RS-EE-05	M5	5.5	128	80	188	750	32g
RS-EE-06	M6	6.5	142	90	250	1000	78g
RS-EE-08	M8	8.5	155	105	550	2200	124g



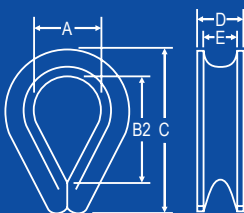
WIRE ROPE THIMBLE AISI 304

Code	Rope Ø	A	B2	C	D	E	Sold
TH-02	2.0	7	12	21	5.0	3.2	Each
TH-03	3.2	9	14	23	6.0	4.0	Each
TH-04	4.0	11	16	27	7.0	5.0	Each
TH-05	5.0	14	21	21	8.0	6.0	Each
TH-06	6.0	16	26	39	9.5	7.0	Each
TH-08	8.0	21	35	50	12.0	9.0	Each
TH-10	10.0	26	42	59	14.0	11.0	Each
TH-12	12.0	31	48	70	17.5	14.0	Each
TH-14	14.0	34	55	76	20.0	16.0	Each
TH-16	16.0	39	63	85	21.0	17.0	Each



WIRE ROPE THIMBLE HEAVY DUTY AISI 316

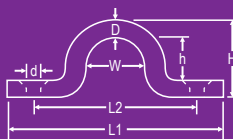
Code	Rope Ø	A	B2	C	D	E	Sold
TH-06H	6.0	22.0	42	54.5	10	6	Each
TH-08H	8.0	26.5	42	62.5	11	7	Each
TH-10H	10.0	28.0	45	72.0	17	10	Each
TH-12H	12.0	37.5	52	84.0	16	12	Each



SADDLE (EYE STRAP) AISI 304

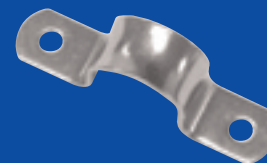
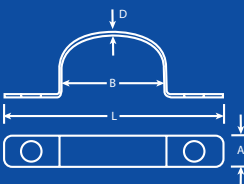
*AISI 316

Code	D	d	H	h	L1	L2	Screw Size	W	Wgt
SAD-04	4	3.2	16	11	40	32	5g	10	4g
*SAD-05	5	4.2	16	13	51	40	6g	11	8g
SAD-06	6	5.2	22	16	57	44	8g	14	14g
SAD-08	8	5.2	25	17	63	47	8g	11	27g



SADDLE FLAT SHEET TWO HOLE AISI 316

Code	A	B	D	L	Screw Size	Wgt
FSAD-10	11	10	4	42	5g	4g
FSAD-13	11	13	4	45	5g	5g
FSAD-16	11	16	4	48	5g	6g



The perfect addition to compliment modern housing and commercial projects



HAND SWAGES - CREASED



MACHINE SWAGES

NICKEL PLATED COPPER WIRE ROPE FERRULES (SWAGES)

- For use with hand & hydraulic swaging stainless steel wire rope
- Not suitable for galvanised wire rope swaging

HAND SWAGING - CREASED

Code	Rope Ø
FE-NP-01.5	1.6
FE-NP-02	2.0
FE-NP-02.5	2.5
FE-NP-03	3.2
FE-NP-04	4.0
FE-NP-05	5.0
FE-NP-06	6.0

MACHINE SWAGING DIN 3093

Code	Rope Ø
FE-MS-NP-01	1.0
FE-MS-NP-01.5	1.6
FE-MS-NP-02	2.0
FE-MS-NP-02.5	2.5
FE-MS-NP-03	3.2
FE-MS-NP-04	4.0
FE-MS-NP-05	5.0
FE-MS-NP-06	6.0
FE-MS-NP-08	8.0
FE-MS-NP-10	10.0
FE-MS-NP-12	12.0



HAND SWAGES - CREASED



MACHINE SWAGES

COPPER WIRE ROPE FERRULES (SWAGES)

- Copper finish for use with hand & hydraulic swaging of stainless steel wire rope
- Not suitable for galvanised wire rope swaging

HAND SWAGING - CREASED

Code	Rope Ø
FE-02	2.0
FE-02.5	2.5
FE-03	3.2
FE-04	4.0
FE-05	5.0
FE-06	6.0

MACHINE SWAGING DIN 3093

Code	Rope Ø
FE-MS-02	2.0
FE-MS-02.5	2.5
FE-MS-03	3.2
FE-MS-04	4.0
FE-MS-05	5.0
FE-MS-06	6.0
FE-MS-08	8.0
FE-MS-10	10.0
FE-MS-12	12.0

ALUMINIUM WIRE ROPE FERRULES (SWAGES)

- Aluminium sleeves to suit hand & hydraulic swaging of galvanised wire rope
- Not suitable for swaging stainless steel wire rope

HAND SWAGING - CREASED

Code	Rope Ø
ALF-H-1.5	1.6
ALF-H-02	2.0
ALF-H-2.5	2.5
ALF-H-3.2	3.0/3.5
ALF-H-04	4.0
ALF-H-05	5.0
ALF-H-06	6.0
ALF-H-08	8.0

MACHINE SWAGING DIN 3093

Code	Rope Ø
ALF-01	1.0
ALF-1.5	1.6
ALF-02	2.0
ALF-2.5	2.5
ALF-03	3.0
ALF-3.5	3.5
ALF-04	4.0
ALF-05	5.0
ALF-06	6.0
ALF-08	8.0
ALF-10	10.0
ALF-12	12.0



HAND SWAGES - CREASED

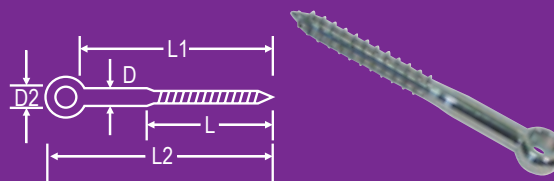


MACHINE SWAGES



LAG EYE SCREW AISI 316

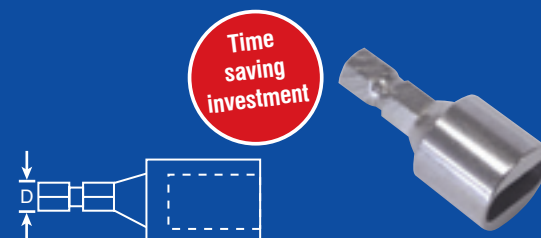
Code	D	D2	L	L1	L2	Wgt
LS-04	4	4.2	30	45	51	4g
LS-06	6	6.3	32	55	65	11g
LS-08	8	8.4	40	60	70	22g
LS-10	10	10.5	55	80	100	53g
LS-12	12	12.5	65	105	123	94g



SOCKET DRIVE FOR LAG SCREWS

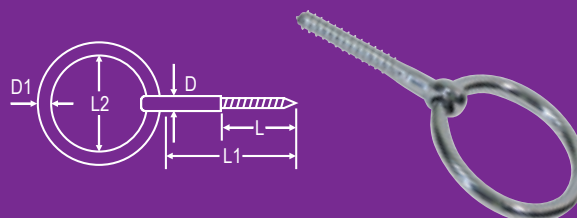
- Insert in drill for fast installation of lag screws

Code	D	Suit Lag Screw	Wgt
SOCKET-1	6.5 A/F	LS-06	15g
SOCKET-2	9.0 A/F	LS-08	50g



LAG EYE SCREW W/ROUND RING WELDED AISI 304

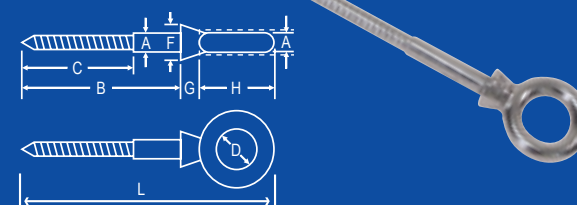
Code	D	D1	L	L1	L2	Wgt
LS-R-04	4	4	30	45	25	9g
LS-R-06	6	6	32	55	30	40g
LS-R-08	8	8	40	60	50	109g



COACH SCREW W/EYE NUT AISI 316

- Stainless steel cast one piece anchoring eye
- Suitable for use in timber posts for fixing shade sails

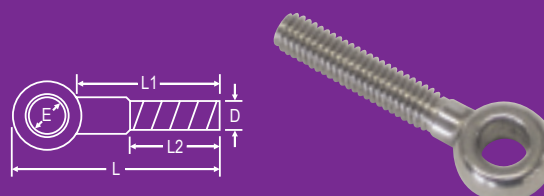
Code	A	B	C	D	F	G	H	L	Wgt
CS-0550	5.0	50	28	11.5	10	6	21	77	16g
CS-0660	6.0	60	35	14.5	11.5	7	25	91	28g
CS-0880	8.0	80	48	18	16	8	34	121	64g
CS-1060	10.0	60	35	22	19.5	10.5	39	110	102g
CS-10100	10.0	100	60	22	20	10	42	152	125g
CS-12120	12.0	120	72	27	23	12	51	182	220g

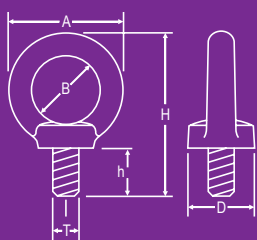


EYE SCREW AISI 316

- A high quality threaded eye suitable for fixing to steel posts
- Fully threaded shank for hard fixing to posts
- Use with rivet nut (page 44) for post fixing
- Other sizes available on request

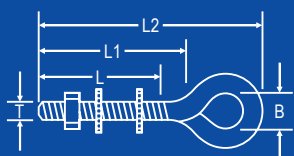
Code	D	L	L1	L2	E	Wgt
ES-610	M6	26	10	10	6.1	10g
ES-630	M6	43	30	26	6.1	11g
ES-650	M6	69	50	50	6.1	16g
ES-660	M6	62	60	50	6.1	15g
ES-880	M8	89	80	70	7.9	36g
ES-10110	M10	119	110	100	10.1	68g
ES-1250	M12	63	50	25	12.3	60g





EYE BOLT WITH COLLAR AISI 316

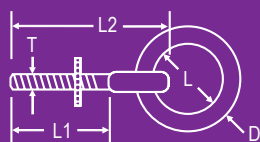
Code	T	A	B	D	H	h	RWL	TDL	Wgt
EBX-06	M6	26	16	13	41	15	275	1100	15g
EBX-08	M8	32	20	16	50	15	450	1800	29g
EBX-10	M10	40	25	20	63	21	675	2600	60g
EBX-12	M12	49	30	25	74	23	850	3400	108g
EBX-16	M16	60	35	30	87	28	2000	8000	200g
EBX-20	M20	70	40	35	103	32	2625	10500	365g
EBX-24	M24	89	50	50	130	40	3000	12000	762g



EYE BOLT W/NUT & TWO WASHERS AISI 304

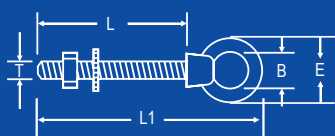
• Alternate sizes and lengths available on request

Code	T	B	L	L1	L2	RWL	TDL	Wgt
EB-0550	M5	13	50	53	76	150	600	15g
EB-0640	M6	16	38	40	63	250	1000	23g
EB-0650	M6	16	50	53	81	250	1000	26g
EB-0660	M6	16	60	60	83	250	1000	27g
EB-0680	M6	16	80	80	104	250	1000	29g
EB-06100	M6	16	100	103	126	250	1000	33g
EB-0860	M8	19	60	65	100	450	1800	53g
EB-0880	M8	19	80	85	117	450	1800	58g
EB-0890	M8	19	90	96	126	450	1800	62g
EB-08100	M8	19	100	106	140	450	1800	66g
EB-08130	M8	19	130	135	170	450	1800	72g
EB-1080	M10	24	80	85	126	600	2400	108g
EB-10110	M10	24	110	115	148	600	2400	121g
EB-10160	M10	24	160	165	208	600	2400	144g
EB-12110	M12	20	110	115	156	875	3500	191g
EB-12150	M12	20	150	155	198	875	3500	225g
EB-16130	M16	38	130	145	218	1875	7500	459g



EYE BOLT W/ROUND RING, NUT AND TWO WASHERS AISI 304

Code	T	D	L	L1	L2	RWL	TDL	Wgt
EB-R-06	M6	6	35	55	90	250	1000	52g
EB-R-08	M8	8	45	55	92	450	1800	143g
EB-R-12	M12	12	60	90	156	1000	4000	374g



EYE BOLT W/ COLLAR NUT & WASHER LONG TYPE AISI 316

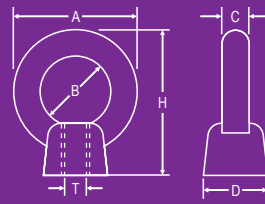
• Alternate sizes and lengths available on request

CODE	T	B	E	L	L1	RWL	TDL	Wgt
ENB-0660	M6	16	26	60	91	275	1100	30g
ENB-0880	M8	20	32	80	120	325	1300	90g
ENB-10100	M10	25	41	100	148	650	2600	145g
ENB-10120	M10	25	41	120	168	650	2600	136g
ENB-10135	M10	25	41	135	183	650	2600	143g
ENB-10160	M10	25	41	160	208	650	2600	156g
ENB-10185	M10	25	41	185	246	650	2600	168g
ENB-12120	M12	30	50	120	181	850	3400	160g
ENB-12160	M12	30	50	160	220	875	3500	270g



