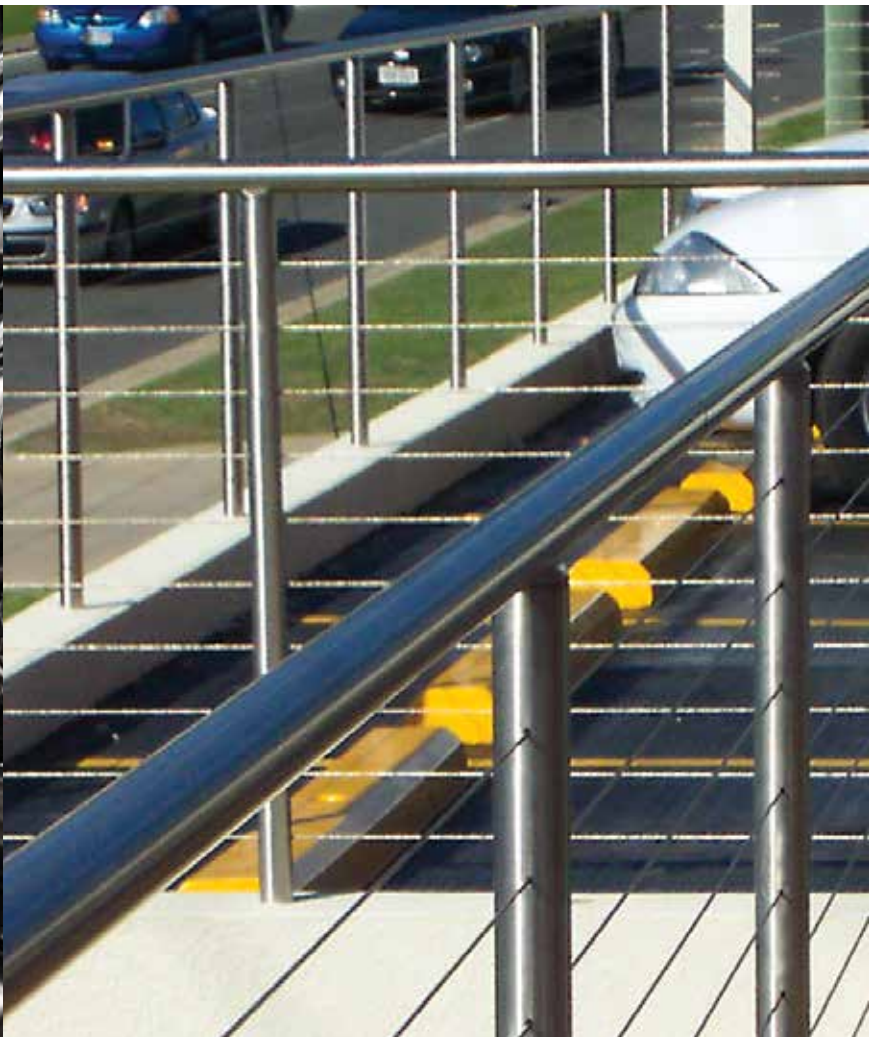


BRIDCO

STAINLESS STEEL HARDWARE AND ROPE FITTINGS

Importers and Wholesalers of Stainless Steel Hardware and Wire Rope Fittings, Swage Presses and associated machinery. Grade 50 load rated lifting chain and components.



BRIDGE & COMPANY PTY LTD

37 Taree Street Burleigh QLD 4220

Telephone: (07) 55 935 688 Fax: (07) 55 935 872

Email: bridge@bridco.com.au

www.bridco.com.au

INTRODUCTION

This catalogue contains a comprehensive range of quality stainless steel components for virtually all rigging and architectural requirements.

Using this catalogue

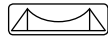
Some products in this catalogue have been tested for strength. These are measured in 2 different ways.

TDL (Tested Deformation Load) is the load at which the product starts to deform.

BS (Breaking strength) is the load at which the product breaks. Due to the low yield strength of stainless steel, deformation will often occur at much lower loads than the breaking strength, depending on the product, e.g. a forged 10mm stainless steel shackle will have a breaking load of approximately 5500kg, with deformation of the shackle beginning at 1600kg, whereas a grade "S" steel shackle in the same physical size might have the same breaking load, but the deformation load could be as high as 4000kg.

Stainless steel components cannot be compared with rated lifting components and should not be proof tested under the same guidelines.

BRIDCO RANGE:

Quality fittings that are extremely well priced. Regular batch tests are conducted for chemical analysis, deformation loads and sizing tolerances. Many of the Bridco products have been specially marked to identify sizing. Many of these items are marked "BRIDCO" or with a  image to ensure you have genuine products.

JAKOB RANGE:

High quality Swiss products specifically designed for architectural and structural applications. Wide range to suit almost any application. Jakob are known world-wide for quality. Full product catalogue available.

STAINLESS HANDRAIL FITTINGS:

A full range of Stainless steel modular railing systems and glass clamps. No welding required, light and Heavy duty tubing and fittings make our modular range perfect for commercial and domestic applications.

STAINLESS STEEL LIFTING COMPONENTS:

High quality 316L grade Stainless Steel products, rated specifically for the lifting industry. High grade chain, hooks, rings and shackles.

TALURIT SWAGE CLAMPS:

EN standard aluminium clamps for wire rope swaging. Hydraulic clamps in copper and stainless steel.

WIRETEKNIK:

Roll swage machines for terminal swaging. Variety of sizes available, top quality. Lloyd's approved.

CLAMP PRODUCTS:

Wide range of quality hand swage ferrules and tools.

CROMOX RANGE:

Grade 50 & 60 rated lifting gear.

BRIDCO IN HOUSE SERVICES

Bridco cater for all types wire rope swaging and terminations from simple hand crimping to hydraulic pressing and roll swaging.

Sizing and tooling are as follows:

40t Talurit press - pressing 3 & 4mm terminal ends specifically for balustrading.

150t Talurit press – pressing up to Code 22 ferrules.

A350 WireTeknik Roll Swaging – For terminal swaging up to 16mm.

A400 WireTeknik Roll Swaging - For terminal swaging up to 22mm.

Bridco have a full workshop where we can pre-cut and drill our Stainless Steel Modular Railings to suit any job.

Prices are subject to change without prior notice, however every effort will be made to ensure our customers are informed of any increases. Therefore Bridco will not be held responsible for underquoting due to price increases.

Product updates and new products can be

GRADES:

There are many grades of stainless steel, the majority of stainless steel items in the catalogue are either grade 304, 316 or 316L, which are members of the Austenitic family.

GRADE 304:

Has good corrosion resistance and is one of the most commonly used grades of stainless steel.

GRADE 316:

Has a higher level of corrosion resistance. The grade 316 is often referred to as "marine grade". Typical applications are boat fittings and architectural components for exposed coastal applications. The majority of products in this catalogue are grade 316.

GRADE 316L:

Has similar properties to grade 316. The "L" stands for lower carbon content.

WHAT IS TEA STAINING?

Tea staining can be defined as; discolouration of the surface of stainless steel that does not affect the structural integrity of the longevity of the material.

Contributing factors... And what can be done about them

The relationships between the contributing factors are complex, but generally become increasingly critical closer to marine water.

Environmental factors

Tea staining occurs most commonly within about 5 kilometres from the surf and becomes progressively worse closer to the marine source. However, wind exposure, pollution levels and higher temperatures can create environments where tea staining might occur 20 kilometres or more from the sea water. These same factors also increase corrosion rates of alternative materials.

Surface finish

Rough surface finishes promote tea staining; The smoother the surface finish, the better. A surface roughness (Ra) of less than 0.5 micrometres is strongly recommended, a No. 4 finish is inadequate. Typically the products in this catalogue are 320 grit or higher which achieves a finish better than 0.5 micrometres Ra.

Maintain regularly

Stainless steel is not maintenance free but maintenance friendly. When using stainless steel material outdoors you need to clean periodically, especially in aggressive environments like coastal areas or swimming pools. Washing regularly will reduce the risk of tea staining. For best results wash with soap or mild detergent and warm water, followed by rinsing with cold water. The appearance of the surface can be improved further if the washed surface is wiped dry. There are a few products in this catalogue we recommend for maintenance and cleaning.

Installation and inspection

After installation the completed structure should be washed and inspected for imperfections or contaminants caused by the installation process. If discovered, imperfections should be cleaned

off and polished with a suitable stainless polish. Hydrochloric acid, sometimes used to clean cement or mortar residues, should **NOT** be used on stainless steel as it will stain the surface and may start more serious corrosion.

The above notes have been researched by the Australian Stainless Steel Development Association (ASSDA) of which BRIDCO is a member.

Mechanical properties

It should be noted that although the ultimate strength of stainless steel, compared to mild steel, is relatively high, the yield factor of stainless steel is much lower, i.e. yield strength can be as low as 40 – 50% of the ultimate break load. (mild steel by comparison has a yield strength of about 65 – 70%).

***N.B.** It is important to make allowances for the low yield factor when designing structures that require safe working load. The usual proof tests of half break load cannot always be applied to stainless steel products. We advise consultation with your supplier for advice before conducting proof tests. It has not been feasible to include yield strengths in our Bridco catalogue as they can vary from item to item and application.*

Returns and credit

No merchandise will be accepted for return after 30 days or without prior authorisation from Bridco. Merchandise returned for any reason other than when supplied in error must have freight charges pre-paid to our warehouse. Goods returned 'freight-on' without prior approval will be returned to sender without notice at the senders cost. Invoice or delivery docket, along with return authorisation number must accompany returned goods. Claims for short or incorrect deliveries must be advised within 72 hours after receipt of goods. Goods must be returned in new condition.

Warranty and guarantee

All items stocked at Bridco are guaranteed to be free from defect at the time of shipment. Any item considered by Bridco to be defective will be replaced or adjusted, provided we are notified promptly, within 7 days, upon receipt and if requested returned to Bridco for examination. This guarantee becomes void if repairs are attempted by any other parties other than the supplier. Bridco will not be responsible for any labour costs, charges or penalties incurred in replacement of any item. Bridco will not be liable for defects in any item, which exceeds its replacement cost to Bridco.

Bridco will not be held responsible for any replacement of products proof tested without prior consultation. Bridco recommend checking dimensions & TDL with our sales staff or our website before purchasing Bridco products. Bridco will not be held responsible for any errors or changes to Dimensions, Breakloads or TDL.

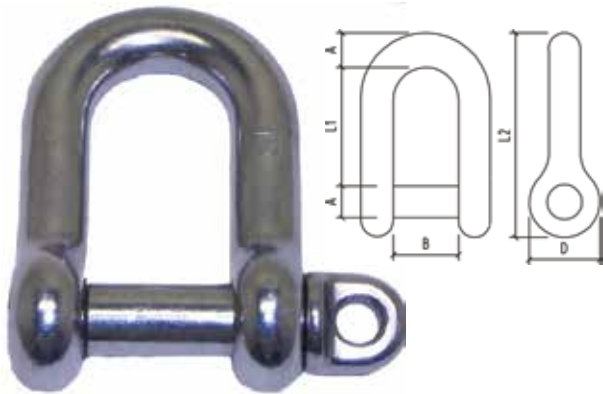
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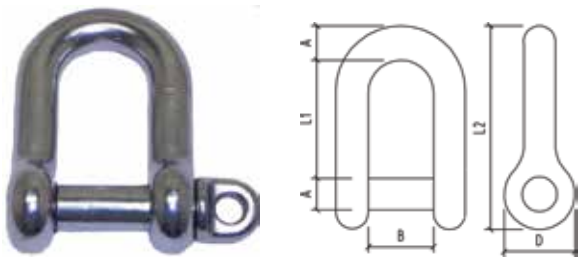
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ABOVE ITEM IS AVAILABLE IN THE BRIDCO LOAD RATED RANGE OF COMPONENTS.
SEE PAGE 48 FOR FURTHER DETAILS.
F = FORGED

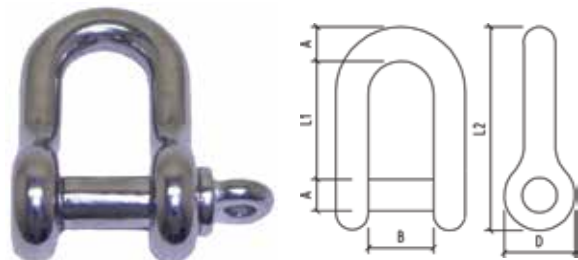
STANDARD DEE SHACKLE

Code	A	B	D	L1	L2	TDL (KG)
SS-360F-05	4.8	10.8	9.8	18	30	400
SS-360F-06	5.8	13.5	12	21	36	550
SS-360-07	6.8	14.5	13.5	24.2	41.3	720
SS-360F-08	7.6	17.3	15.9	29.7	48.2	1120
SS-360F-10	9.7	22.5	20	35.7	60	1600
SS-360F-12	11.6	27	23.7	43.1	70	2400
SS-360-16	16	32	31.8	56	95	3600
SS-360-19	19	38	37.6	66	110	4400
SS-360-25	24.7	50.4	49.7	87	148.7	TBA
SS-360-32	31.2	64.4	64.6	110.1	190	TBA



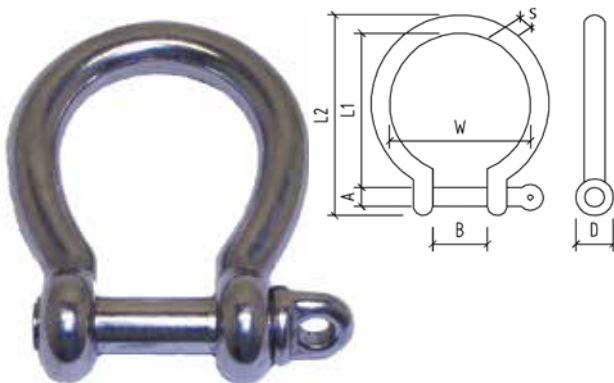
CAPTIVE PIN DEE SHACKLE

Code	A	B	D	L1	L2	TDL (KG)
SS-360LK-06	5.2	13.2	11.3	22.2	36	550
SS-360LK-08	8.2	15.8	15.7	28	48	1120
SS-360LK-10	9.92	19.84	19.2	35	58.2	1600



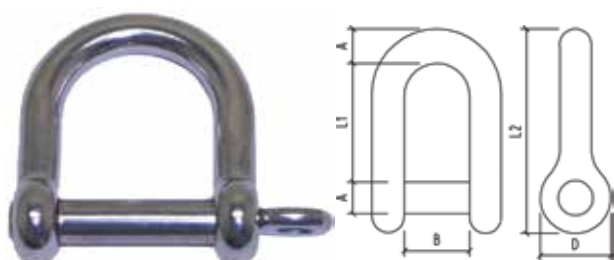
DEE SHACKLE WITH OVERSIZE PIN

Code	PIN	BODY	B	D	L1	L2	TDL (KG)
SS-3611-103	10.6	9.8	31.9	16.1	23.5	57.5	2200
SS-3611-1035	12.5	11.4	38	20.7	28	70	2400
SS-3611-104	15.4	12.7	42.5	20.7	31.7	78	3600
SS-3611-105	18.6	15.8	49.7	27.1	39.2	95.5	4400



BOW SHACKLE

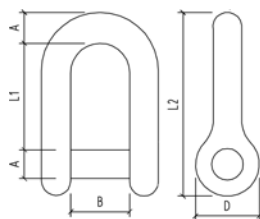
Code	S	B	D	W	L1	L2	TDL (KG)
SS-370F-03	2.9	6.3	7	9.1	13	19.3	140
SS-370F-05	5	11	10	18	27	40	300
SS-370F-06	5.8	13.6	11.9	20.6	31	46	520
SS-370F-08	7.8	17.9	16	25.5	36.7	57	1050
SS-370F-10	9.7	20.8	20	34.1	46.75	70.7	1300
SS-370F-12	11.8	25.8	23.9	41.9	58.3	86.5	2200
SS-370-16	15.6	31.8	31.9	56	74.8	115.5	3375
SS-370-22	21.6	43.7	44	75	98	150	5200



WIDE DEE SHACKLE

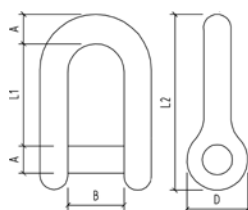
Code	A	B	D	L1	L2
SS-360W-08	8	28.3	15.5	31	50
SS-360W-12	11.5	49.2	23.3	64.4	92

F = FORGED
TDL = TESTED DEFORMATION LOAD



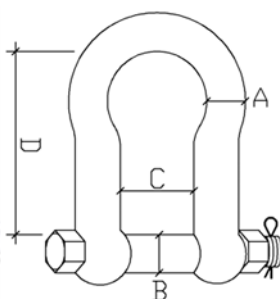
SEMI ROUND DEE SHACKLE

Code	A	B	D	L1	L2
SS-3611-05	3.95	11.9	12	19.5	31.6
SS-3611-06	4.8	12.9	13.7	22	36.9
SS-3611-08	6.4	18	18	27.2	46.6



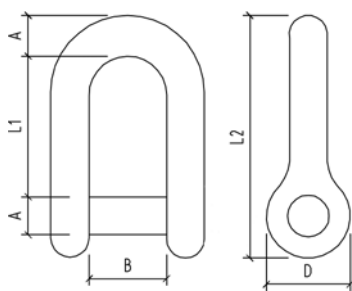
TWISTED SHACKLE

Code	A	B	D	L1	L2	TDL(KG)
SS-380-06	5.1	13.4	11	33	46.5	TBA
SS-380-08	7.7	17.4	15.4	40	59.5	1120
SS-380-10	10	20	19.7	46.8	70	1600



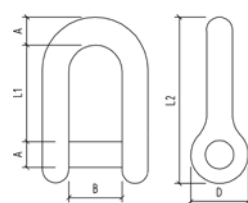
ANCHOR SHACKLE

Code	A	B	C	D	TDL (KG)
SS-2711BB-516	5/16"	94.00	13.9	32.5	1500
SS-2711BB-38	3/8"	10.97	16.3	36.4	2200
SS-2711BB-716	7/16"	12.72	20.64	43.87	3500
SS-2711BB-58	5/8"	19.05	27.00	68.30	TBA
SS-2711BB-34	3/4"	21.96	29.87	73.7	8000



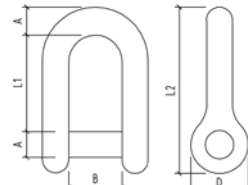
SLOTTED HEAD DEE SHACKLE

Code	A	B	D	L1	L2	TDL (KG)
SS-360C-04	4	8	7.9	14	24	280
SS-360C-06	6	12	12	21	35	550
SS-360C-07	7	14	14	25	42	720
SS-360C-08	8	17	15.9	28.6	48	1120
SS-360C-10	10	20	20	35	59	1600



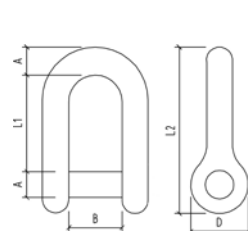
SEMI ROUND D SLOT HEAD SHACKLE - 304 GRADE

Code	A	B	D	L1	L2	TDL (KG)
SS-361-05	5	12	12.5	19.4	30	400
SS-361-06	6	13	14	22	36	550
SS-361-08	8	17.6	18	27	47	1120



SQUARE HEAD DEE SHACKLE

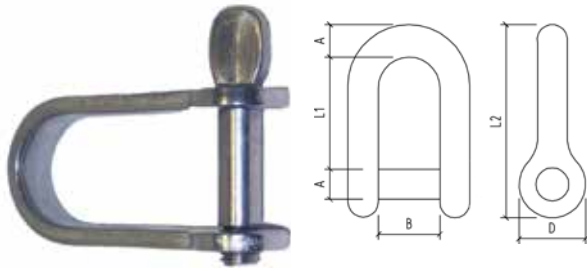
Code	A	B	D	L1	L2	TDL (KG)
SS-360B-10	10	21.3	20	35	59	1600
SS-360B-12	12	24.3	23.4	42.4	71	2400



LONG DEE SHACKLE

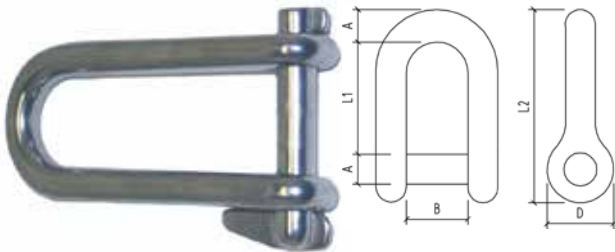
Code	A	B	D	L1	L2	TDL (KG)
SS-362-04	4.4	9	7.6	32	40.8	200
SS-362LK-06	5.25	12.7	11.6	45.5	59.2	550
SS-362LK-08	7.1	15.5	15.5	60	80	1120
SS-362-10	10	21.5	20	75.5	99	1600
SS-362-12	12	27	53.3	90	118	2400

TDL = TESTED DEFORMATION LOAD



LIGHT WEIGHT STRIP SHACKLE - 304 GRADE

Code	A	B	D	L1	L2
SS-162-04	4	10	10	17	25



HEAD BOARD SHACKLE CAPTIVE PIN

Code	A	B	D	L1	L2	TDL (KG)
SS-3651-05	4.9	13	11	39	50	400
SS-3651-06	5.8	15.9	12.5	43.9	57.3	550
SS-3651-08	7.8	19.9	16.4	60	78.8	1120