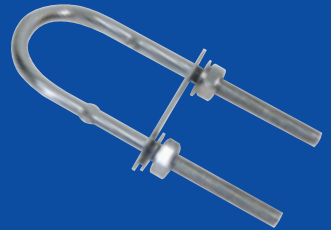
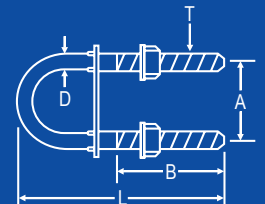
EYE NUT AISI 316

Code	T	A	B	C	D	H	RWL	TDL	Wgt
EN-06	M6	26.0	16	5.0	13	28.3	275	1100	14g
EN-08	M8	32.6	20	6.3	16	33.3	325	1300	32g
EN-10	M10	41.0	25	8.0	20	41.5	650	2600	54g
EN-12	M12	50.0	30	10.0	25	51.0	850	3400	109g
EN-16	M16	60.0	35	12.5	30	60.0	2000	8000	229g
EN-20	M20	72.0	40	16.0	35	71.0	2625	10500	333g
EN-24	M24	90.0	50	20.0	45	90.0	3000	12000	688g



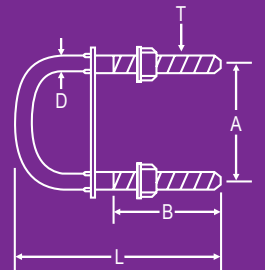
'U' BOLT W/NUT & WASHER AISI 304

Code	T	A	B	D	L	Wgt
UB-0580	M5	35	40	5	80	28g
UB-0690	M6	35	40	6	90	49g
UB-0880	M8	35	40	8	80	75g
UB-08100	M8	35	50	8	100	88g
UB-10130	M10	50	55	10	130	206g
UB-12150	M12	60	65	12	150	308g



'U' BOLT W/NUT & WASHER FOR TUBE AISI 304

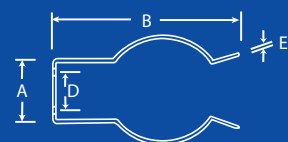
Code	T	A	B	D	L	Tube	Wgt
UBW-0620	M6	26	20	5.5	44	3/4"	28g
UBW-0625	M6	32	26	5.5	50	1"	32g
UBW-0632	M6	38	26	5.5	58	1 1/4"	37g
UBW-0838	M8	48	38	7.0	82	1 1/2"	77g
UBW-0850	M8	61	38	7.0	90	2"	86g
UBW-0860	M8	70	37	7.0	97	2 1/2"	96g



SPRING POLE CLIP AISI 304

• Clip for holding 2" pipe

Code	Tube	A	B	D	E
SPC-50	2"	33	8.5	20	1.5



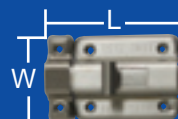
BARREL BOLT ROUND BOLT W/SCREWS AISI 304

Code	L	W	Wgt
BB-1	65	35	69g
BB-2	95	35	93g



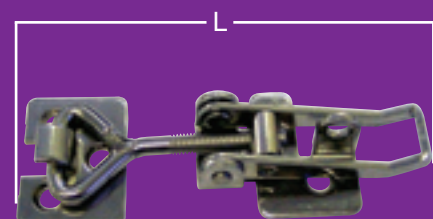
BARREL BOLT SQUARE BOLT W/SCREWS AISI 304

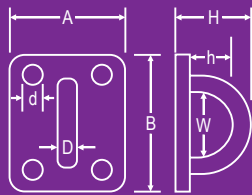
Code	L	W	Wgt
BB-3	60	40	64g



TOGGLE LATCH AISI 304

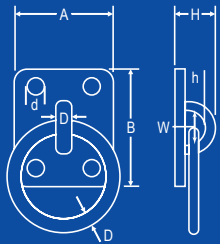
Code	L	Wgt
TL-1	100	66g (small)
TL-2	135	93g (large)





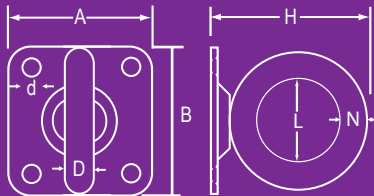
OBLONG PAD EYE AISI 304

Code	A	B	D	d	H	h	W	RWL	TDL	Screw Size	Wgt
OBP-05	30	35	5	4.2	19	12	14	175	700	6g	26g
OBP-06	35	40	6	4.2	26	17	18	250	1000	8g	38g
OBP-08	40	50	8	5.2	33	22	20	400	1600	10g	63g



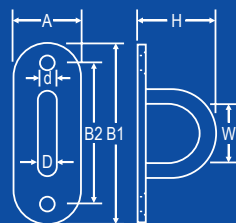
OBLONG PAD EYE W/RING AISI 304

Code	A	B	D	d	H	h	RWL	TDL	Screw Size	W	Wgt
OBP-R-05	30	35	5	4.2	19	12	175	700	6g	14	44g
OBP-R-06	35	40	6	4.2	26	17	250	1000	8g	18	74g
OBP-R-08	40	50	8	5.2	33	22	400	1600	10g	20	130g



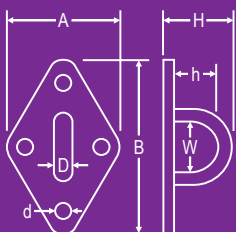
OBLONG SWIVEL PAD EYE AISI 304

Code	A	B	D	d	L	N	RWL	TDL	Screw Size	Wgt
OBP-SW-05	29	35	5	4.2	15	5	113	450	6g	33g
OBP-SW-06	33	40	6	4.2	18	6	175	700	8g	46g
OBP-SW-08	38	50	8	5.2	19	8	213	850	10g	78g



OVAL PAD EYE AISI 304

Code	A	B1	B2	D	d	H	RWL	TDL	Screw Size	W	Wgt
OEP-05	15	45	35.5	5	4.2	20	175	700	6g	14	20g
OEP-06	20	60	46.0	6	5.2	25	250	1000	8g	16	33g
OEP-08	26	80	60.0	8	5.2	32	400	1600	10g	20	70g



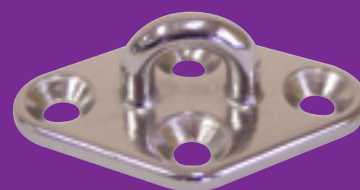
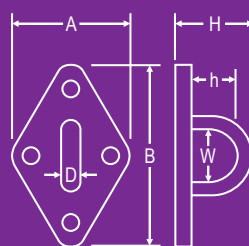
DIAMOND PAD EYE AISI 304

Code	A	B	D	d	H	h	RWL	TDL	Screw Size	W	Wgt
DPE-05	37	59	5	4.2	22	12	175	700	6g	11	34g
DPE-06	40	64	6	4.2	26	15	250	1000	8g	15	51g
DPE-08	50	80	8	5.2	33	20	400	1600	10g	18	73g



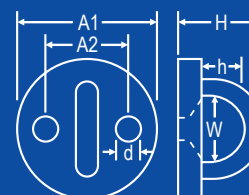
DIAMOND PAD EYE CASTING TYPE AISI 304

Code	A	B	D	H	h	RWL	TDL	Screw Size	W	Wgt
CDPE-06	38	66	8	22	11	550	2200	12g	21	51g
CDPE-08	57	89	8	29	18	1000	4000	14g	15	106g
CDPE-10	60	100	10	35	20	1500	6000	14g	24	192g



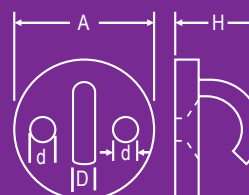
ROUND PAD EYE AISI 304

Code	A1	A2	d	H	h	RWL	TDL	Screw Size	W	Wgt
REP-05	33	19.5	4.2	20	12	175	700	6g	13	21g
REP-06	40	23.0	4.2	26	17	250	1000	8g	17	38g
REP-08	50	29.5	5.2	32	21	400	1600	10g	20	67g



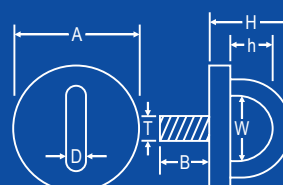
ROUND OPEN PAD EYE AISI 304

Code	A	D	d	H	RWL	TDL	Screw Size	Wgt
ROP-05	33	5	4.5	21	50	200	6g	23g



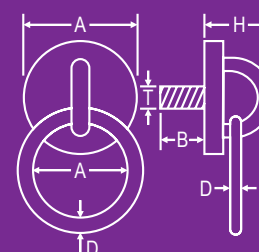
ROUND EYE BOLT PAD EYE AISI 304

Code	A	B	D	H	h	RWL	TDL	T	W	Wgt
RBP-05	33	20	5	20	12	100	400	M6	13	26g
RBP-06	40	23	6	26	17	125	500	M8	17	47g
RBP-08	50	25	8	32	20	250	1000	M10	20	82g



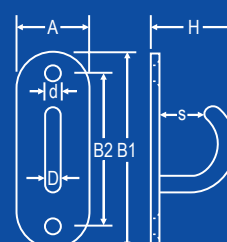
ROUND EYE BOLT PAD EYE W/RING AISI 304

Code	A	B	D	H	RWL	TDL	T	Wgt
RBP-R-05	33	20	5	20	100	400	M6	43g
RBP-R-06	40	23	6	26	125	500	M8	78g
RBP-R-08	50	25	8	32	250	1000	M10	153g

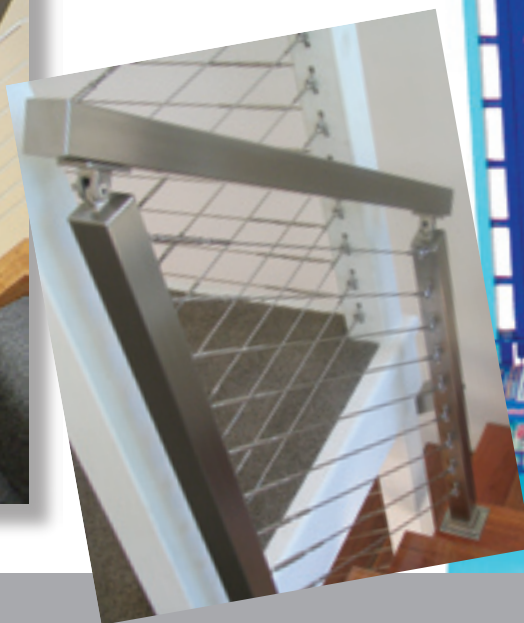
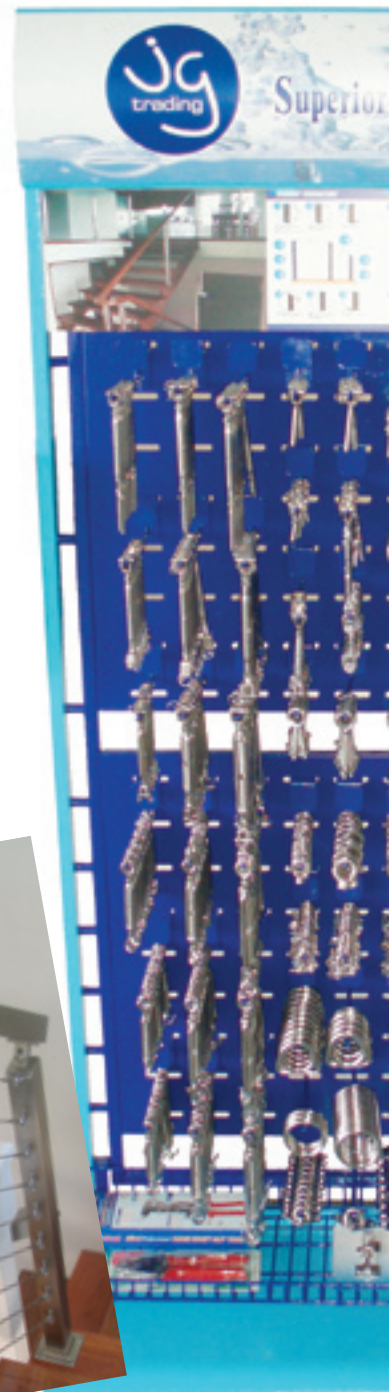


OVAL OPEN PAD EYE AISI 304

CODE	A	B1	B2	D	d	H	S	RWL	TDL	Screw Size	Wgt
OOP-05	15	45	35.5	5	4.2	20	8.0	50	200	6g	19g
OOP-06	20	60	46.0	6	5.2	25	12.5	55	220	8g	30g
OOP-08	26	80	60.0	8	5.2	32	14.0	63	250	12g	64g