SWIVEL EYE SNAP SHACKLE

Code	L	A	B	TDL (KG)
SS-2482-01	67.9	16	13	400
SS-2482-02	89	24	17	1200
SS-2482-03	126	31	23	1800



FIXED EYE SNAP SHACKLE

Code	L	A	B	TDL (KG)
SS-2481-01	55	15	13	400
SS-2481-02	70	22	13	1200
SS-2481-03	101	27	17	1800



SWIVEL JAW SNAP SHACKLE

Code	A	C	L	TDL (KG)
SS-2476-01	12	13	68	110
SS-2476-02	16	15	84	2000



CLEW SNAP SHACKLE

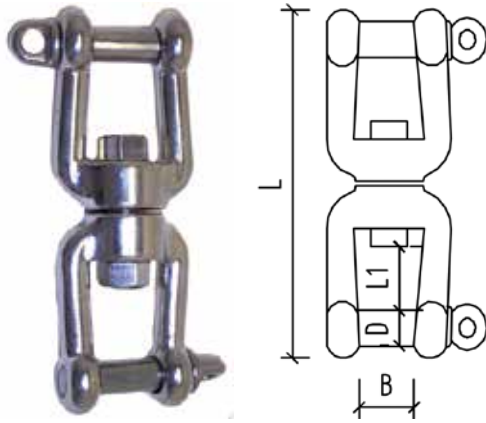
Code	A	C	L	TDL (KG)
SS-2464-01	12	15	52	1600
SS-2464-02	15	18	65	1200

LARGER SIZE SHACKLES AVAILABLE IN SOME STYLES. PRICE AND AVAILABILITY ON REQUEST.



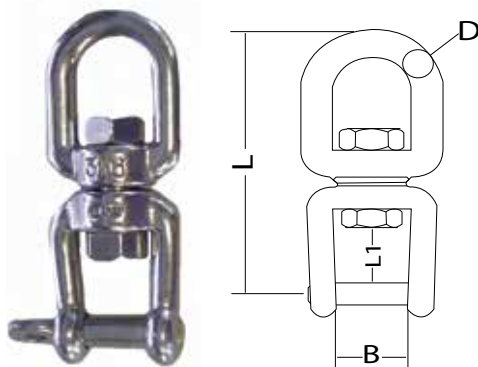
SWIVEL EYE AND EYE

Code	D	L	B	L1	TDL (KG)
SS-018-06	6	65	15	13	550
SS-018-08	8	95	20.7	20	1120
SS-018-10	10	115	24	26	1600
SS-018-13	13	150	31	32	2700



SWIVEL JAW AND JAW

Code	D	L	B	L1	TDL (KG)
SS-0182-06	6	66	11	11.5	550
SS-0182-08	8	94	16	16	1120
SS-0182-10	10	118	22	22	1600
SS-0182-13	13	154	27	22	2700
SS-0182-16	16	189	32	36	8500
SS-0182-19	19	221	38	41	10000



SWIVEL JAW AND EYE

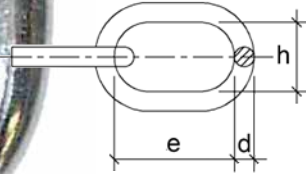
Code	D	L	B	L1	TDL (KG)
SS-0181-06	6	60	12	11	550
SS-0181-08	8	80	16	15	1120
SS-0181-10	10	110	20	21	1600

STAINLESS STEEL CLEANING AND MAINTENANCE SCHEDULE

ENVIRONMENT	DISTANCE FROM SALT SPRAY, BEACHFRONT	CLEANING INTERVAL
MILD	15KM+	EVERY 12 MONTHS
MODERATE	1 – 15KM	EVERY 4 – 6 MONTHS
MARINE/INDUSTRIAL / URBAN	500M – SALT SPRAY / BEACHFRONT 100M – 1KM – SHELTERED BAY	EVERY 3 MONTHS
SEVERE MARINE / INDUSTRIAL / BUSY URBAN	500M – SALT SPRAY / BEACHFRONT 100M – SHELTERED BAY	WEEKLY

STAINLESS STEEL CLEANER AND POLISH





NOT SUITABLE FOR LIFTING PURPOSES

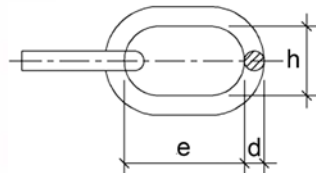
GRADE 316 SHORT LINK CHAIN

Code	d mm	e mm	h mm	Weight kg/m	MBL kg
SS-CH316-06S	6	18.6	9	0.87	2400
SS-CH316-06SDIN	6	18.5	7.2	0.8	2400
SS-CH316-08S	8	24	11.5	1.4	3260
SS-CH316-10S	10	30	14.2	2.2	5100
SS-CH316-12S	12	36.5	15.5	3.15	7500

RATED LIFTING CHAIN AVAILABLE, SEE CROMOX CATALOGUE

GRADE 304 SHORT LINK CHAIN

Code	d mm	e mm	h mm	Weight kg/m	MBL kg
SS-CH304-08S	8	24	11.5	1.4	3260
SS-CH304-10S	10	30	14.2	2.2	5100



* Chains are batch tested per consignment for breaking loads.

Please consult our sales department for current information.

GRADE 316 MEDIUM LINK CHAIN

Code	d mm	e mm	h mm	Weight kg/m	MBL kg
SS-CH316-02M	2	14.8	4.25	0.075	350
SS-CH316-03M	3	15.6	7.2	0.2	700
SS-CH316-04M	4	19.7	6.6	0.3	850
SS-CH316-05M	5	22	9.5	0.5	1300
SS-CH316-06M	6	27.3	9.75	0.77	1850
SS-CH316-08M	8	31.7	13.8	1.3	3250
SS-CH316-10M	10	38.9	14.05	2.05	5100
SS-CH316-12M	12	47.2	18.5	2.95	7300
SS-CH316-16M	16	59	24.5	5.0	13300

SELECTED SIZES AVAILABLE AS PROOF COIL. SEE BRIDCOLR CATALOGUE

GRADE 304 MEDIUM LINK CHAIN

Code	d mm	e mm	h mm	Weight kg/m	MBL kg
SS-CH304-03M	3	15.6	7.2	0.2	700
SS-CH304-04M	3.9	19.7	6.6	0.3	850
SS-CH304-06M	6	27.3	9.75	0.77	1850
SS-CH304-08M	8	31.7	13.8	1.3	3250
SS-CH304-10M	9.9	38.9	14.05	2.05	5100
SS-CH304-12M	11.8	46.5	18.5	2.95	7300

NOT SUITABLE FOR LIFTING PURPOSES

PLEASE NOTE:

BREAKING STAINS ARE NOMINAL AND SHOULD BE USED AS A GUIDE ONLY.

THERE ARE SOME VARIANCES IN THE DIMENSIONS OF OUR SMALLER SIZES OF STAINLESS CHAIN. PLEASE CHECK WITH OUR SALES TEAM FOR ACCURATE DIMENSIONS.

STAINLESS STEEL LOAD RATED CHAIN IS AVAILABLE FROM OUR CROMOX RANGE OF LIFTING GEAR (SEE PAGE 41).

PROOF COIL CHAIN



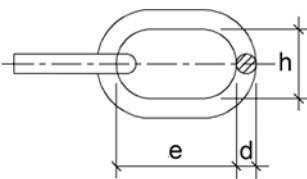
Features:

Manufactured from AISI 316 Stainless Steel. Bridco PL chain is up 50% stronger than Commercial Stainless Steel Chain.

Chain has been subjected to a Proof Load half of the MBL

Sizes 1/4" to 1/2"

Chain stamped with batch number & test certificates are



PROOF COIL CHAIN

Code	Proof Load (kN)	D (mm)	L (mm)	b (mm)	Drum Size
SS-CHPC-07	19.2	7	30.3	11.8	200M
SS-CHPC-08	25	8	31.9	13.9	200M
SS-CHPC-10	39.2	10	41.2	18.1	100M
SS-CHPC-13	66.3	13	50.1	20	50M

SHACKLES TO SUIT

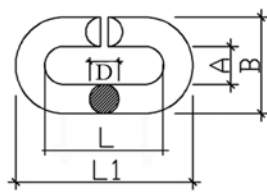
Chain	Dee Shackle	Bow Shackle
SS-CHPC-07	SS-360F-10LR	SS-370F-10LR
SS-CHPC-08	SS-360F-10LR	SS-370F-10LR
SS-CHPC-10	SS-360F-12LR	SS-370F-12LR
SS-CPHC-13	SS-360F-16LR	SS-370F-16LR

Suggested applications:

- Static lashing chain
- Shade Sails
- Dragging chains

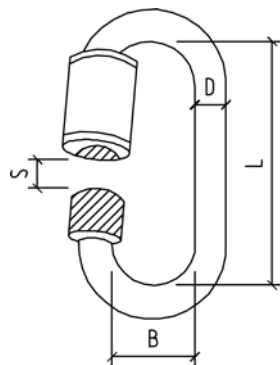
Other applications where commercial chain is not suitable.

Note: Chain not rated for overhead liting applications and is not suitable for permanent immersion.



C LINK

CODE	A	B	D	L	L1	TDL KG
SS-10C-10	16	35	9	40	60	550
SS-10C-11	17	39	10	45	66	950
SS-10C-13	20	48	11.4	51.5	78	1300
SS-10C-16	23	60	18	62	98	1700



QUICK LINKS

CODE	SIZE	B	D	L1	L2	TDL KG
SS-7350-04	4	12	4	33	6.8	280
SS-7350-06	6	14	6	47	8.16	550
SS-7350-08	8	18	8	59	9	1120
SS-7350-10	10	21	10	71	13	1600
SS-7350-12	12	24	12	84	15	2300
SS-7350-14	14	27	14	95	18	4300
SS-7350-16	16	30	16	110	18	5200



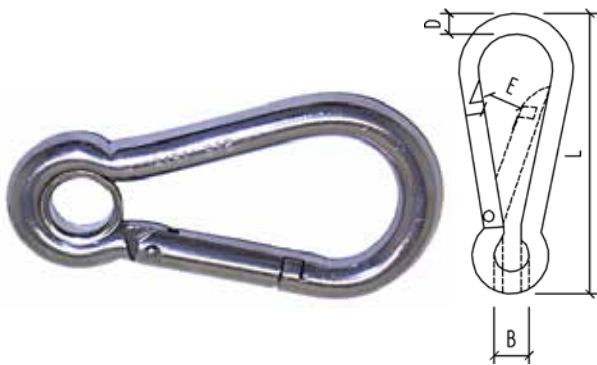
SWIVEL EYE BOLT

CODE	L	H	S	W	t	d	D	TDL (KG)
SS-225	92	19	9.7	23.6	6.5	20	5	190



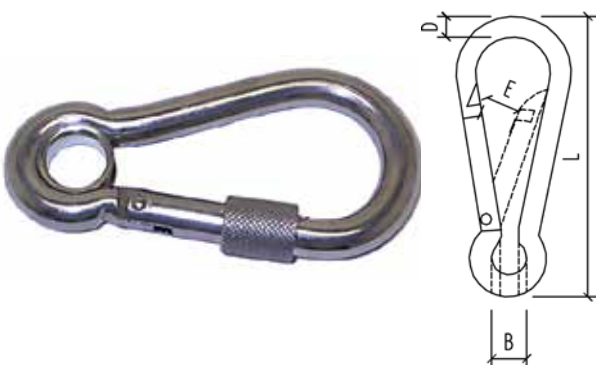
SWIVEL EYE BOLT SNAP

CODE	L	d	S	H	W	D	T	TDL (KG)
SS-251-01	86	20	13	18	30	5	17	150
SS-251-02	100	21	14	20	36	5	22	150



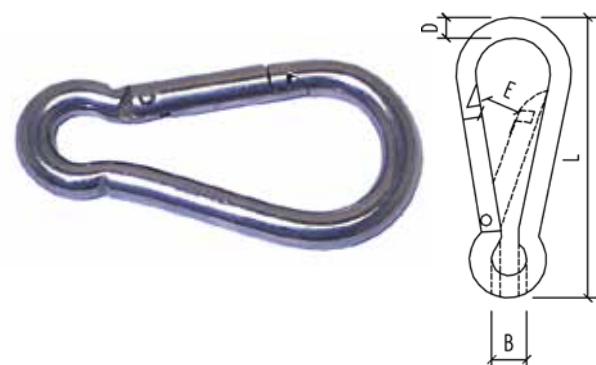
SPRING HOOK WITH EYE

CODE	D	L	B	E	TDL (KG)
SS-2450-05	5	50	7	8	150
SS-2450-06	6	60	7	9	200
SS-2450-08	8	80	10	9	600
SS-2450-10	10	100	13.5	14	950
SS-2450-11	11	120	17	18	1100
SS-2450-12	12	140	20	21	TBA



SPRING HOOK WITH SCREW NUT AND EYE

CODE	D	L	B	E	TDL (KG)
SS-2450NX-06	6	60	7.8	6.5	200
SS-2450NX-08	8	80	10	10	600
SS-2450NX-10	10	100	13	11	950



SPRING HOOK WITHOUT EYE

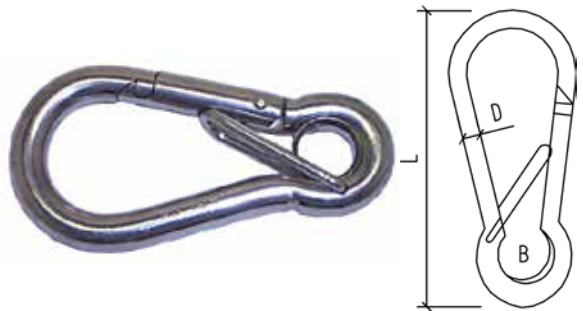
CODE	D	L	B	E	TDL (KG)
SS-2450X-05	5	50	8	8	150
SS-2450X-06	6	60	8	9	200
SS-2450X-08	8	80	12	9	600
SS-2450X-10	10	100	15	14	950
SS-2450X-11	11	120	18	18	1100

TDL = TESTED DEFORMATION LOAD



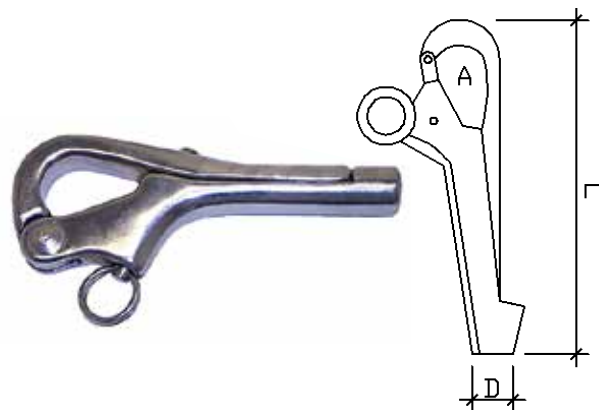
ASYMMETRIC SPRING HOOK

CODE	D	L	A	W	C	TDL (KG)
SS-2430-06	6	62	9	34	14	300
SS-2430-08	8	81	11	42	20	550
SS-2430-10	10	101	16	56	25	700
SS-2430-12	12	122.5	18	72	34	900



SPRING HOOK WITH SAFETY BAR

CODE	D	L	B	TDL (KG)
SS-2451-08	8	80	10	400
SS-2451-10	10	100	14	950
SS-2451-11	11	120	19	1100



PELICAN HOOKS BODY ONLY

CODE	L	A	D	THREAD
SS-2831-13	75	13	11	M6
SS-2831-14	103	15	14	M8

THREADED TERMINALS SUIT SS-2831-13

SS-7801-02M	3/32" WIRE	M6 THREAD
SS-7801-03M	1/8" WIRE	M6 THREAD
SS-7801-046	5/32" WIRE	M6 THREAD

THREADED TERMINALS SUIT SS-2831-14

SS-7801-04M	5/32" WIRE	M8 THREAD
SS-7801-05M	3/16" WIRE	M8 THREAD



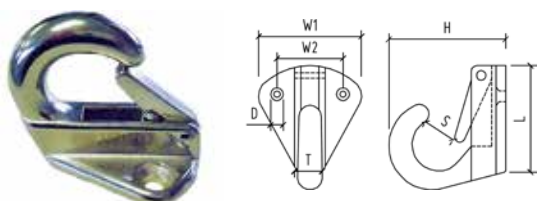
CAST SNAP HOOK

CODE	L	S	D	W	TDL (KG)
SS-2470-05	50	10	6	23	140
SS-2470-07	70	12	10	30	250
SS-2470-10	100	20	14	46	700



SAIL HANK - 304 GRADE

Code	L	A	B	TDL (KG)
SS-471-50	50	12	8	100
SS-471-65	65	18	8	170
SS-471-90	90	23	11	170



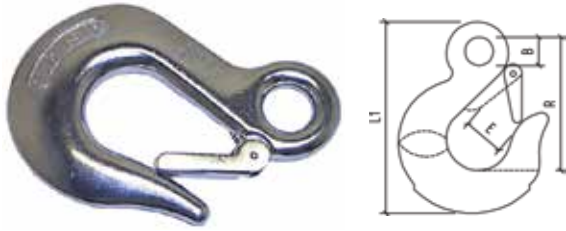
STAINLESS STEEL SNAP HOOK

CODE	L	H	W1	W2	S	D	T
SS-5359-05	33	36	33	21	6	4.5	4.8
SS-5359-10	33	39.5	33	21	8.6	4.5	7.8



CARGO HOOK

CODE	A	B	L	TDL (KG)
SS-2311-100	18.9	25	100	675
SS-2311-125	28	25	117	900



EYE SLIP HOOK WITH SAFETY CATCH

CODE	B	E	R	L1	TDL (KG)
SS-325X-06	13	14	63	90	1300
SS-325X-08	15.4	17	73	105	2200
SS-325X-10	18	17	84	122	2800
SS-325X-12	24	25	105	160	4000



CLEVIS SLIP HOOK

CODE	E	B	P	R	L1	TDL (KG)
SS-331-06	21	11.3	8.8	6.5	98	1400
SS-331-10	30	15	11.6	8.3	130	2800
SS-331-12	27	18	15.5	10.0	160	4000



CLEVIS GRAB HOOK

CODE	CHAIN SIZE	B	P	R	E	L1	TDL (KG)
SS-330-102	1/4"	11	9	45	9	79	1400
SS-330-1025	5/16"	13	11	55	10	95	2200
SS-330-103	3/8"	15	12	63	12	106	2800
SS-330-104	1/2"	18	16	80	15	140	4000



S HOOK - 304 GRADE

CODE	DIA	L	A	B	C	TDL (KG)
SS-866-TH	6	60	12	10	5	200
SS-866-THK	6	56	11.3	12	6	200
SS-870-TH	8	75	18	16	5	400
SS-985-TH	9	80	19	17	9	420



SLIDE BUCKLE - 304 GRADE

CODE	L	B	C
SS-3181-505	63.7	50.3	6.4



SLIDE BUCKLE - 304 GRADE

CODE	L	A	B	C
SS-363-50	55.6	57.1	50.9	19.8

TDL = TESTED DEFORMATION LOAD

STAINLESS STEEL MODULAR HANDRAIL SYSTEMS

Full product catalogue available by request or download by visiting: www.bridco.com.au

BRIDCO
STAINLESS STEEL HARDWARE AND ROPE FITTINGS

STAINLESS STEEL MODULAR HANDRAIL SYSTEMS

www.bridco.com.au

POST FITTINGS

The following table lists the size for use with 40mm dia. 304 stainless steel handrails.

TYPE	Ø	L	W	WGT
POST PLATE - 40mm dia. x 10mm	40	10	10	0.01
POST PLATE - 40mm dia. x 20mm	40	20	10	0.02
POST PLATE - 40mm dia. x 30mm	40	30	10	0.03
POST PLATE - 40mm dia. x 40mm	40	40	10	0.04
POST PLATE - 40mm dia. x 50mm	40	50	10	0.05
POST PLATE - 40mm dia. x 60mm	40	60	10	0.06
POST PLATE - 40mm dia. x 70mm	40	70	10	0.07
POST PLATE - 40mm dia. x 80mm	40	80	10	0.08
POST PLATE - 40mm dia. x 90mm	40	90	10	0.09
POST PLATE - 40mm dia. x 100mm	40	100	10	0.10

TUBE FITTINGS

The following table lists the size for use with 40mm dia. 304 stainless steel handrails.