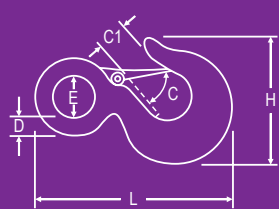


Limited only b



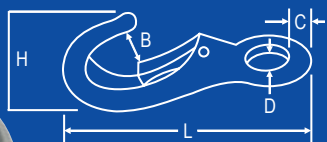
by Imagination





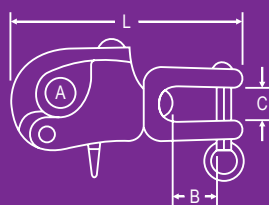
SAFETY SNAP HOOK W/SAFETY LATCH AISI 316

Code	C	C1	D	E	H	L	RWL	TDL	Wgt
TM314-19	21	22	9	19	73	102	188	750	126g
TM314-28	21	25	11	28	81	127	250	1000	180g



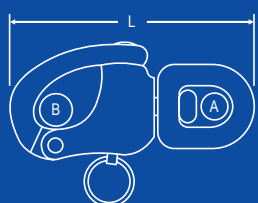
RIGID EYE SNAP HOOK AISI 316

Code	B	C	D	H	L	RWL	TDL	Wgt
TM315-9	7	4.5	9	23	54	188	750	23g
TM315-16	9	5.0	16	31	72	250	1000	45g
TM315-18	13	6.0	18	35	35	375	1500	65g
TM315-21	15	7.0	21	34	34	500	2000	111g



SWIVEL JAW SNAP SHACKLE AISI 316

Code	A	B	C	L	RWL	TDL	Wgt
TM316-12	12	12	10	70	275	1100	74g
TM316-16	16	13	13	87	500	2000	156g
TM316-22	22	16	18	128	875	3500	372g



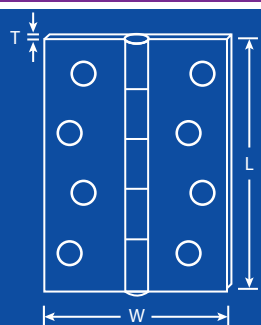
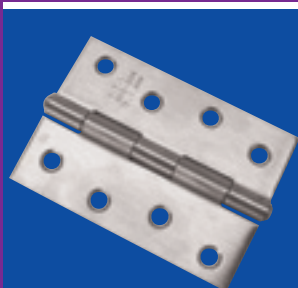
SWIVEL EYE SNAP SHACKLE AISI 316

Code	A	B	L	RWL	TDL	Wgt
TM317-12	12	12	70	275	1100	58g
TM317-16	16	16	87	500	2000	129g
TM317-22	22	22	128	875	3500	300g



SWIVEL EYE TRIGGER SNAP AISI 316

Code	A	B	D	L	Wgt
TM324-12	13	11	4	64	47g



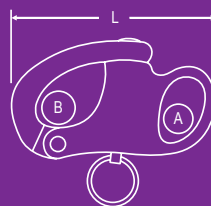
BUTT HINGES AISI 304

- Riveted head butt hinge in satin finish

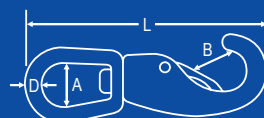
Code	L	W	T	Screw Size	Wgt	Sold
BH-2-1.5	2"	1 1/2"	1.5mm	6g	27g	each
BH-2.5-1.5	2 1/2"	1 1/2"	1.5mm	8g	34g	each
BH-3-2	3"	2"	1.5mm	8g	61g	each
BH-4-3	4"	3"	1.8mm	10g	144g	each
BH-4-4	4"	4"	1.8mm	10g	222g	each
BH-4-4-2	4"	4"	2.0mm	10g	228g	each

**FIXED EYE SNAP SHACKLE AISI 316**

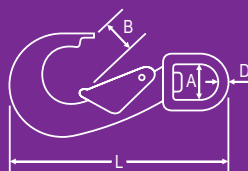
Code	A	B	L	RWL	TDL	Wgt
TM319-12	12	9	52	275	1100	42g
TM319-16	16	12	66	500	2000	92g
TM319-22	22	16	96	875	3500	225g

**SWIVEL EYE SNAP AISI 316**

Code	A	B	D	L	RWL	TDL	Wgt
TM320-16	16	10	5	83	43	170	64g
TM320-19	19	12	6	94	63	250	99g
TM320-22	22	15	7	113	85	340	163g

**SWIVEL BULL SNAP AISI 316**

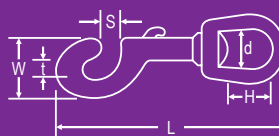
Code	A	B	D	L	RWL	TDL	Wgt
TM321	25	15	7	105	163	650	181g

**DOUBLE ENDED SNAP AISI 316**

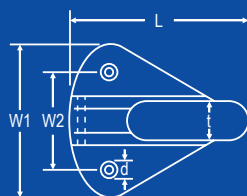
Code	L	M	RWL	TDL	Wgt
TM322	100	8	88	350	68g

**SWIVEL EYE SNAP AISI 316**

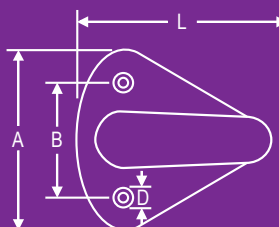
Code	d	H	L	S	t	RWL	TDL	W	Wgt
TM323-12	12	11	76	7.5	5	63	250	21	38g
TM323-16	19	18	90	8.5	8	163	650	24	50g
TM323-19	25	23	97	10.0	10	163	650	24	54g

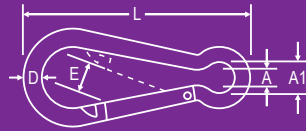
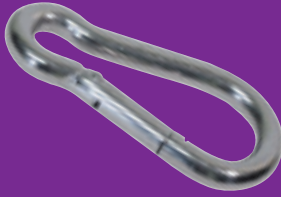
**PLATED SNAP HOOK AISI 316**

Code	d	L	t	W1	W2	Wgt
PSH-38	4.5	38	5.0	34	22	50g
PSH-41	4.5	41	7.5	34	22	55g

**AWNING HOOK AISI 316**

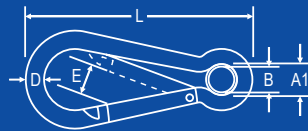
Code	A	B	D	L	Screw Size	Wgt
AH-19	27	16	7	21	6g	19g





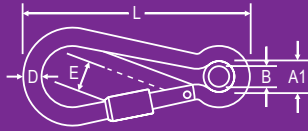
SPRING HOOK AISI 316

Code	A	A1	D	E	L	TDL	Wgt
SH-04	5	9	4	7	40	450	11g
SH-05	6	10	5	8	50	570	17g
SH-06	8	13	6	9	60	670	27g
SH-08	8	13	8	9	80	870	65g
SH-10	10	16	10	12	100	1150	128g
SH-12	11	18	11	16	120	1250	188g



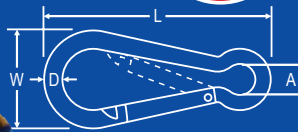
SPRING HOOK W/EYELET AISI 316

Code	A1	B	D	E	L	TDL	Wgt
SH-E-04	9	6.5	4	7	40	450	11g
SH-E-05	10	7.5	5	8	50	570	17g
SH-E-06	13	9.0	6	9	60	670	28g
SH-E-08	13	11.5	8	9	80	870	64g
SH-E-10	16	14.0	10	12	100	1150	129g
SH-E-12	18	16.5	11	16	120	1250	191g



SPRING HOOK W/EYELET & NUT AISI 316

Code	A1	B	D	E	L	Wgt
SH-N-06	13	9.0	6	9	60	29g
SH-N-08	13	11.5	8	9	80	70g
SH-N-10	16	14.0	10	12	100	136g
SH-N-12	20	18.0	12	19	140	279g

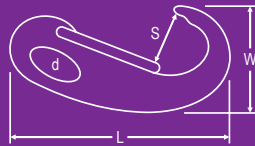


Check out
our range of
colours

ALUMINIUM SPRING HOOK

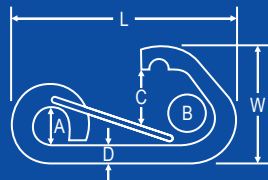
- Available in a wide range of colours, please enquire to find out more
- Not suitable for climbing purposes

Code	A	D	L	W	Wgt
ASH-06	9	6	61	30	9g
ASH-08	11	8	78	37	22g
ASH-10	14	10	100	42	35g



CAST SNAP HOOK AISI 316

Code	D	L	S	RWL	TDL	W	Wgt
CSH-05	8	50	10	220	55	25	23g
CSH-07	12	70	11	88	350	31	56g
CSH-10	16	100	15	225	900	50	148g

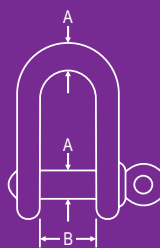


ASYMMETRIC SPRING HOOK AISI 316

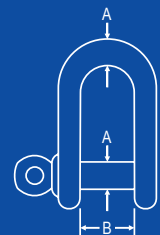
Code	A	B	C	D	L	RWL	TDL	W	Wgt
SPH-A-06	7	10	10	6	61	188	750	35	29g
SPH-A-08	11	13	13	8	81	438	1750	48	66g
SPH-A-10	13	15	15	10	102	563	2250	58	124g
SPH-A-12	16	21	21	12	122	913	3650	70	222g

**STANDARD "D" SHACKLE AISI 316**

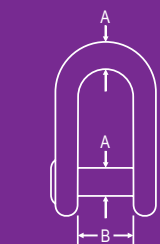
Code	A	B	D	L	RWL	TDL	Wgt
SH-S-04	M4	8	8	16	138	550	7g
SH-S-05	M5	10	10	20	250	1000	14g
SH-S-06	M6	12	12	24	425	1700	24g
SH-S-08	M8	16	16	32	625	2500	56g
SH-S-10	M10	20	20	40	1025	4100	110g
SH-S-12	M12	24	24	48	1350	5400	187g
SH-S-16	M16	32	32	64	2200	8800	440g
SH-S-19	M19	38	38	76	2500	10000	716g

**STANDARD "D" SHACKLE W/CAPTIVE PIN AISI 316**

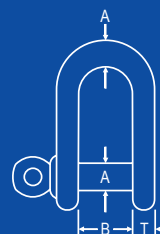
Code	A	B	D	L	RWL	TDL	Wgt
SH-CP-05	M5	10	10	20	250	1000	14g
SH-CP-06	M6	12	12	24	425	1700	24g
SH-CP-08	M8	16	16	32	625	2500	56g
SH-CP-10	M10	20	20	40	1025	4100	102g
SH-CP-12	M12	24	24	48	1350	5400	180g

**STANDARD "D" SHACKLE SINK PIN SLOTTED HEAD AISI 316**

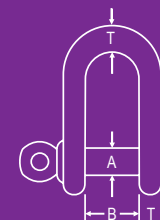
Code	A	B	D	L	RWL	TDL	Wgt
SH-SH-04	M4	8	8	16	138	550	6g
SH-SH-05	M5	10	10	20	250	1000	14g
SH-SH-06	M6	12	12	24	425	1700	22g
SH-SH-08	M8	16	16	32	625	2500	57g
SH-SH-10	M10	20	20	40	1025	4100	105g
SH-SH-12	M12	24	24	48	1350	5400	175g

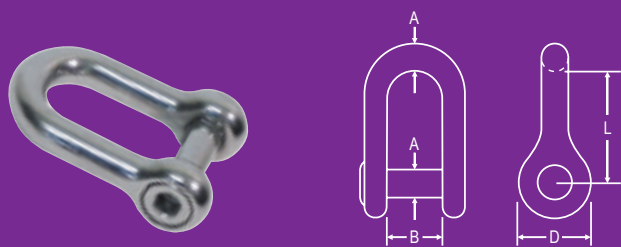
**SEMI ROUND "D" SHACKLE AISI 304**

Code	A	B	D	L	T	RWL	TDL	Wgt
SH-SR-05	M5	12	12	21	2.6	238	950	14g
SH-SR-06	M6	14	14	25	3.0	375	1500	22g
SH-SR-08	M8	18	18	32	3.8	650	2600	49g

**LIGHT WEIGHT "D" SHACKLE AISI 304**

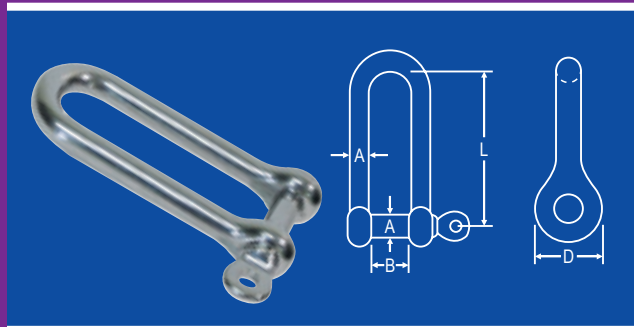
CODE	A	B	D	L	T	RWL	TDL	Wgt
SH-L-04	M4	10	9.5	22	1.8	70	280	5g
SH-L-05	M5	12	12.0	28	2.0	90	360	13g
SH-L-06	M6	14	14.6	30	3.0	120	480	23g
SH-L-08	M8	18	18.0	48	4.0	200	800	57g

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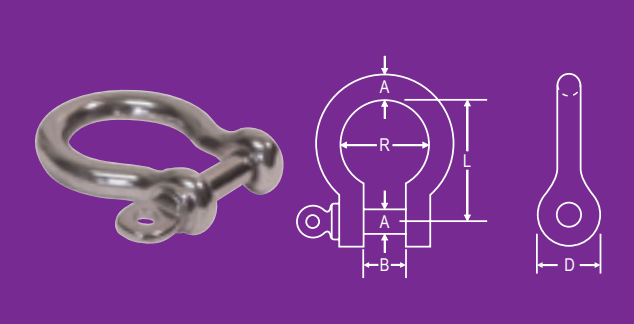
SHACKLE "D" W/ INTERNAL HEX SCREW PIN AISI 316

CODE	A	B	D	L	RWL	TDL	Wgt
SH-H-06	M6	12	12	24	425	1700	22g
SH-H-08	M8	16	16	32	625	2500	53g
SH-H-10	M10	20	20	40	1025	4100	103g
SH-H-12	M12	24	24	48	1350	5400	176g



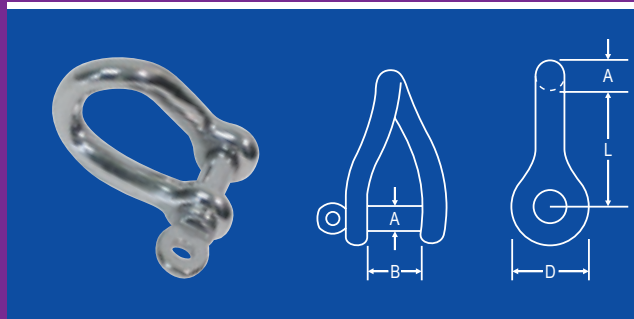
LONG "D" SHACKLE AISI 316

Code	A	B	D	L	RWL	TDL	Wgt
SH-LD-04	M4	8	8	32	125	500	11g
SH-LD-05	M5	10	10	40	250	1000	21g
SH-LD-06	M6	12	12	48	450	1800	37g
SH-LD-08	M8	16	16	64	688	2750	83g
SH-LD-10	M10	20	20	80	813	3250	158g
SH-LD-12	M12	24	24	96	1600	6400	266g



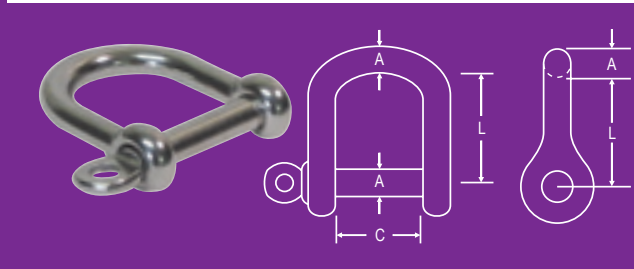
BOW SHACKLE AISI 316

Code	A	B	D	L	R	RWL	TDL	Wgt
SH-B-05	M5	10	10	20	17	300	1200	17g
SH-B-06	M6	12	12	24	21	425	1700	28g
SH-B-08	M8	16	16	32	28	625	2500	66g
SH-B-10	M10	20	20	40	34	1075	4300	129g
SH-B-12	M12	24	24	48	42	1550	6200	218g
SH-B-16	M16	32	32	64	56	1750	7000	522g
SH-B-22	M22	44	44	88	77	4250	17000	1314g



TWISTED SHACKLE AISI 316

Code	A	B	D	L	RWL	TDL	Wgt
SH-TW-04	M4	8	14	24	167	665	9g
SH-TW-05	M5	10	17	20	275	1100	17g
SH-TW-06	M6	12	21	24	400	1600	47g
SH-TW-08	M8	16	28	16	700	2800	68g
SH-TW-10	M10	20	34	40	1150	4600	127g
SH-TW-12	M12	24	42	48	1500	6000	222g



SHACKLE WIDE OPENING MOUTH AISI 316

CODE	A	C	L	RWL	TDL	Wgt
SH-W-06	M6	24	36	338	1350	33g
SH-W-08	M8	32	48	625	2500	65g
SH-W-10	M10	40	60	838	3350	152g
SH-W-12	M12	48	72	1000	4000	255g

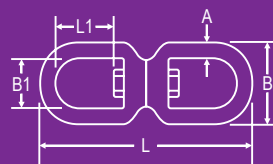


Shade sail applications are easily managed with our complete range of fittings



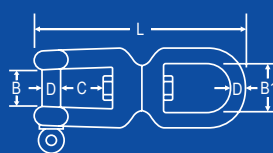
SWIVEL EYE + EYE AISI 316

Code	A	B	B1	L	L1	RWL	TDL	Wgt
SW-06E	6	26	15	65	15	300	1200	53g
SW-08E	8	35	20	90	22	475	1900	123g
SW-10E	10	44	24	115	27	875	3500	241g
SW-12E	12	48	25	128	28	1250	5000	561g



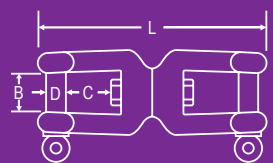
SWIVEL EYE + JAW AISI 316

Code	B	B1	C	D	L	RWL	TDL	Wgt
SW-06EJ	12	15	11	6	66	300	1200	58g
SW-08EJ	16	20	16	8	94	475	1900	146g
SW-10EJ	20	24	22	10	118	875	3500	276g
SW-12EJ	26	32	28	12	152	1250	5000	580g



SWIVEL JAW + JAW AISI 316

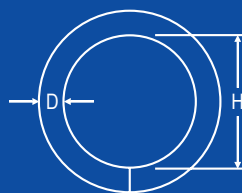
Code	B	C	D	L	RWL	TDL	Wgt
SW-06J	12	11	6	66	300	1200	66g
SW-08J	16	16	8	94	475	1900	165g
SW-10J	20	22	10	118	875	3500	319g
SW-12J	26	28	12	152	1250	5000	610g



ROUND RING WELDED AISI 304

- Alternate sizes available on request

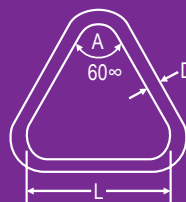
Code	D	H	RWL	TDL	Wgt
RR-0425	4	25	250	1000	10g
RR-0535	5	35	500	2000	20g
RR-0640	6	40	675	2700	32g
RR-0650	6	50	675	2700	39g
RR-0850	8	50	1250	5000	73g
RR-0875	8	75	1250	5000	100g
RR-1075	10	75	2125	8500	156g
RR-1080	10	80	2125	8500	167g



TRIANGULAR RING WELDED AISI 304

- Alternate sizes available on request

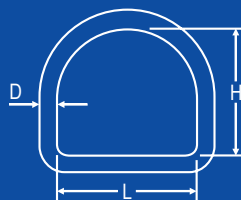
Code	A	D	L	RWL	TDL	Wgt
TRI-0650	60°	6	50	500	2000	37g
TRI-0850	60°	8	50	700	2800	68g



DEE RING WELDED AISI 304

- Alternate sizes available on request

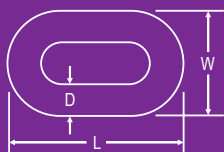
Code	D	H	L	RWL	TDL	Wgt
DEE-0425	4	22	25	200	800	9g
DEE-0430	4	25	30	200	800	10g
DEE-0640	6	37	40	450	1800	33g
DEE-0650	6	47	50	450	1800	40g
DEE-0850	8	47	50	700	2800	75g
DEE-1050	10	47	50	1250	5000	166g



DEE RING W/THIMBLE AISI 304

Code	D	L	H	TDL	RWL	Wgt
DEE-TH-0630	6	30	23	1800	450	38g
DEE-TH-0650	6	50	34	1800	450	73g
DEE-TH-0850	8	50	34	2800	700	107g

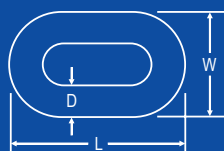




MEDIUM LINK POLISHED CHAIN AISI 316

- A quality 316gr polished chain to Australian standard sizes
- Sold per metre
- Mill & Tensile reports available on request

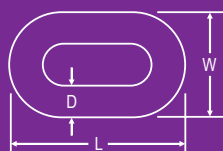
Code	D	L	W	RWL	TDL	Wgt/mtr
CH-S/S-02	2.0	16.0	7.5	75	280	78g
CH-S/S-03	3.0	25.0	11.0	110	450	158g
CH-S/S-04	4.0	26.8	15.5	200	810	315g
CH-S/S-05	4.9	30.0	18.0	320	1275	488g
CH-S/S-06	6.0	38.0	24.0	450	1785	732g
CH-S/S-08	8.0	48.0	28.5	800	3250	1304g
CH-S/S-10	10.0	60.0	36.0	1260	5095	2045g
CH-S/S-12	12.0	74.0	43.0	1800	7250	2900g



MEDIUM LINK POLISHED CHAIN AISI 304

- A quality 304gr polished chain to Australian standard sizes
- Sold per metre
- Mill and tensile reports available on request

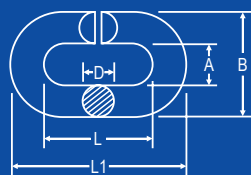
Code	D	L	W	RWL	TDL	Wgt/mtr
CH-S/S-304-03	3.0	25.0	11.0	110	450	158g
CH-S/S-304-04	4.0	26.8	15.5	200	810	315g
CH-S/S-304-05	4.9	30.0	18.0	320	1275	488g
CH-S/S-304-06	6.0	38.0	24.0	450	1785	732g
CH-S/S-304-08	8.0	48.0	28.5	800	3250	1304g
CH-S/S-304-10	10.0	60.0	36.0	1260	5095	2045g
CH-S/S-304-12	12.0	74.0	43.0	1800	7250	2900g



SHORT LINK POLISHED CHAIN AISI 316

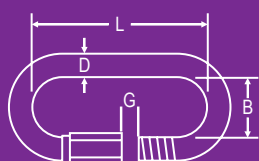
- A quality 316gr polished chain to Australian standard sizes
- Sold per metre
- Mill and tensile reports available on request

Code	D	L	W	RWL	TDL	Wgt/mtr
CH-SL-S/S-06	6.0	30.0	20.5	450	1785	792g
CH-SL-S/S-08	8.0	40.0	26.5	800	3250	1410g
CH-SL-S/S-10	10.0	50.5	34	1260	5095	2170g



CHAIN LINK CLIP AISI 316

Code	A	B	D	L	L1	Wgt
CL-06	9	24	6	24	36	17g
CL-08	12	30	8	32	48	40g
CL-09	13	34	9	36	54	56g
CL-11	17	41	11	44	66	132g
CL-16	24	59	16	64	96	379g



QUICK LINK AISI 316

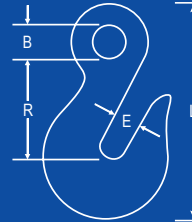
Code	B	D	G	L	TDL	Wgt
QL-04	12	4.0	6	40	900	12g
QL-05	13	5.0	7	49	1200	21g
QL-06	14	6.0	8	57	1600	36g
QL-08	18	8.0	9	76	2800	80g
QL-10	22	10.0	13	89	4200	141g

**SWIVEL SAFETY HOOK AISI 316**

Code	A	B	L	RWL	TDL	Wgt
SSH-06	18	21.0	120	425	1700	183g
SSH-08	20	27.5	144	650	2600	327g
SSH-10	24	28.0	165	965	3850	510g
SSH-12	32	35.7	205	1400	5600	1048g

**EYE GRAB HOOK AISI 316**

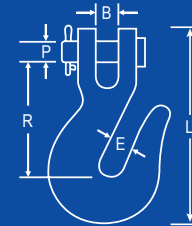
Code	B	E	L	R	RWL	TDL	Wgt
EGH-06	12.0	8.5	77	78	588	2350	121g
EGH-08	15.0	11.0	88	90	828	3310	222g
EGH-10	16.5	12.5	102	104	1178	4710	328g
EGH-12	22.0	16.5	134	136	1623	6490	716g

**EYE SLIP HOOK W/SAFETY CATCH AISI 316**

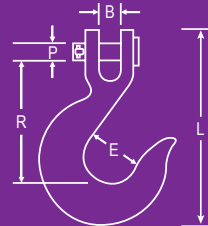
Code	B	E	L	R	RWL	TDL	Wgt
ESH-06	12.0	23.5	89	92	375	1500	134g
ESH-08	16.5	24.0	106	110	725	2900	239g
ESH-10	18.0	33.0	122	127	800	3200	397g
ESH-12	23.5	42.0	156	162	1350	5400	850g

**CLEVIS PIN GRAB HOOK AISI 316**

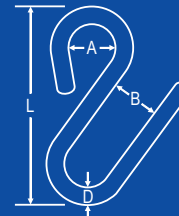
Code	B	E	L	P	R	RWL	TDL	Wgt
CGH-06	11.0	8.5	78	9.0	80	525	2100	156g
CGH-08	13.5	10.5	94	10.5	96	775	3100	286g
CGH-10	15.0	12.5	107	12.0	109	1000	4000	398g
CGH-12	19.0	16.5	140	16.0	144	1838	7350	871g