TYPE	Ø	L	W	WGT
TUBE FITTING - 40mm dia. x 10mm	40	10	10	0.01
TUBE FITTING - 40mm dia. x 20mm	40	20	10	0.02
TUBE FITTING - 40mm dia. x 30mm	40	30	10	0.03
TUBE FITTING - 40mm dia. x 40mm	40	40	10	0.04
TUBE FITTING - 40mm dia. x 50mm	40	50	10	0.05
TUBE FITTING - 40mm dia. x 60mm	40	60	10	0.06
TUBE FITTING - 40mm dia. x 70mm	40	70	10	0.07
TUBE FITTING - 40mm dia. x 80mm	40	80	10	0.08
TUBE FITTING - 40mm dia. x 90mm	40	90	10	0.09
TUBE FITTING - 40mm dia. x 100mm	40	100	10	0.10

ROD HOLDERS

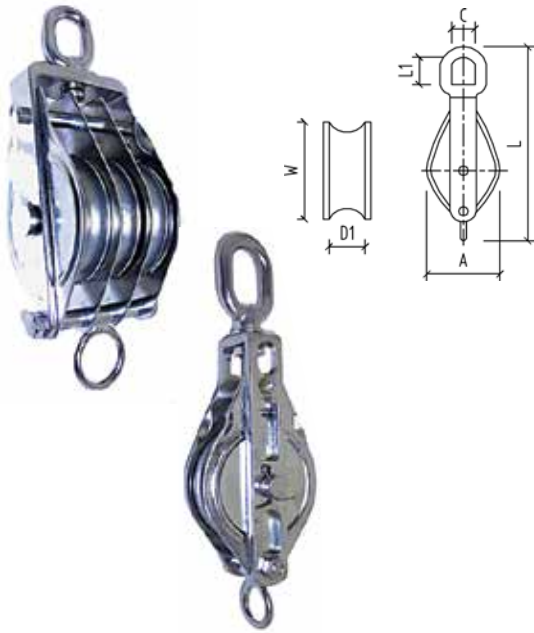
The following table lists the size for use with 40mm dia. 304 stainless steel handrails.

TYPE	Ø	L	W	WGT
ROD HOLDER - 40mm dia. x 10mm	40	10	10	0.01
ROD HOLDER - 40mm dia. x 20mm	40	20	10	0.02
ROD HOLDER - 40mm dia. x 30mm	40	30	10	0.03
ROD HOLDER - 40mm dia. x 40mm	40	40	10	0.04
ROD HOLDER - 40mm dia. x 50mm	40	50	10	0.05
ROD HOLDER - 40mm dia. x 60mm	40	60	10	0.06
ROD HOLDER - 40mm dia. x 70mm	40	70	10	0.07
ROD HOLDER - 40mm dia. x 80mm	40	80	10	0.08
ROD HOLDER - 40mm dia. x 90mm	40	90	10	0.09
ROD HOLDER - 40mm dia. x 100mm	40	100	10	0.10

WALL MOUNT BRACKETS

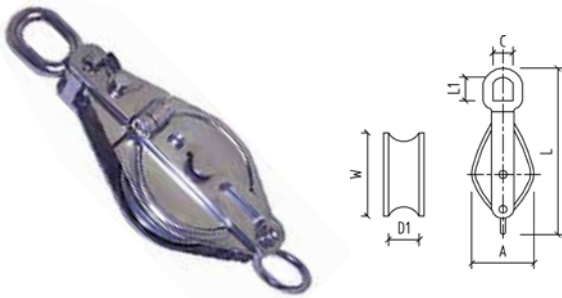
The following table lists the size for use with 40mm dia. 304 stainless steel handrails.

TYPE	Ø	L	W	WGT
WALL MOUNT BRACKET - 40mm dia. x 10mm	40	10	10	0.01
WALL MOUNT BRACKET - 40mm dia. x 20mm	40	20	10	0.02
WALL MOUNT BRACKET - 40mm dia. x 30mm	40	30	10	0.03
WALL MOUNT BRACKET - 40mm dia. x 40mm	40	40	10	0.04
WALL MOUNT BRACKET - 40mm dia. x 50mm	40	50	10	0.05
WALL MOUNT BRACKET - 40mm dia. x 60mm	40	60	10	0.06
WALL MOUNT BRACKET - 40mm dia. x 70mm	40	70	10	0.07
WALL MOUNT BRACKET - 40mm dia. x 80mm	40	80	10	0.08
WALL MOUNT BRACKET - 40mm dia. x 90mm	40	90	10	0.09
WALL MOUNT BRACKET - 40mm dia. x 100mm	40	100	10	0.10



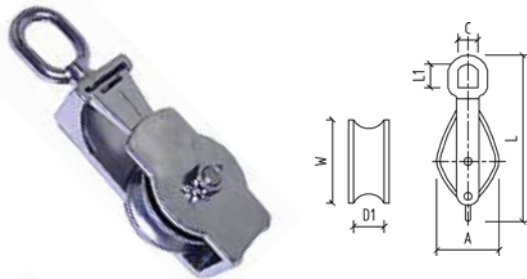
TRAWL BLOCKS - 304 GRADE

CODE	HEAD	TYPE	W		D1	A
			IMP	MET		
SS-210-75	EYE	SINGLE	3"	75	15	83
SS-210-75H	HOOK	SINGLE	3"	75	15	83
SS-210-75D	EYE	DOUBLE	3"	75	15	83
SS-210-75DH	HOOK	DOUBLE	3"	75	15	83
SS-210-100	EYE	SINGLE	4"	100	17.5	112
SS-210-100H	HOOK	SINGLE	4"	100	17.5	112
SS-210-100D	EYE	DOUBLE	4"	100	17.5	112
SS-210-100T	EYE	TRIPLE	4"	100	17.5	112
SS-210-10028	EYE	SINGLE	4"	100	28	112
SS-210-125	EYE	SINGLE	4 1/2"	125	19	139
SS-210-125D	EYE	DOUBLE	4 1/2"	125	19	139



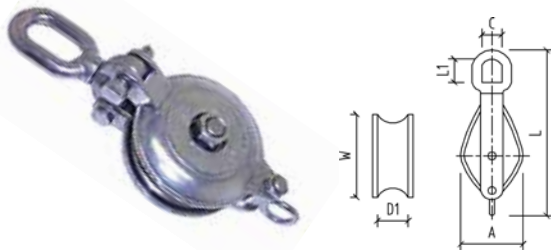
SNATCH BLOCK - 304 GRADE

CODE	HEAD	TYPE	W		D1	A
			IMP	MET		
SS-211-75	EYE	SINGLE	3"	75	15	83
SS-211-75H	HOOK	SINGLE	3"	75	15	83
SS-211-100	EYE	SINGLE	4"	100	17.5	112
SS-211-100H	HOOK	SINGLE	4"	100	17.5	112



SIENE BLOCK - 304 GRADE

CODE	HEAD	TYPE	W		D1	A
			IMP	MET		
SS-212-75	EYE	TYPE	3"	75	15	75
SS-212-75L	EYE	TYPE	3"	75	22	75
SS-212-75LH	HOOK	TYPE	3"	75	22	75



DARUMA BLOCK

CODE	HEAD	TYPE	SHEAVE	ROPE DIA	TDL (KG)
SS-217-75	EYE	SINGLE	75	13	4000
SS-217-100	EYE	SINGLE	100	16	5000
SS-217-150	EYE	SINGLE	150	18	7000

Note: Bearings are mild steel



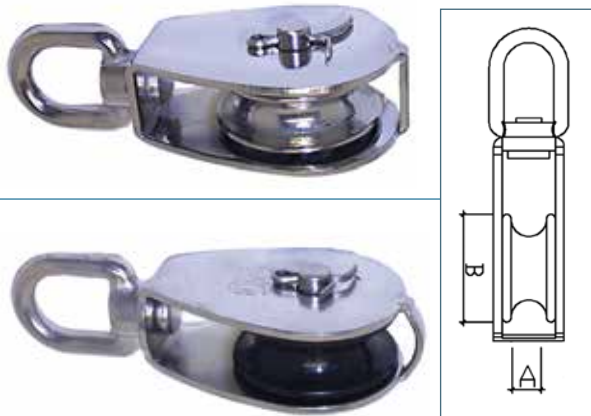
SHEAVES WITH BRONZE BUSHES - 304 GRADE

CODE	Diameter	Width	BORE	Groove
SS-3130-25	25	11.8	8.3	10
SS-3130-32	32	12	8.3	12
SS-3130-50	50	13.7	10.4	13
SS-3130-75	75	15	13	15
SS-3130-100	100	17.4	17	18



MAME BLOCK NYLON SHEAVE WITH BECKET - 304 GRADE

CODE	TYPE	SHEAVE DIA & TYPE	ROPE DIA	C	B	A	TDL (KG)
SS-314ANL-32	SINGLE	32 NYLON	10	95	14	6	600
SS-315ANL-32	DOUBLE	32 NYLON	10	95	14	6	600
SS-314ANL-50	SINGLE	50 NYLON	13	125	20	8	600
SS-315ANL-50	DOUBLE	50 NYLON	13	125	20	8	600
SS-314AS-32	SINGLE	32 S/S	10	95	14	6	600
SS-314AS-50	SINGLE	50 S/S	13	125	20	8	600



SMALL SWIVEL HEAD BLOCK WITH STAINLESS STEEL SHEAVE

CODE	TYPE	B	A	TDL (KG)
SS-3141S-32	SINGLE	32	9	600
SS-3141S-50	SINGLE	50	12	600



SMALL SWIVEL HEAD BLOCK WITH NYLON SHEAVE

CODE	TYPE	B	A	TDL (KG)
SS-3141-32	SINGLE	32	9	600
SS-3151-32	DOUBLE	32	9	600
SS-3141-50	SINGLE	50	12	600
SS-3151-50	DOUBLE	50	12	600



MINI BLOCK - REMOVABLE PIN - NYLON SHEAVE - 304 GRADE

CODE	TYPE	S	D	TDL (KG)
SS-3252-25	SINGLE	25	6	250



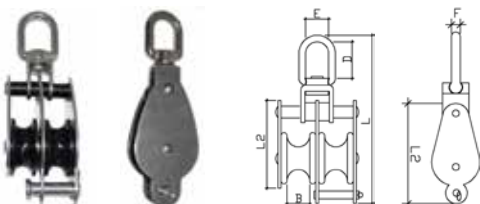
MINI BLOCK WITH BECKET - NYLON SHEAVE - 304 GRADE

CODE	W	SUIT ROPE	D	L	TDL (KG)
SS-8257-25	25	25	6	59	250



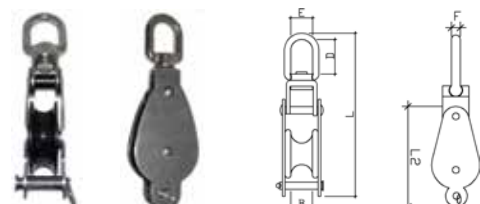
MINI BLOCK SINGLE NYLON SHEAVE - 304 GRADE

CODE	W	SUIT ROPE	D	L	TDL (KG)
SS-8257-25	25	25	8	45	250



MAME BLOCK DOUBLE NYLON / EYE PLATE - 304 GRADE

CODE	B	D	E	L	L2	TDL (KG)
SS-3151NL/B32	15	22	13	113.5	76	600
SS-3151NL/B50	21	26.75	20	162	104.75	600



MAME BLOCK DOUBLE NYLON / EYE PLATE - 304 GRADE

CODE	B	D	E	L	L2	TDL (KG)
------	---	---	---	---	----	----------



STAINLESS STEEL NUT & ROD

SIZE	LEFT HAND NUT	RIGHT HAND NUT	ROD
M5	SS-NUT-05L	SS-NUT-05	SS-ROD-05M
M6	SS-NUT-06L	SS-NUT-06	SS-ROD-06M
M8	SS-NUT-08L	SS-NUT-08	SS-ROD-08M
M10	SS-NUT-10L	SS-NUT-10	SS-ROD-10M
M12	SS-NUT-12L	SS-NUT-12	SS-ROD-12M
M16	SS-NUT-16L	SS-NUT-16	SS-ROD-16M
M20	SS-NUT-20L	SS-NUT-20	SS-ROD-20M
M24	SS-NUT-24L	SS-NUT-24	SS-ROD-24M



STAINLESS STEEL NYLOC NUT / RHT

SIZE	CODE	SIZE	CODE
M5	SS-NUT-05NYL	M10	SS-NUT-10NYL
M6	SS-NUT-06NYL	M12	SS-NUT-12NYL
M8	SS-NUT-08NYL	M16	SS-NUT-16NYL



STAINLESS STEEL DOME NUT / RHT

SIZE	CODE
M5	SS-DNUT-05
M6	SS-DNUT-06
M8	SS-DNUT-08
M10	SS-DNUT-10
M12	SS-DNUT-12



STAINLESS STEEL WASHER

SIZE	CODE	SIZE	CODE
M5	SS-WASH-05	M12	SS-WASH-12
M6	SS-WASH-06	M16	SS-WASH-16
M8	SS-WASH-08	M20	SS-WASH-20
M10	SS-WASH-10	M24	SS-WASH-24



STAINLESS STEEL HAMMER PINS

CODE	SIZE	LENGTH	TO SUIT
SS-HP-05	M5	11	SS-7803-305, SS-312T-503
SS-HP-06	M6	13	SS-7803-03, SS-312T-604

Stainless steel is not maintenance free, but maintenance friendly. When using stainless steel products outdoors

periodic cleaning, especially in aggressive environments such as coastal areas or swimming pools, is essential.

Washing regularly will reduce the risk of tea staining. (See introduction).

STAINLESS STEEL CLEANING AND MAINTENANCE SCHEDULE RECOMMENDED BY BRIDCO

ENVIRONMENT	DISTANCE FROM SALT SPRAY, BEACHFRONT	CLEANING INTERVAL
MILD	15KM+	EVERY 12 MONTHS
MODERATE	1 – 15KM	EVERY 4 – 6 MONTHS
MARINE/INDUSTRIAL / URBAN	500M – SALT SPRAY / BEACHFRONT 100M – 1KM – SHELTERED BAY	EVERY 3 MONTHS
SEVERE MARINE / INDUSTRIAL / BUSY URBAN	500M – SALT SPRAY / BEACHFRONT 100M – SHELTERED BAY	WEEKLY

COUNTER SUNK PHILLIPS HEAD SELF TAPPERS - 304



CODE	GAUGE	LENGTH
SS-ST-6030	6	3/4"
SS-ST-6032	6	1"
SS-ST-6036	6	1 1/4"
SS-ST-6048	6	1 1/2"
SS-ST-8032	8	1"
SS-ST-8056	8	1 3/4"
SS-ST-1064	10	2"
SS-ST-1250	12	2"



PAN HEAD PHILLIPS HEAD SCREWS

CODE	HEAD DIA	LENGTH	THREAD
SS-98-0550	9	50	M5
SS-98-0650	10	50	M6



BUTTON HEAD SOCKETSCREWS

CODE	HEAD DIA	LENGTH	THREAD
SS-98-515	9	15	M5
SS-98-05	9	30	M5
SS-98-06	10	40	M6



STAINLESS STEEL ANCHOR BOLTS

CODE	THREAD SIZE	LENGTH
SS-ANCHOR-640	M5	35
SS-ANCHOR-840	M6	40
SS-ANCHOR-1060	M8	60
SS-ANCHOR-1280	M10	80
SS-ANCHOR-1410	M12	100



CAP HEAD SOCKET SCREWS

CODE	H	D	L	d
SS-SOCM820	8	13	20	M8



COUNTER SUNK SOCKET SCREWS

CODE	HEAD DIA	LENGTH	THREAD
SS-CSS6010	12	10	M6
SS-CSS6016	12	16	M6
SS-CSS6035	12	35	M6
SS-CSS8020	16	20	M8
SS-CSS8030	16	30	M8
SS-CSS8040	16	30	M8



STAINLESS STEEL POP RIVETS

CODE	SIZE	LENGTH
SS-POP-54	5/32"	10.3
SS-POP-64	3/16"	10.9



BLIND RIVET NUT - 304 GRADE

CODE	THREAD	D	x	L	S	DRILL BIT
SS-BRN05	M5	8	7	11.6	0.5	7.5
SS-BRN06	M6	10.5	9	13.8	0.5	9.5
SS-BRN08	M8	11.3	10	15.8	0.5	10.5
SS-BRN10	M10	14.1	13	18.9	0.5	13.5



CARGO STRAPS

HEAVY DUTY VULCANISED RUBBER WITH STAINLESS STEEL HOOKS

CODE	LENGTH
MS-TD22	22"

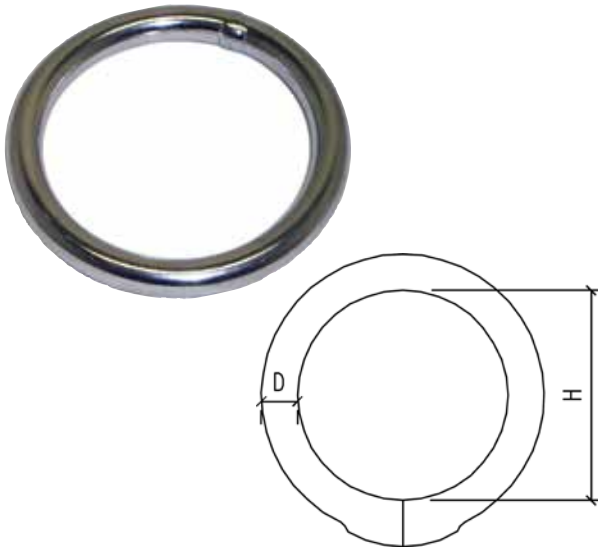


LOCKING WIRE (TIE WIRE) STAINLESS STEEL - 304 GRADE

CODE	SIZE	APPROX LENGTH
WR-234664	0.020" (0.5mm)	283m
WR-234699	0.025" (0.64mm)	181m
WR-469602	0.032" (0.8mm)	110m
WR-234737	0.041" (1.1mm)	67m
WR-234761	0.051" (1.26mm)	43.7m
WR-234762	0.062" (1.57mm)	29.5m



ROUND RING - 304 GRADE

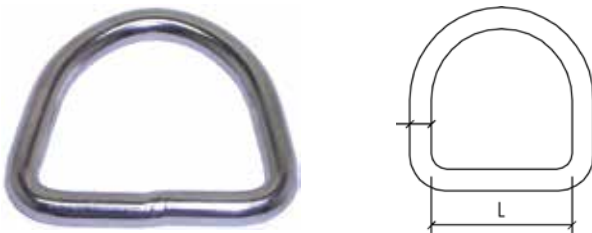


CODE	D	H
SS-1717-04	4	25
SS-1717-05	5	35
SS-1717-54	5	40
SS-1717-565	5	65
SS-1717-06	6	40
SS-1717-650	6	50
SS-1717-08	8	55
SS-1717-875	8	75
SS-1717-1075	10	75
SS-1717-10100	10	100
SS-1717-12120	12	120



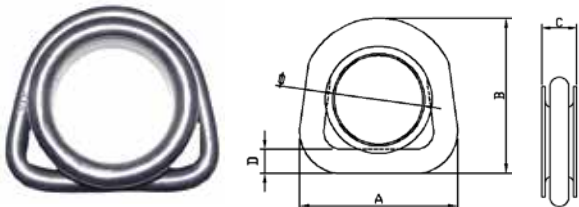
STAINLESS STEEL TRIANGLE - 304 GRADE

CODE	D	L
SS-325T-650	6	50
SS-325T-850	8	50



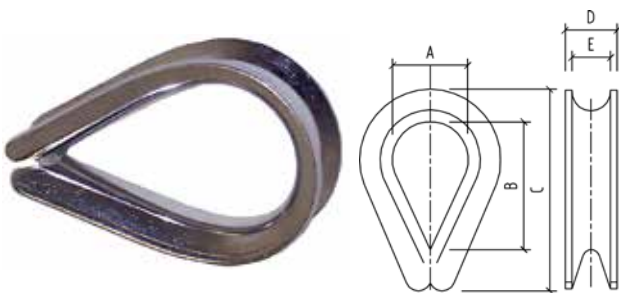
STAINLESS STEEL DEE RING - 304 GRADE

CODE	D	L
SS-325-320	3	20
SS-325-425	4	25
SS-325-638	6	38
SS-325-64	6	40
SS-325-65	6	50
SS-325-85	8	50



STAINLESS STEEL DEE WITH THIMBLE

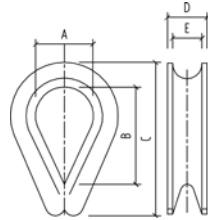
CODE	Ø	A	B	C	D
SS-3254-06	24	42	43	11	6
SS-3254-08	35	66.5	59	19	8
SS-3254-10	41	82	74	20	10



LIGHT WEIGHT WIRE ROPE THIMBLE - 304 GRADE

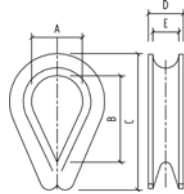
CODE	ROPE SIZE	C	D	A	E	B
SS-234-02	2MM	23	5	8	3	16
SS-234-03	3MM	25	5.5	10	4.5	18
SS-234-04	4MM	27	6.5	11	5	19
SS-234-05	5MM	32.5	7	14	6	22
SS-234-06	6MM	36	9.5	17	7	27
*SS-234-08	8MM	50	12	20	9	35
SS-234-10	10MM	60	15	25	11	40
SS-234-12	12MM	68	18	30	14	47
SS-234-14	14MM	71	19	34.5	16	51
SS-234-16	16MM	82	22	36	18	61
SS-234-18	18MM	92	25	41	20	65
SS-234-20	20MM	100	26.5	43	22	75
SS-234-22	22MM	107	30.5	46	26	79
SS-234-25	25MM	111	35	48.5	30	78

* AVAILABLE IN G316 - SS-234-08/316



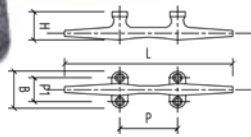
HEAVY DUTY WIRE ROPE THIMBLE

CODE	ROPE SIZE	C	D	A	E	B
SS-414-1/4	1/4"	56	10	23.5	7	43
SS-414-5/16	5/16"	63	12.5	28	9	49
SS-414-3/8	3/8"	73	15	29	10.5	55
SS-414-1/2	1/2"	92	20	38	13	65
SS-414-5/8	5/8"	106	23.5	45	17	83
SS-414-3/4	3/4"	125	31	51	23	95
SS-414-1	1"	157.5	37.5	65.5	25.4	118