**CLEVIS PIN SLIP HOOK AISI 316**

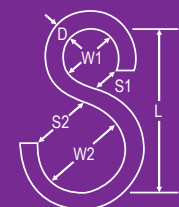
Code	B	E	L	P	R	RWL	TDL	Wgt
SHC-06	11.0	22.5	98	9.0	100	500	2000	187g
SHC-08	12.5	24.0	109	10.5	112	775	3100	334g
SHC-10	15.0	33.0	130	12.0	132	1000	4000	523g
SHC-12	19.0	42.0	165	16.0	166	1400	5600	1026

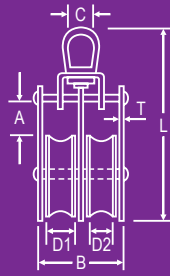
**'S' HOOK AISI 304**

Code	A	B	D	L	RWL	TDL	Wgt
SS-05	9	8.5	5.0	50	38	150	16g
SS-06	12	11.0	6.0	60	50	200	29g
SS-08	16	15.0	8.0	75	100	400	68g
SS-09	18	17.0	9.0	85	163	650	102g
SS-10	18	18.0	10.0	100	200	800	110g

**"S" HOOK WIDE OPENING AISI 304**

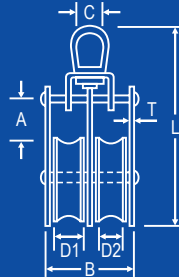
Code	D	L	S1	S2	RWL	TDL	W1	W2	Wgt
268-03	3	30	5.0	10.0	6.25	25	9	16	4g
268-04	4	36	6.0	12.0	12.50	50	12	19	9g
268-06	6	50	7.0	15.0	35.00	140	15	25	29g
268-08	8	67	8.0	18.0	62.50	250	20	33	66g





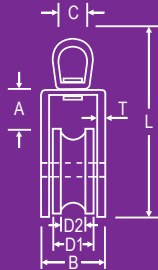
DOUBLE SHEAVE S/STEEL PULLEY W/BRASS BUSHING AISI 304

Code	A	B	C	D1	D2	L	T	RWL	TDL	Wgt
DS-25	18	37	13	13	9	88	2.0	375	1500	157g
DS-32	18	42	17	15	10	104	2.0	375	1500	305g
DS-50	31	54	19	20	13	143	2.5	625	2500	635g



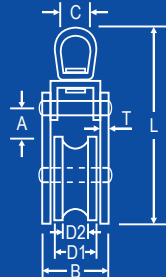
DOUBLE SHEAVE NYLON SWIV. PULLEY W/BR. BUSHING AISI 304

Code	A	B	C	D1	D2	L	T	RWL	TDL	Wgt
DS-25NL	13	38	13.5	14	10	88	2.0	238	950	157g
DS-32NL	16	38	15.0	14	10	103	2.0	238	950	306g
DS-50NL	18	50	21.0	18	13	141	2.5	700	2800	591g



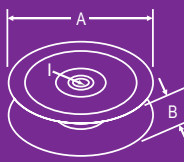
SINGLE SHEAVE S/STEEL PULLEY W/BRASS BUSHING AISI 304

Code	A	B	C	D1	D2	L	T	RWL	TDL	Wgt
SS-20	13	16.5	10.5	11.5	7	56	2.0	200	800	50g
SS-25	17	20.0	13.5	13.0	9	88	2.0	375	1500	110g
SS-32	23	22.0	17.0	15.0	10	104	2.0	450	1800	189g
SS-50	26	29.0	19.0	20.0	13	143	2.5	875	3500	371g



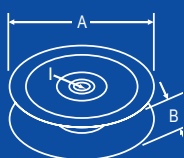
SINGLE SHEAVE NYLON PULLEY W/BRASS BUSHING AISI 304

Code	A	B	C	D1	D2	L	T	RWL	TDL	Wgt
SS-25NL	16	37	13	13	9	88	2.0	375	1500	80g
SS-32NL	19	42	17	15	10	104	2.0	425	1700	105g
SS-50NL	24	54	19	20	13	143	2.5	700	2800	281g



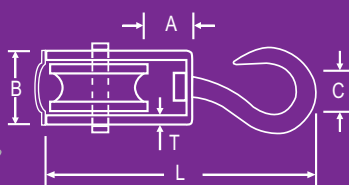
SHEAVE S/STEEL W/BRASS BUSHING AISI 316

Code	A	B	D	I	Wgt
S-50	50	19	15	10.6	120g
S-75	75	20	16	13.6	267g
S-100	100	26	18	17.3	530g
S-125	125	27	20	17.6	662g



SHEAVE NYLON W/BRASS BUSHING

Code	A	B	D	I	Wgt
S-25NL	25	15.5	10.0	8.4	10g
S-32NL	32	15.5	10.0	9.0	13g
S-50NL	50	20.5	13.5	10.0	31g



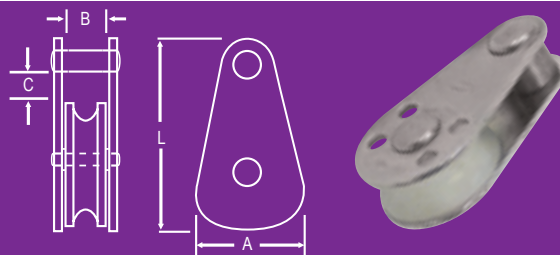
SINGLE SHEAVE PULLEY W/HOOK AISI 304

Code	A	B	C	L	T	Wgt
SS-50-H	54	29	18	148	3	400g



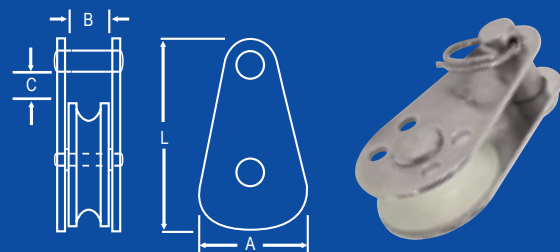
LIGHT NYLON PULLEY BLOCK FIXED PIN AISI 304

Code	A	B	C	L	Wgt
8240-15	20	6.5	10	37	17g



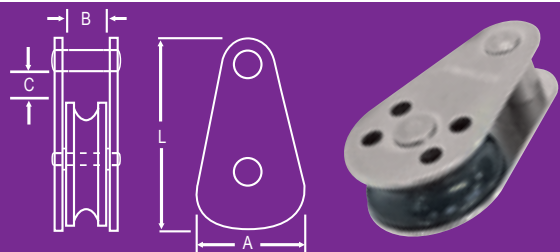
LIGHT NYLON PULLEY BLOCK REMOVABLE PIN AISI 304

Code	A	B	C	L	Wgt
8241-15	20	6.5	11	37	17g



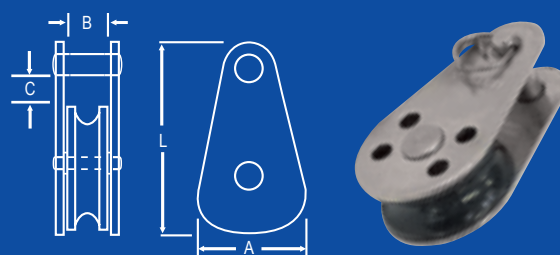
NYLON PULLEY BLOCK FIXED PIN AISI 304

Code	A	B	C	L	Wgt
8250-25	26	10	11	45	27g



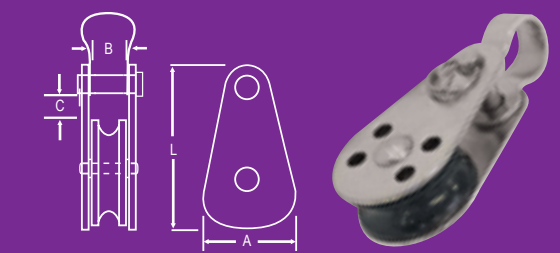
NYLON PULLEY BLOCK REMOVABLE PIN AISI 304

Code	A	B	C	D	L	Wgt
8252-25	26	10	13	6.5	45	26g



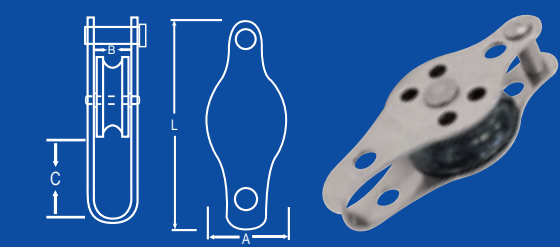
NYLON PULLEY BLOCK W/SWIVEL AND REMOVABLE PIN AISI 304

Code	A	B	C	D	L	Wgt
8253-25	26	10	13	6.5	57	30g



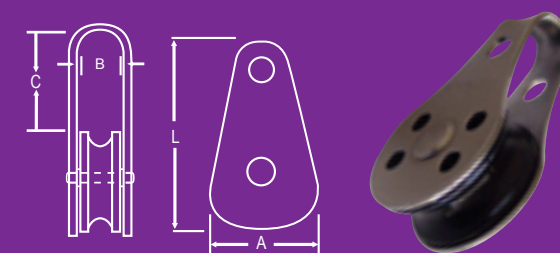
NYLON PULLEY BLOCK W/BACKET AISI 304

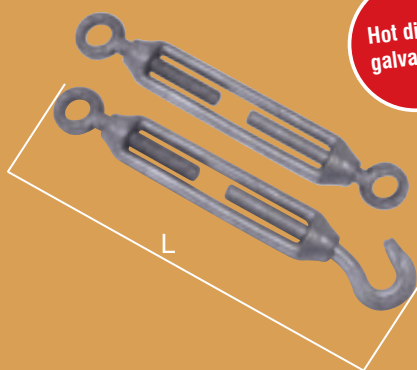
Code	A	B	C	D	E	L	Wgt
8257-25	26	10	9	6.5	20	58	25g



NYLON PULLEY BLOCK AISI 316

Code	A	B	L	C	Wgt
NPB-25	26	9.5	44	20	20g

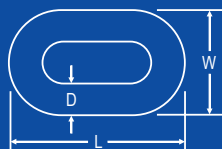




GALVANISED TURNBUCKLE - OPEN BODY

- Hot dipped galvanised turnbuckle for non rated applications
- Available in Eye + Eye & Hook + Eye Configurations
- e.g. GTB-EE-05, GTB-HE-05

Code	T	L	Wgt
GTB-05	M5	103	35g
GTB-06	M6	144	78g
GTB-08	M8	177	135g
GTB-10	M10	231	268g
GTB-12	M12	275	410g
GTB-16	M16	337	798g
GTB-20	M20	384	1183g



MEDIUM LINK CHAIN GALVANISED "GRADE S"

- Hot dipped galvanised finish
- Sold in 25Kg and 50Kg buckets
- General purpose chain for non rated applications

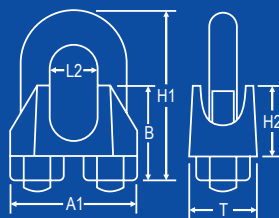
Code	D	L	W	25Kg	50Kg
CH-GAL-03	3.0	21.7	13.1	Yes	Yes
CH-GAL-04	4.0	26.6	16.0	Yes	Yes
CH-GAL-05	5.0	32.0	19.4	Yes	Yes
CH-GAL-06	6.0	38.1	22.1	Yes	Yes
CH-GAL-08	8.0	48.2	29.5	Yes	Yes
CH-GAL-10	10.0	59.1	36.2	-	Yes
CH-GAL-12	12.0	70.0	44.0	-	Yes



GALVANISED CHAIN REPAIR LINK

- Hot dipped galvanised chain repair link
- Suitable for joining galvanised chain lengths
- Suitable for non rated applications only

Code	Suit Chain	Wgt
GCRL-03	3.0	6g
GCRL-04	4.0	8g
GCRL-05	5.0	14g
GCRL-06	6.0	23g
GCRL-08	8.0	51g
GCRL-10	10.0	101g
GCRL-12	12.0	164g



GALVANISED WIRE ROPE GRIP

- An electric galvanised finish grip suitable for galvanised wire rope clamping

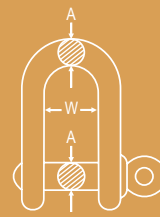
Code	Rope Ø	A1	B	H1	H2	L2	T	Wgt
GWRG-03	3.2	22	13	26	10	5.0	12.5	15g
GWRG-05	5.0	26	16	29	14	5.2	13.0	25g
GWRG-06	6.0	32	19	37	16	6.8	20.0	50g
GWRG-08	8.0	35	19	37	19	8.3	23.0	59g
GWRG-10	10.0	40	25	49	19	10.0	23.3	84g
GWRG-12	12.0	48	30	60	27	13.0	27.0	149g
GWRG-14	14.0	50	30	67	27	15.0	27.0	221g
GWRG-16	16.0	57	31	67	30	16.0	32.0	232g



GALVANISED "D" SHACKLE

- Hot dipped galvanised "D" Shackle suitable for non rated applications

CODE	A	L	W	Wgt
GSH-S-05	5	19	10	14g
GSH-S-06	6	25	13	22g
GSH-S-08	8	32	16	48g
GSH-S-10	10	41	19	99g
GSH-S-12	12	51	25	178g
GSH-S-16	16	68	32	454g
GSH-S-20	20	80	38	785g

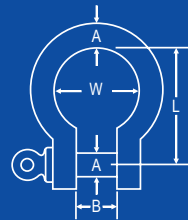


Hot dipped
galvanised

GALVANISED BOW SHACKLE

- Hot dipped galvanised Bow Shackle suitable for non rated applications

CODE	A	B	L	W	Wgt
GSH-B-05	5	15	19	10	16g
GSH-B-06	6	18	25	13	28g
GSH-B-08	8	24	32	16	52g
GSH-B-10	10	30	41	19	112g
GSH-B-12	12	39	51	25	183g
GSH-B-16	16	48	68	32	486g
GSH-B-20	20	57	80	38	844g



Hot dipped
galvanised

GALVANISED EYE NUT

- Hot dipped galvanised eye nut suitable for non rated applications

CODE	T	A	B	C	D	H	Wgt
GEN-06	M6	32	19	6	16	40	38g
GEN-08	M8	33	20	6	16	40	34g
GEN-10	M10	41	25	8	19	48	62g
GEN-12	M12	49	30	10	25	60	116g
GEN-16	M16	60	33	12	30	72	214g
GEN-20	M20	72	37	15	33	84	340g
GEN-24	M24	89	48	20	45	110	784g

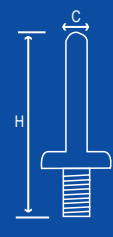
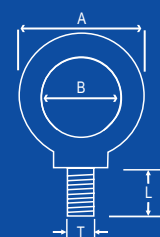


Hot dipped
galvanised

GALVANISED EYE BOLT W/COLLAR

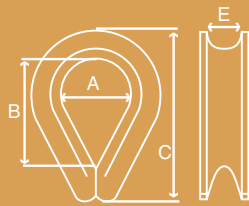
- Hot dipped galvanised eye bolt suitable for non rated applications

CODE	T	A	B	C	H	L	Wgt
GEBX-06	M6	27	15	5	39	12	19g
GEBX-08	M8	33	19	6	49	15	36g
GEBX-10	M10	40	25	8	59	15	62g
GEBX-12	M12	49	30	9	73	19	112g
GEBX-16	M16	59	34	13	86	23	228g
GEBX-20	M20	71	38	15	101	28	389g



Hot dipped
galvanised



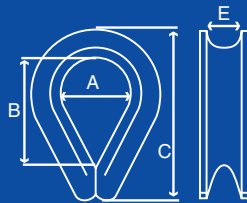


Hot dipped galvanised

GALVANISED WIRE ROPE THIMBLE

• Hot dipped galvanised finish

Code	Rope Ø	A	B	C	E	Wgt	Sold
GTH-03	3.2	11	19	28	3	6g	Each
GTH-04	4.0	12	20	31	4	8g	Each
GTH-05	5.0	14	21	32	5	8g	Each
GTH-06	6.0	19	28	38	6	16g	Each
GTH-08	8.0	23	35	52	8	32g	Each
GTH-10	10.0	29	43	65	10	64g	Each
GTH-12	12.0	38	58	75	12	82g	Each
GTH-14	14.0	42	56	82	14	100g	Each
GTH-16	16.0	42	63	91	14	121g	Each
GTH-18	18.0	44	73	102	18	209g	Each
GTH-20	20.0	53	74	113	18	251g	Each
GTH-22	22.0	54	86	141	22	310g	Each

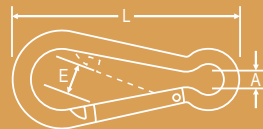


Hot dipped galvanised

GALVANISED WIRE ROPE THIMBLE BS464 HEAVY DUTY

• Heavy Duty hot dipped galvanised finish

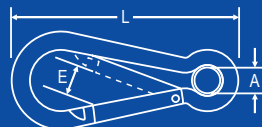
Code	Rope Ø	A	B	C	E	Wgt	Sold
GTH-06H	6.0	17	27	46	6	37g	Each
GTH-08H	8.0	24	36	52	8	42g	Each
GTH-10H	10.0	26	41	63	10	82g	Each
GTH-12H	12.0	29	45	75	12	143g	Each
GTH-14H	14.0	31	46	78	14	147g	Each
GTH-16H	16.0	41	60	99	16	241g	Each
GTH-18H	18.0	49	73	122	18	464g	Each
GTH-20H	20.0	50	78	123	20	501g	Each
GTH-22H	22.0	55	86	138	22	691g	Each



GALVANISED SPRING HOOK ZINC PLATED

• Zinc plated galvanised spring hook for non rated applications

Code	A	L	E	Wgt
GSH-05	8	50	6	14g
GSH-06	9	60	7	25g
GSH-08	12	80	10	61g
GSH-10	15	99	13	122g
GSH-12	19	138	21	251g



GALVANISED SPRING HOOK W/EYELET ZINC PLATED

• Zinc plated galvanised spring hook for non rated applications

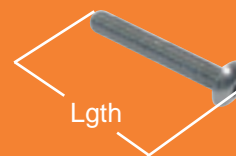
Code	A	L	E	Wgt
GSH-E-05	6	50	6	15g
GSH-E-06	7	60	7	25g
GSH-E-08	9	80	10	65g
GSH-E-10	12	101	13	129g
GSH-E-12	17	140	22	258g



BOTTOM HEAD CAP S/STEEL SCREW AISI 304

- Use with internal threaded terminal range (see p15)

Code	Size	Lgth	Sold
BHTS-0530	M5	30.0	each
BHTS-0550	M5	52.7	each
BHTS-0620	M6	23.5	each
BHTS-0640	M6	40.0	each
BHTS-0820	M8	24.4	each
BHTS-0850	M8	54.5	each



POP RIVETS ALL S/STEEL AISI 304

- S/Steel Shaft and Head

Code	Ø	Lgth	Sold
POP-53	4.0	8.5	each
POP-54	4.0	10.0	each
POP-64	4.8	11.0	each
POP-68	4.8	16.5	each



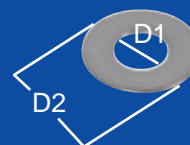
ALL THREAD S/STEEL AISI 304

Code	Size	Sold	Wgt
ALT-06	M6	Metre	171g
ALT-08	M8	Metre	310g
ALT-10	M10	Metre	496g
ALT-12	M12	Metre	716g



FLAT WASHER S/STEEL AISI 304

CODE	Size	D1	D2	Sold
WASHER-05	5	5.5	12	each
WASHER-06	6	6.3	15	each
WASHER-08	8	8.5	19	each
WASHER-10	10	10.2	22	each
WASHER-12	12	13.4	27	each
WASHER-14	14	14.6	31	each



HEX NUT S/STEEL AISI 304

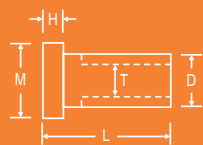
Code	Size	Sold
NUT-05	M5	each
NUT-06	M6	each
NUT-08	M8	each
NUT-10	M10	each
NUT-12	M12	each
NUT-16	M16	each



DOME NUT S/STEEL AISI 304

Code	Size	Sold
D-NUT-05	M5	each
D-NUT-06	M6	each
D-NUT-08	M8	each
D-NUT-10	M10	each
D-NUT-12	M12	each

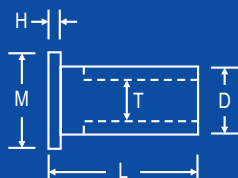
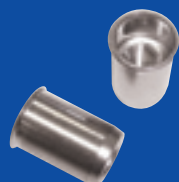




BLIND RIVET NUT - LARGE FLANGE AISI 304

- Female threaded insert for fixing eye screws to posts
- Insert with LN-2 or LN-3 (see below)

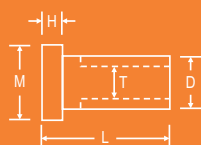
Code	T	D	H	L	M	Sold
BRN-5	M5	7	1.1	13	9.5	each
BRN-6	M6	9	1.5	16	12	each
BRN-8	M8	11	1.6	18	15	each
BRN-10	M10	12.5	2.0	21	16.5	each



BLIND RIVET NUT - SMALL FLANGE AISI 304

- Female threaded insert for fixing eye screws to posts
- Install with LN-2 or LN-3 (see below)

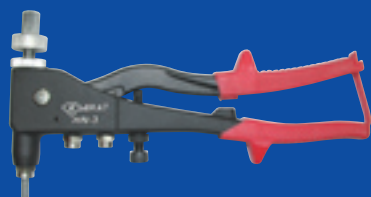
Code	T	D	H	L	M	Sold
SBRN-6	M6	8.8	0.7	14	10.0	each
SBRN-8	M8	10.7	0.8	16	11.5	each



BLIND RIVET NUT - LARGE FLANGE ALUMINIUM

- Female threaded insert for fixing eye screws to posts
- Insert with your choice of rivet nut tool (see below)

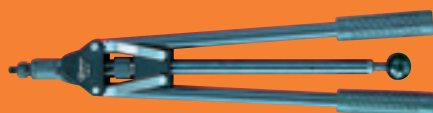
Code	T	D	H	L	M	Sold
ABRN-6	M6	9	1.5	16	13	each
ABRN-8	M8	11	1.6	18	15	each



BLIND RIVET NUT HAND TOOL - ALUMINIUM RIVETS

- For insertion of *aluminium* rivet nuts
- Includes full range of nose piece sizes
- Not recommended for stainless steel insertion

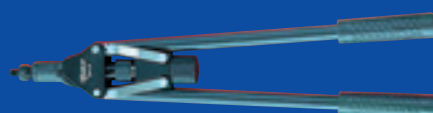
Code	Range
HN-3	M4 - M6



BLIND RIVET NUT HAND TOOL - FAST INSERTION

- For fast insertion of *all types of* rivet nuts
- Complete with quick threading unit, steel carry case and full range of nose piece sizes

Code	Range
LN-2	M5 - M10

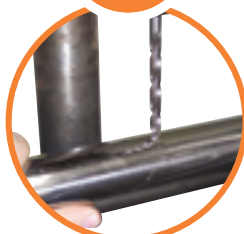


BLIND RIVET NUT HAND TOOL - STANDARD

- For insertion of *all types of* rivet nuts
- Suits place-limited areas, c/w steel carry case and full range of nose piece sizes

Code	Range
LN-3	M5 - M10

STEP 1



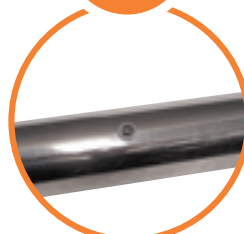
STEP 2



STEP 3



STEP 4



STEP 5





AC-8 OPT WIRE ROPE CUTTER

- Quality OPT wire rope cutter suitable for cutting 0.6 - 4.0mm rope

Code	L	Cut Ø	Wgt
AC-8	180	0.6 - 4.0mm	0.31Kg



AC-200 OPT WIRE ROPE CUTTER

- Quality OPT forged handle wire rope cutter suitable for cutting 0.6 - 8.0mm rope
- Forged handles

Code	L	Cut Ø	Wgt
AC-200	600	0.6 - 8.0mm	2.1Kg



WIRE ROPE CUTTERS (RC-TYPE)

- Quality sharp wire rope cutters which cut cleanly without leaving behind splayed edges

Code	L	Cut Ø	Wgt
RC-450	450	1.5-12.0mm	2.54Kg
RC-800	800	1.5-16.0mm	5.31Kg



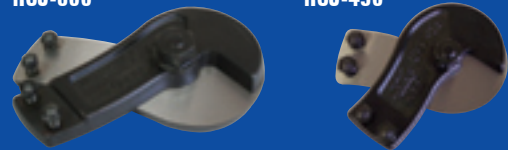
ACCESSORIES (RC-TYPE)

- Replacement blades for RC-Type wire rope cutters

Code	Suit	Wgt
RCJ-450	RC-450	460g
RCJ-800	RC-800	1.13Kg

RCJ-800

RCJ-450



BUDGET WIRE ROPE CUTTERS

Code	L	Cut Ø	Wgt
TD-1001A-18	457	12.0mm	1.80Kg
TD-1001A-24	610	16.0mm	2.84Kg
TD-1001A-36	914	20.0mm	5.10Kg



BUDGET WIRE ROPE CUTTERS (BENCH MOUNT)

- Bench mounted wire rope cutters with drop forged jaws

Code	L	Cut Ø	Wgt
TD-1001D-24	610	16.0mm	5.41Kg

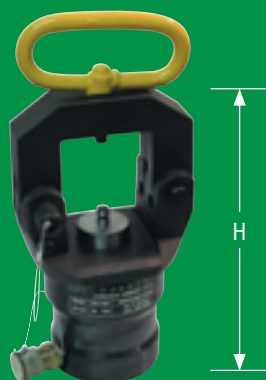


WIRE ROPE TENSION GAUGE

- Professional tension gauge for accurate measurement of tension in balustrade and rigging wire
- High accuracy
- Easy to use
- Hands free tensioning

Code	Rope Size	Length
TG-WR-1	2.5/3.2/4.0mm	270





OPT HYDRAULIC SWAGE PRESS

- Quality hydraulic swage press for precise swaging of terminals and machine ferrules
- Full range of spare parts available
- Use in conjunction with HP-1