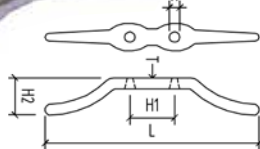
HEAVY DUTY CLOSED WIRE ROPE THIMBLE

CODE	ROPE SIZE	C	D	A	E	B
SS-2344-10	10MM	67	13.5	28.5	10	51
SS-2344-12	12MM	86	16.3	36.5	11	62
SS-2344-16	16MM	109.5	22.5	47	14	82



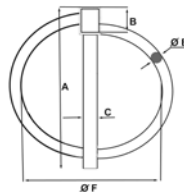
STAINLESS STEEL MOORING CLEAT

CODE	L	B	P	P1	H
SS-508-06	6" 150MM	45	56	27	31.5
SS-508-08	8" 200MM	54	75	34	38
SS-508-10	10" 250MM	69	93	46.7	48.5



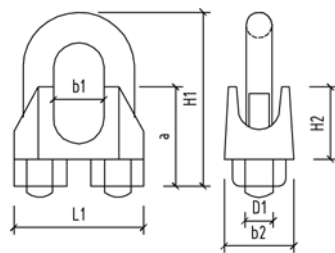
STAINLESS STEEL ROPE CLEAT

CODE	L	H1	H	T	H2
SS-4015-01	68	21	4	4	12
SS-4015-02	113	35	5.8	6	20
SS-4015-03	150	37	6.8	8	29



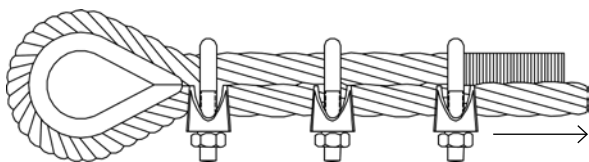
LINCH PIN

CODE	A	B	C	E	F
SS-3193-04	47	7.4	4.4	2.6	37.8
SS-3193-06	55	7.8	6	3.2	44
SS-3193-08	56	8.3	7.4	3.2	44



WIRE ROPE GRIP

CODE	ROPE SIZE	B	B1	B2	D1	H1	H2	L1
SS-260-02	2MM	12	4	14	3	18	10	13
SS-260-03	3MM	14	5.5	16	3	22	11	16
SS-260-03/HD	3MM	12	4	14	4	18	10	13
SS-260-04	4MM	16	6	18	4	23	13	18
SS-260-05	5MM	19	7	21	5	27	15	21
SS-260-06	6MM	22	9	22	5	32	17	27
SS-260-08	8MM	27	11	28	8	40	20	34
SS-260-10	10MM	32	12	35	10	50	24	45
SS-260-12	12MM	37	15	38	12	62	28	50
SS-260-14	14MM	40	18	44	13	65	32	52
SS-260-16	16MM	47	20	47	13	78	34	59
SS-260-19	19MM	51	22	53	13	82	39	62
SS-260-25	25MM	65	28	62	16	105	53	76



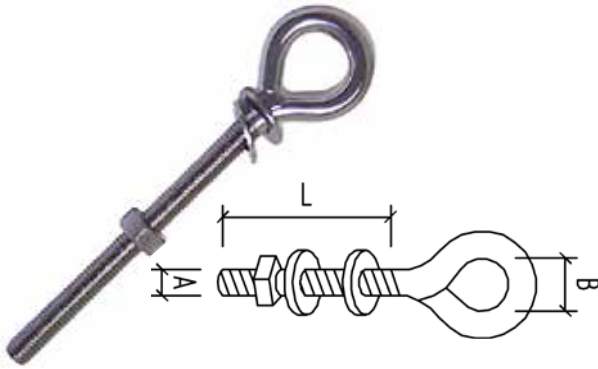
Attach Wire Rope Grips as shown in the above diagram.
Note: Pulling wire sits on the base of the grip.

DUPLEX WIRE GRIP - 304 GRADE

CODE	ROPE SIZE	L	B
SS-512-03	3MM	40	18

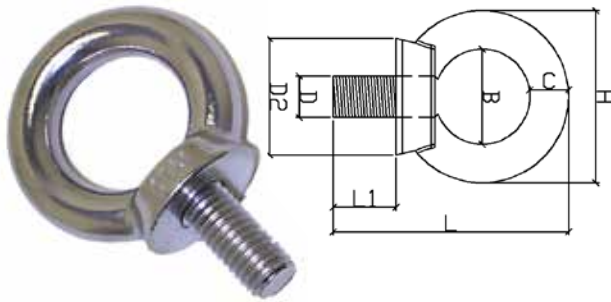


EYE BOLTS



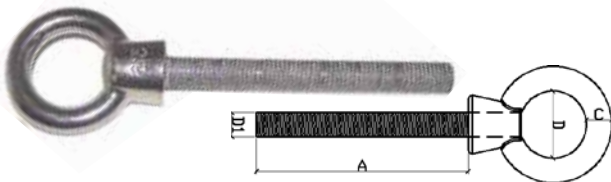
CODE	A	L	B	BS (KG)
SS-3191-64	M6	35	13	1000
SS-3191-655	M6	50	13	1000
SS-3191-68	M6	75	13	1000
SS-3191-88	M8	75	17	1800
SS-3191-810	M8	95	17	1800
SS-3191-112	M10	115	21	2400
SS-3191-1015	M10	150	21	2400

EYE BOLTS



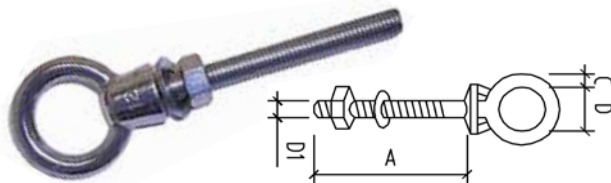
CODE	D	C	B	H	L	L1	D2	BS (KG)
SS-580-06	M6	6	15	24	41	10	17	1300
SS-580-08	M8	8	20	36	48	13	20	2000
SS-580-10	M10	10	25	45	62	17	25	2600
SS-580-12	M12	12	30	34	75	21	30	4500
SS-580-16	M16	16	35	63	90	27	35	7000
SS-580-20	M20	20	40	72	102	30	40	10000
SS-580-24	M24	24	50	90	126	36	50	12000

EYE BOLTS



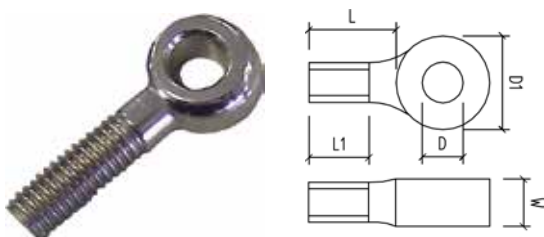
CODE	D1	A	D	C	BS (KG)
SS-580-16100	M16	100	35	16	8000
SS-580-16130	M16	130	35	16	8000

EYE BOLTS WITH NUT AND WASHER



CODE	D1	A	D	C	BS (KG)
SS-307-1012	M10	120	25	8	3000
SS-307-12	M12	100	30	10	4500
SS-307-12120	M12	120	30	10	4500

EYE BOLT

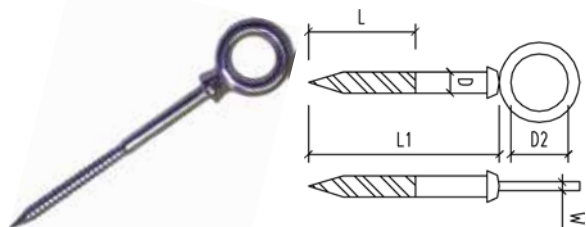


CODE	THREAD	L	L1	D	D1	W
SS-444-612	M6	12	10	6	14	6
SS-444-625	M6	20	15	6	14	6
SS-444-840	M8	32	30	8	17	9
SS-444-1020	M10	23	20	12	20	12



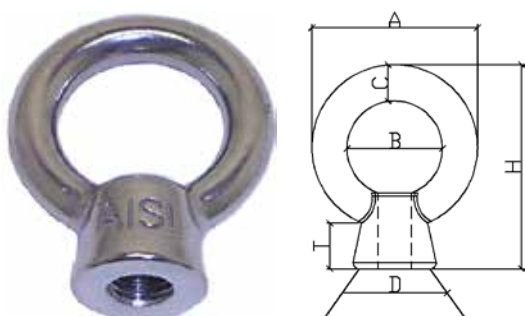
SCREW EYE

CODE	W	D	L1	L	D2
SS-3182-0660Y	5.2	6	57	35	6.2
SS-3182-0660	6	6	60	40	6.3
SS-3182-0860	9	8	59.5	40	8.4
SS-3182-1080	12	10	80	55	10.2
SS-3182-12100	14	12	100	64	12.1



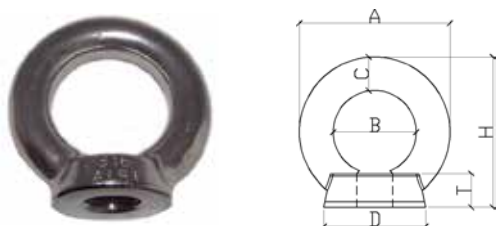
SCREW EYE WITH COLLARED HEAD

CODE	W	D	L1	L	D2
SS-3291-05060	5	5	70	33	11
SS-3291-06080	6	6	87	47	14
SS-3291-08080	8	8	90	47	18
SS-3291-12120	12	12	130	72	27



EYE NUTS

CODE	A	D	H	T	B	C	BS (KG)
SS-3061-06	26	M6	31	11	16	5	1100
SS-3061-08	32	M8	40	14	20.5	6	1300
SS-3061-10	40	M10	49	17	25	8	2600
SS-3061-12	49	M12	61	20	30	10	3400
SS-3061-16	59	M16	72	26.5	35	12	8000
SS-3061-20	72	M20	86	32	40	16	10500



EYE NUTS

CODE	A	D	H	T	B	C	BS (KG)
SS-582-20	72	M20	70.5	12.5	40	16	10000
SS-582-24	90	M24	86.9	15.4	50	20	18000
SS-582-30	103	M30	104	22	59	23	TBA



LIGHT WEIGHT SADDLES

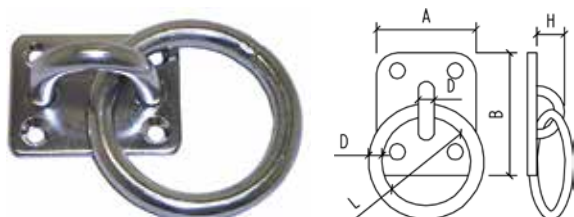
CODE	WIDTH	L	W	D	H
SS-324-36	11	42	11	1.2	9
SS-324-50	12.5	42	12.5	1.4	13