CODE	H	Output	Wire Range Ø	Wgt
CO-630	360	30T	2.5-6.0mm	16Kg
CO-1000	420	50T	2.5-16.0mm	38Kg



OPT HYDRAULIC HAND PUMP

- Quality hydraulic manual hand pump for swaging
- Used in conjunction with CO-630 or CO-1000 hydraulic press

Code	Capacity	H	L	Output	W	Wgt
HP-1	700cc	150	600	13cc/Str.	150	13kg



HAND HYDRAULIC SWAGE PRESS 12TON

- Quality hydraulic hand held swage press for precise swaging of terminals & machine ferrules
- 30mm jaw opening
- Fibreglass handles

Code	L	Wire Swage Ø	Wgt
TP-300	630mm	3.0/4.0mm	6.6kg



DIES TO SUIT CO-630 HAND PRESS

- Other sizes available on request
- Dies to suit CO-1000 available on request

HEX DIES SUIT 30 TONNE

- For swaging s/steel terminals

Code	Rope Ø
DIE-025H	2.5mm
DIE-03H	3.2mm
DIE-03-03H	3.2 / 3.2mm
DIE-03-04H	3.2 / 4.0mm
DIE-04H	4.0mm
DIE-05H	5.0mm
DIE-06H	6.0mm
DIE-08H	8.0mm
DIE-10H	10.0mm

ROUND DIES SUIT 30 TONNE

- For swaging alloy or copper ferrules

Code	Rope Ø
DIE-03R	3.2mm
DIE-04R	4.0mm
DIE-05R	5.0mm
DIE-06R	6.0mm
DIE-08R	8.0mm
DIE-10R	10.0mm
DIE-12R	12.0mm



DIES TO SUIT TP-300 HAND PRESS (HEX ONLY)

- For swaging s/steel terminals
- Round dies available on request

Code	Rope Ø
DIE-03H-TP	3.2mm
DIE-04H-TP	4.0mm



PRESSURE GAUGE FOR HYDRAULIC PRESS

- Optional gauge for CO-630 or CO-1000

Code **Max. Pressure**

GA-1000 700Kg/Cm²



HYDRAULIC HOSE REPLACEMENT W/COUPLINGS

- Replacement hose for HP-1

Code **Lgth**

H-18 1.8M



REPLACEMENT QUICK COUPLING FOR HYDRAULIC PRESS

- Replacement coupling set for CO-630 or CO-1000

Code

C-18

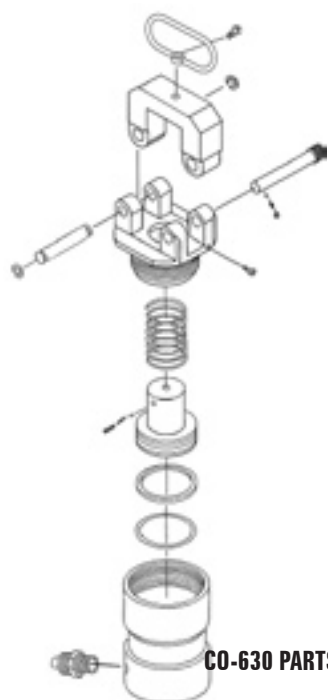


REPLACEMENT COVER CAP FOR HYDRAULIC COUPLING

- Replacement cover cap for CO-630, CO-1000, HP-1, HP-2, HP-3

Code

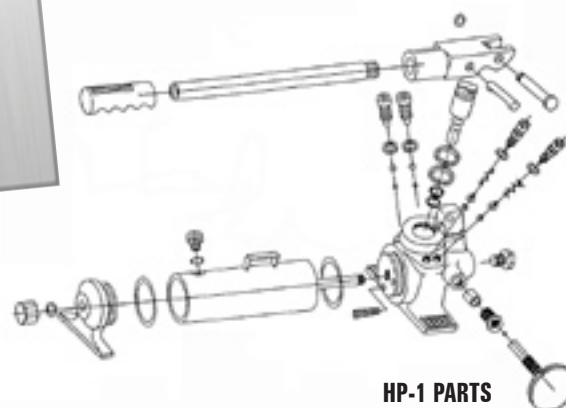
C-15



CO-630 PARTS



full range of
spare parts
available for
all models
of tools



HP-1 PARTS



HS-10



HS-14



HS-18



HS-24



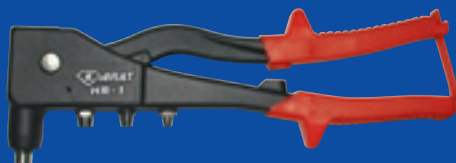
HS-25



HSC-350



HSC-600



HAND SWAGER

- For swaging of wire rope ferrules only (see p22)

Code	L	Wire Swage Ø	Wgt
HS-10	255	1.0 / 1.5 / 2.0mm	0.433Kg
HS-14	350	2.0 / 2.5 / 3.2mm	1.019Kg
HS-18	460	1.6 / 2.5 / 3.2 / 4.0mm	2.370Kg
HS-24	600	2.0 / 2.5 / 3.2 / 4.0 / 5.0mm	2.709Kg
HS-25	635	6.0mm	2.292Kg

SWAGING DETAIL



HSC TYPE HAND SWAGERS / CUTTERS

- Quality combination tool for swaging of wire rope ferrules and cutting of wire rope

Code	L	Wire Swage Ø	Cut Ø	Wgt
HSC-350	350	1.5/2.0/2.5/3.2mm	3.2mm	2.13Kg
HSC-600	600	1.5/2.0/2.5/3.2/4.0/5.0mm	5.0mm	4.4Kg

HSC TYPE HAND SWAGER BENCH MOUNT

- Quality hand operated swager with cutter (bench mount type)

Code	L	Wire Swage Ø	Cut Ø	Wgt
HSC-600BB	600	1.5/2.0/2.5/3.2/4.0/5.0mm	5.0mm	8.1Kg

HAND POP RIVET TOOL "FIXED HEAD"

- Quality pop rivet tool for fixing pop rivets

Code	Range	Wgt
HR-1	2.4-4.8mm	590g

HAND POP RIVET TOOL "360°" SWIVEL HEAD

- Quality 360° swivel head pop rivet tool for those hard to reach areas

Code	Range	Wgt
RHR-360	2.4-4.8mm	722g

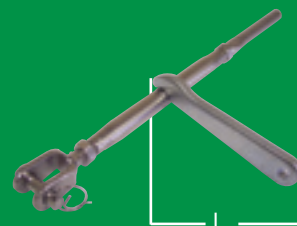


C SPANNERS/REPLACEMENTS

C SPANNER FOR M5 RIGGING SCREW (Z/P STEEL)

- Easy to use tool for turning the body of an M5 rigging screw

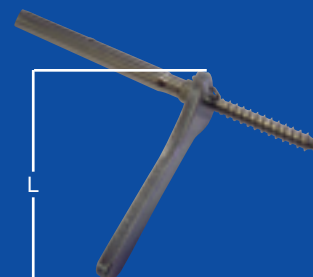
Code	Lgth	Wgt
C-SPAN-1	70	23g



C SPANNER FOR M5 TERMINALS (Z/P STEEL)

- Easy to use tool for tightening M5 terminals
- Suited to LS-TT-M5 and RS-LS-53

Code	Lgth	Wgt
C-SPAN-2	70.5	32g



C SPANNER FOR M6 TERMINALS (Z/P STEEL)

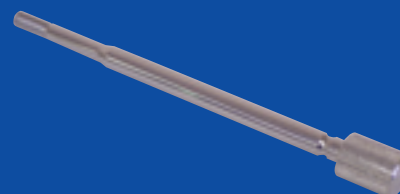
- Easy to use tool for tightening M6 terminals
- Suited to LS-TT-0306L/R and LS-TT-M6

Code	Lgth	Wgt
C-SPAN-3	70.5	32g



MANDREL REPLACEMENTS FOR HN-3 BLIND RIVET NUT TOOL

Code	Size
HN-M-4	M4
HN-M-5	M5
HN-M-6	M6



MANDREL REPLACEMENTS FOR LN-2 & LN-3 BLIND RIVET NUT TOOL

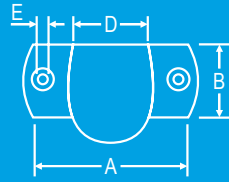
Code	Size
LN-M-5	M5
LN-M-6	M6
LN-M-8	M8
LN-M-10	M10



MANDREL REPLACEMENT SETS FOR LN-2 & LN-3 BLIND RIVET NUT TOOL

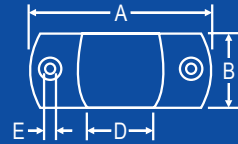
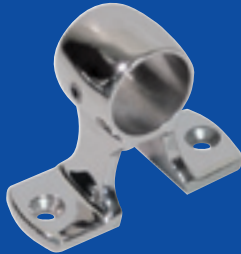
Code	Range	Measurement
LN-M-SET	M5/M6/M8/M10	Metric
LN-I-SET	3/16" - 1/4" - 5/16" - 3/8"	Imperial





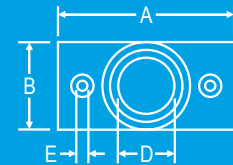
RAIL END CAP 1" AISI 316

Code	A	B	D	E	Screw Size	Wgt
S391	72	30	25.4	5	12g	162g



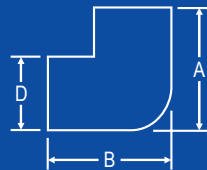
1" RAIL CENTRAL CAP AISI 316

Code	A	B	D	E	Screw Size	Wgt
S392	72	30	25.4	5	10g	152g



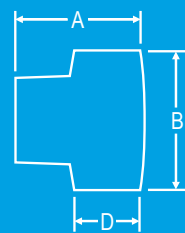
1" DECK TEE 90° AISI 316

Code	A	B	D	E	Screw Size	Wgt
S393	73	35	25.4	6	14g	132g



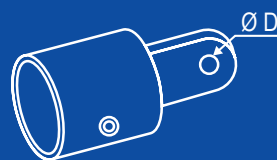
1" RAIL ELBOW 90° AISI 316

Code	A	B	D	Wgt
S394	50	50	25.4	167g



1" RAIL TEE 90° AISI 316

Code	A	B	D	Wgt
S395	55	55	25.4	189g



1" CANOPY TOP CAP AISI 316

Code	D	Wgt
31601	1/4"	71g

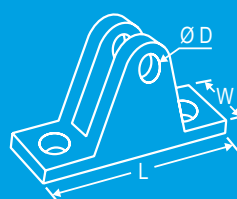


1" CANOPY TOP SLIDE W/BOLT AISI 316

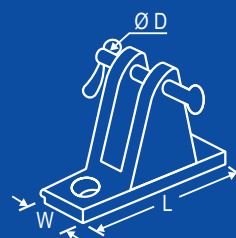
Code	D	Wgt
31602	1/4"	142g

**1" CANOPY DECK HINGE 90° AISI 316**

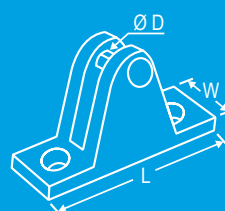
Code	D	L	Screw Size	W	Wgt
31614	1/4"	50	10g	22	57g

**1" CANOPY DECK HINGE W/REMOVABLE PIN AISI 316**

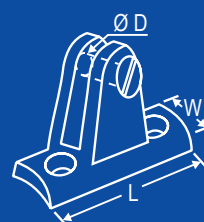
Code	D	L	Screw Size	W	Wgt
31614A	1/4"	50	12g	22	113g

**1" CANOPY DECK HINGE ANGLE BASE AISI 316**

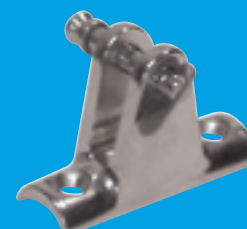
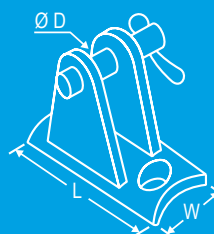
Code	D	L	Screw Size	W	Wgt
31606	1/4"	50	12g	22	57g

**1" CANOPY RAIL HINGE CONCAVE AISI 316**

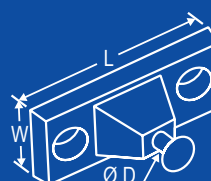
Code	D	L	Screw Size	W	Wgt
316061	1/4"	50	10g	22	57g

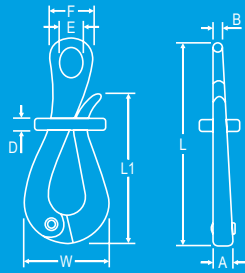
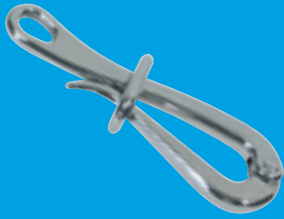
**1" CANOPY RAIL HINGE CONCAVE REMOVABLE PIN AISI 316**

Code	D	L	Screw Size	W	Wgt
316061A	50	22	12g	1/4"	113g

**1" CANOPY DECK HINGE SIDE MOUNT AISI 316**

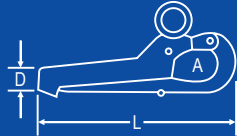
Code	D	L	Screw Size	W	Wgt
31612	1/4"	50	12g	22	57g





PELICAN HOOK AISI 316

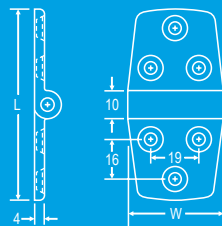
Code	A	B	D	E	F	L	L1	W	Wgt
PH2-04100	8	5	5	10	20.0	1002	3.5	40	105g
PH2-06150	12	6	6	13	25.5	1503	4.0	49	250g



PELICAN HOOK AISI 316

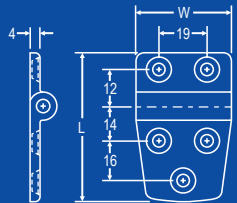
- Use with threaded terminal range (see p15)

Code	A	D	L	Wgt
PH-06	12.5	M6	76	70g
PH-08	15.5	M8	101	136g



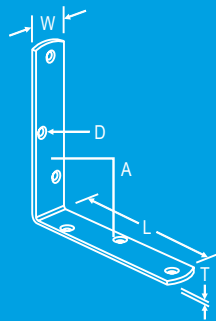
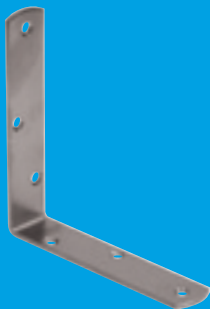
EVEN HINGES AISI 316

Code	L	Screw Size	W	Wgt
S9222-75	75	10g	38	73g
S9222-90	90	10g	38	95g
S9222-105	105	10g	38	112g



UNEVEN HINGES AISI 316

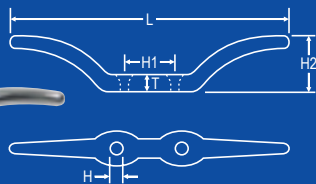
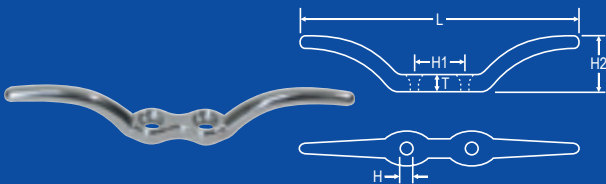
Code	L	Screw Size	W	Wgt
S9223-57	57	10g	38	59g
S9223-71	71	12g	38	79g



CORNER STAY AISI 304

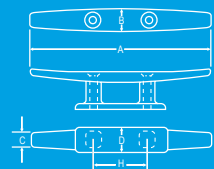
- Alternate sizes and lengths available on request

Code	A	D	L	T	W	Wgt
CS2045	90deg.	4.5	45	3	20	35g
CS2090	90deg.	4.5	90	3	20	75g
CS20120	90deg.	4.5	120	3	20	103g
CS2575	90deg.	4.5	75	3	25	81g
CS25120	90deg.	4.5	120	3	25	127g
CS3045	90deg.	4.5	45	3	30	56g
CS3090	90deg.	4.5	90	3	30	114g
CS30105	90deg.	4.5	105	3	30	139g
CS30120	90deg.	4.5	120	3	30	160g



BUTTERFLY TYPE 2-HOLE ROPE CLEAT AISI 316

Code	H	H1	H2	L	Screw Size	T	Wgt
BRC-2	4.0	10.5	12	67	8g	4	10g
BRC-4	5.8	20.5	20	112	10g	6	38g
BRC-6	6.8	24.4	26	150	12g	8	75g



LOW FLAT TYPE 2-HOLE ROPE CLEAT AISI 316

Code	A	B	C	D	H	Screw Size	Wgt
LF2-4	100	14	9	11	30mm	6g	68g
LF2-6	150	20	12	16	45mm	12g	185g
LF2-8	200	23	15	16	55mm	16g	315g



Inox Protective Products

J & G Trading are proud providers of Inox quality products. Inox is a quality product designed for heavy industrial use and where extreme climatic conditions prevail. Inox contains no silicon, acid, dieselene or kerosene. Inox will not harm metal points, surfaces, plastics, paints, enamels or finishes, fibreglass, formica or neoprene seals. Inox does not dry out, gum up, become gooey or sticky or **wash off with water!**

Inox is non-conductive, non-static, non-toxic, non-corrosive and non-staining.

Lanolin is a natural wax found in animal wool, especially the wool from sheep, commonly referred to as 'wool fat' or 'wool grease', it has wide spread uses. Lanolin adheres tenaciously to most surfaces providing a defensive shield that protects the treated surface from corrosion or oxidation.

LANOX HEAVY DUTY MX4 ANTI-CORROSION LANOLIN LUBRICANT

- Heavy duty anti-moisture, anti-corrosion lubricant made with a high grade lubricating oil and lanolin base with specialised chemical compounds
- Contains no silicon, kerosene, acids or dieselene
- Does not become sticky, gooey or gum up. Does not dry out or wash off with water
- Non-conductive, non-static, non-corrosive and has low flammability (non-aerosol)

Code	Size
INOX-300	300g Aerosol
INOX-5000	5L
INOX-20000	20L



LANOX MX4 SUPERIOR ANTI-CORROSION LANOLIN GREASE

- Non-toxic, food grade approved lanolin grease
- Can be used as an anti-seize for bolts, nuts and threaded rod
- Prevents electrolysis between dissimilar metals
- Non-carcinogenic, bio-degradable, highly resistant to salt and acid corrosion and provides lasting protection
- Environmentally and user friendly

Code	Size
INOX-G-500	500g Tub
INOX-G-2500	2.5kg Tub



INOX MX5 PLUS EXTREME PRESSURE LIQUID LUBRICANT WITH PTFE

PTFE is a premium grade extreme pressure anti-friction medium which provides increased lubrication ability between the surfaces

- Will not become tacky, alter surface tolerances, dry out or wash off with water
- Non-toxic, non-conductive, non-corrosive and non-staining
- May affect some natural rubber products with continual long term use

Code	Size
INOX-P-300	300g Aerosol



INOX MX7 EXTREME PRESSURE PTFE PASTE

- Specifically formulated for ultra extreme pressure lubrication and where tough thread anti-seize applications are required
- Contains anti-corrosion additives

Code	Size
INOX-L-125	125g Tube



STAINLESS STEEL PROTECTION

Poligrat Surface Finishing Products

The unique Polinox range of surface finishing products employs the latest in German technology to bring our customers a range of surface cleaners and stain removers for stainless steel. To aid in product selection for your particular job, please read the following information. For chemical composition and MSDS please contact us for more information.

1. Polinox-US Rust & Stain Remover

Rust and stain remover for efficient treatment of contaminated stainless steel. Discolouration is removed and full corrosion resistance is restored. Original surface polish is not compromised.

Application

- Do not apply in direct sunlight
- Apply undiluted by spray, brush or roller
- Leave for 30 mins to 1 hour depending on severity
- Rinse off with water
- This paste is corrosive, gloves, protective clothing and goggles must be worn

Uses

Commercial & domestic balustrading, architectural features, yacht bowrails & fittings, handrails.

2. Polinox-C Cleaner & Restorer

Acidic cleaner to degrease, clean and remove surface rust. Especially effective at removing water marks. Passivates the surface thereby increasing corrosion resistance. Original surface polish is not compromised.

Application

- Apply undiluted by brush, roller, cloth or spray unit
- Temperature of surface should be 5 to 30 degrees
- Leave for 15 to 45mins
- Water rinse off
- This liquid is poison, protective clothing and gloves must be worn.

Uses

Handrails, tanks & pipework for food/wine/dairy industry etc, transportation vehicles such as trucks & trains.

3. Polinox-CSG Cleanox

Cleans and preserves surfaces which have been polished ground or glass bead treated. Makes surface less susceptible to fingerprints and prevents fingerprints reappearing. Minimises cleaning and care of decorative stainless, especially around handles. Provides uniform surface finish on all metals.

Application

- Apply undiluted by immersion, spraying or wiping
- After drying CLEANOX leaves a thin protective coating preventing soiling
- No need to rinse or wash off

Uses

Benchtops and splashbacks, kitchen appliances, handrails, door handles, display areas.



Poligrat
Stainless Steel
Protectants &
Cleaners





POLINOX-US STAINLESS STEEL RUST & STAIN REMOVER

- Cleans and removes rust and stains, such as tea staining
- Surface retains original polish after application
- Please contact us for more information and MSDS
- Alternate sizes available on request

Code **Size**

P-157-0020 200ml

P-157-0100 1 Litre

Removes
tea staining



POLINOX-C STAINLESS STEEL CLEANER & RESTORER

- Cleans grime, salt deposits & surface contamination from s/steel
- Gives a metallic finish to s/steel
- Please contact us for more information and MSDS
- Alternate sizes available on request

Code **Size**

P-158-0010 1 Litre

P-158-0011 5 Litre

Cleans
stainless
steel



POLINOX-CSG CLEANOX STAINLESS STEEL CLEANER

- Cleans & prevents finger prints and provides extra protection against staining on s/steel
- Provides a uniform surface finish to handrails etc
- Leaves a thin protective layer to prevent further soiling
- Please contact us for more information and MSDS
- Alternate sizes available on request

Code **Size**

P-162-200 200ml

P-162-1000 1 Litre

P-162-5000 5 Litre

Prevents
finger marks



Please obtain
and read MSDS
before using
poligrat products

WORK-PRACTICE DATA SHEET - THIS IS A SUMMARY ONLY - FULL REPORT AVAILABLE

POLINOX US
HAZARDOUS ACCORDING TO WORKSAFE CRITERIA
Company Contact No. (+61 3) 9775 1620

ChemWatch 4918-25

UN No. 3084
Hazard Code: 2X
DO Class: 8
Subsidiary Risk: None
Poisons Schedule: 58

INGREDIENTS
phenylacetic acid
hydrofluoric acid
water

PROPERTIES
Liquid
Mixes with water
Corrosive
Acid

HEALTH HAZARD INFORMATION
Acute Health Effects:
Irritating to eyes, respiratory system and skin.
Cumulative health effects may result following exposure*.
(limited evidence)

FIRST AID
Swallowed:
Give milk or water (if conscious) URGENT MEDICAL ATTENTION.
Eye:
Wash with running water (15 mins). Medical attention.
Skin:
Rinse body with water. Remove contaminated clothing. Wash with water & soap. MEDICAL ATTENTION.
Inhalation:
Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.

ENVIRONMENTAL
Always problems 100% O2. Treat burns as thermal. Retract eyelids - irrigate 30 mins.

Issue Date: 29/7/2002 Print Date: 9/12/2003 Copyright ChemWatch +613 9572 4700.

WORK-PRACTICE DATA SHEET - THIS IS A SUMMARY ONLY - FULL REPORT AVAILABLE

CSG CLEANOX
HAZARDOUS ACCORDING TO WORKSAFE CRITERIA
Company Contact No. (+61 3) 9775 1620

ChemWatch 4918-24

INGREDIENTS
liquid hydrocarbons
barium compound
glycol derivative

PROPERTIES
Liquid.
Does not mix with water.
Flammable on water.

HEALTH HAZARD INFORMATION
Acute Health Effects:
HARMFUL - May cause lung damage if swallowed.
Vapours may cause dizziness or suffocation.
Inhalation and/or ingestion may produce health damage*.
May produce discomfort of the eyes, respiratory tract and skin*.
(limited evidence)
Chronic Health Effects:
Cumulative effects may result following exposure*.
(limited evidence)

FIRST AID
Swallowed:
Contact doctor or Poisons Centre.
Give glass of water.
Eye:
Wash with running water (15 mins). Medical attention.
Skin:
Remove contaminated clothing. Wash with water and soap.
Inhalation:
Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.

PRECAUTIONS FOR USE
Engineering Controls:
General Exhaust Ventilation adequate.
Glasses:
Chemical goggles.
Gloves:
Nitrile.
Respirator:
Type A-P Filter of sufficient capacity
Flammability:
Combustible.

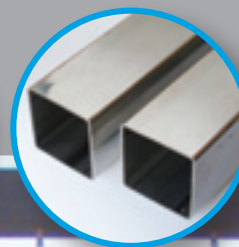
SAFE HANDLING INFORMATION
Storage & Transport:
Keep container tightly closed.
Keep container in a well ventilated place.
Keep away from food, drink and animal feeding stuffs.
Spills & Disposal:
Eliminate: Spill sources.
Absorb with dry agent.
Shovel if safe to do so.
Take off immediately all contaminated clothing.
To clean the floor and all objects contaminated by this material, use water and detergent.
Fire/Explosion Hazard:
Toxic smoke/fumes in a fire.
Fire Fighting:
Foam.

ADVICE TO DOCTOR
Evaluate for respiratory distress. Consider lavage with cuffed tube. NO admission.

Issue Date: 8/8/2002 Print Date: 9/12/2003 Copyright ChemWatch +613 9572 4700.



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systems
catalogue
available on
request



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