MEDIUM WEIGHT SADDLES

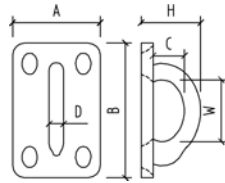
CODE	D	L	W	H	FASTENER GAUGE
*SS-322-05	5	54	20	13	5
*SS-322-06	6	62	21	15	6
SS-322-08	8	65	21	16	8

* AVAILABLE IN ECONOMY RANGE



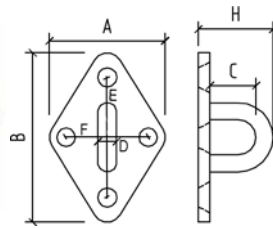
EYE PLATE WITH RING - 304 GRADE

CODE	D	L	B	A	H
SS-320-06	6	40	40	34	26
SS-320-08	8	45	50	40	31



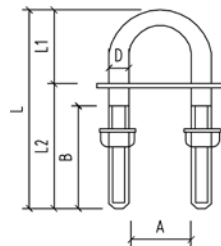
EYE PLATE - 304 GRADE

CODE	D	B	A	C	H	C
SS-321-06	6	40	34	18.6	25	16
SS-321-08	8	50	38.7	21	33	23



DIAMOND PAD EYE - 304 GRADE

CODE	A	B	C	D	E	F	H
SS-3213-60	38	67	10	8	51	23	21
SS-3213-70	50	80	15	8	57	27	28
SS-3213-90	57	89	16	8	67	34	29
SS-3213-100	60	100	20	10	81	40	35



U BOLT - 304 GRADE

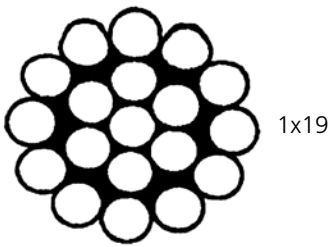
CODE	A	B	D	L	L1	L2
SS-413-88	28	40	7	80	30	42
SS-413-810	28	50	7	100	33	60
SS-413-1013	39.8	55	9	130	45	75
SS-413-1215	47.8	65	11	150	55	90



316 Grade Stainless Steel Wire Rope

Bridco stock a large range of quality stainless steel rope from Arcus Australia. When accompanied with stainless steel wire rope fittings, wire rope applications are endless.

1 x 19 Least flexible, most common for balustrades will not bend around corners or angles.



GRADE 316 1X19 WIRE ROPE

CODE	DIA inch	DIA mm	WEIGHT kg/m	MBL
WR-116119316	1/16	1.6	0.013	215
WR-564119316	5/64	2	0.02	336
WR-332119316	3/32	2.4	0.029	483
WR-18119316	1/8	3.2	0.051	861
WR-532119316	5/32	4	0.08	1340
WR-316119316	3/16	4.8	0.115	1935
WR-14119316	1/4	6.4	0.204	3442
WR-516119316	5/16	8	0.318	5380
WR-38119316	3/8	9.6	0.46	7746
WR-12119316	1/2	12.7	0.806	13555
WR-58119316	5/8	16	1.314	20500

METRIC WIRE AVAILABLE ON REQUEST

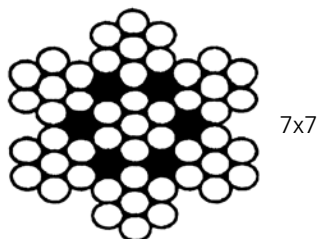


LARGER SIZES AVAILABLE ON REQUEST

316 Grade Stainless Steel Wire Rope

7x7 semi flexible, common for balustrades where a slight angle is required.

Can be wrapped around a thimble in smaller sizes.

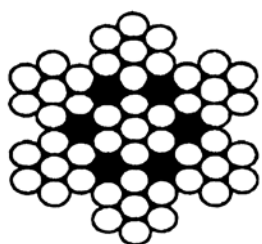


7x7

GRADE 316 7X7 WIRE ROPE

CODE	DIA inch	DIA mm	WEIGHT kg/m	MBL
WR-36477316	3/64	1.2	0.006	86
WR-11677316	1/16	1.6	0.010	153
WR-56477316	5/64	2	0.017	258
WR-33277316	3/32	2.4	0.023	344
WR-1877316	1/8	3.2	0.042	612
WR-53277316	5/32	4	0.066	1030
WR-31677316	3/16	4.8	0.095	1493
WR-1477316	1/4	6.4	0.169	2320
WR-51677316	5/16	8	0.271	3681

7x19 most flexible. Common where a thimble and swage is used.



7x19

GRADE 316 7X19 WIRE ROPE

CODE	DIA inch	DIA mm	WEIGHT kg/m	MBL
WR-116719316	1/16	1.6	0.01	153
WR-564719316	5/64	2	0.017	239
WR-332719316	3/32	2.4	0.024	344
WR-18719316	1/8	3.2	0.043	611
WR-532719316	5/32	4	0.067	956
WR-316719316	3/16	4.8	0.096	1344
WR-14719316	1/4	6.4	0.172	2449
WR-516719316	5/16	8	0.262	3396
WR-38719316	3/8	9.6	0.38	4894
WR-12719316	1/2	12.7	0.677	8566
WR-58719316	5/8	16	1.075	13562

Bridco can supply wire rope in Grade 304 and PVC coated wire rope in white, black and clear on request. Please consult our sales department for size and pricing.

Bridco recommend checking stainless steel wire

METRIC WIRE AVAILABLE ON REQUEST



Common Balustrade styles

Grade 316 stainless steel wire rope fittings.

Traditional Open Body Turnbuckle with Hand Swage Eyes



Wire Size	Wire Type	Saddle	Turnbuckle	Thimble	Hand Swage Ferrule	Swaging Tool
5/64" (2.0mm)	7X7 or 7X19	SS-322-05	SS-311E-04	SS-234-02	CP-120NP	CP-731
3/32" (2.4mm)	7X7 or 7X19	SS-322-05	SS-311E-04	SS-234-03	CP-125NP	CP-731
1/8" (3.2mm)	7X7 or 7X19	SS-322-05	SS-311E-05	SS-234-03	CP-130NP	CP-763
5/32" (4.0mm)	7X7 or 7X19	SS-322-06	SS-311E-06	SS-234-04	CP-140NP	CP-774
3/16" (4.8mm)	7X7 or 7X19	SS-322-08	SS-311E-08	SS-234-05	CP-150NP	CP-775

Closed Body Rigging Screw with Hand Swage Eyes



Wire Size	Wire Type	Saddle	Turnbuckle	Thimble	Hand Swage Ferrule	Swaging Tool
5/64" (2.0mm)	7X7 or 7X19	SS-322-05	SS-312J-05	SS-234-02	CP-120NP	CP-731
3/32" (2.4mm)	7X7 or 7X19	SS-322-05	SS-312J-05	SS-234-03	CP-125NP	CP-731
1/8" (3.2mm)	7X7 or 7X19	SS-322-05	SS-312J-05	SS-234-03	CP-130NP	CP-763
5/32" (4.0mm)	7X7 or 7X19	SS-322-06	SS-312J-06	SS-234-04	CP-140NP	CP-774
3/16" (4.8mm)	7X7 or 7X19	SS-322-08	SS-312J-08	SS-234-05	CP-150NP	CP-775

Common Balustrade styles

Grade 316 stainless steel wire rope fittings.

Jaw/Swage Rigging Screw and Fork Terminal



Screw Eye - to suit timber post

Wire Size	Wire Type	Screw Eye	Rigging Screw	Fork Terminal	Hex Die	Swaging Tool
3/32" (2.4mm)	1X19	SS-3182-0660	SS-312T-525	SS-7803-225	HEX 2.5	GPP20T
1/8" (3.2mm)	1X19	SS-3182-0660	SS-312T-503	SS-7803-305	HEX 3	GPP20T
5/32" (4.0mm)	1X19	SS-3182-0660	SS-312T-604	SS-7803-406	HEX 4	GPP40T
3/16" (4.8mm)	1X19	SS-3182-0860	SS-312T-805	SS-7803-05	HEX 5	GPP40T

Saddle - to suit timber or metal post

Wire Size	Wire Type	Saddle	Rigging Screw	Fork Terminal	Hex Die	Swaging Tool
3/32" (2.4mm)	1X19	SS-322-05	SS-312T-525	SS-7803-225	HEX 2.5	GPP20T
1/8" (3.2mm)	1X19	SS-322-05	SS-312T-503	SS-7803-305	HEX 3	GPP20T
5/32" (4.0mm)	1X19	SS-322-06	SS-312T-604	SS-7803-406	HEX 4	GPP40T
3/16" (4.8mm)	1X19	SS-322-08	SS-312T-805	SS-7803-05	HEX 5	GPP40T

Eye Bolt - to suit blind rivet nut or tapped metal

Wire Size	Wire Type	Eye Bolt	Rigging Screw	Fork Terminal	Hex Die	Swaging Tool
3/32" (2.4mm)	1X19	SS-444-612	SS-312T-525	SS-7803-225	HEX 2.5	GPP20T
1/8" (3.2mm)	1X19	SS-444-612	SS-312T-503	SS-7803-305	HEX 3	GPP20T
5/32" (4.0mm)	1X19	SS-444-612	SS-312T-604	SS-7803-406	HEX 4	GPP40T
3/16" (4.8mm)	1X19	SS-444-840	SS-312T-805	SS-7803-05	HEX 5	GPP40T

Common Balustrade styles

Grade 316 stainless steel wire rope fittings.

Modern Allen Key Head Tensioner-Stage Stud with Flat Head Terminal



Wire Size	Wire Type	Tensioner	Swage Stud	Flat Head Terminal	Die	Swaging Tool
1/8" (3.2mm)	1X19	SS-7500-06	SS-7801-03M	SS-7840-03Z	HEX 3	GPP20T

Modern Allen Key Head Tensioner-Stage Stud



Wire Size	Wire Type	Tensioner	Swage Stud	Die	Swaging Tool
3/32" (2.4mm)	1X19	SS-7500-05	SS-7801-225	HEX 3	GPP20T
1/8" (3.2mm)	1X19	SS-7500-06	SS-7801-03M	HEX 3	GPP20T
5/32" (4.0mm)	1X19	SS-7500-06	SS-7801-046	HEX 4	GPP40T
3/16" (4.8mm)	1X19	SS-7500-08	SS-7801-05M	HEX 5	GPP40T

Common Balustrade styles

Grade 316 stainless steel wire rope fittings.

Slimline Internal Threaded Swage Stud with Pan Head Screw



Wire Size	Wire Type	Screw	Swage Stud	Die	Swaging Tool
1/8" (3.2mm)	1X19	SS-98-05	SS-7811-503	HEX 3	GPP20T
5/32" (4.0mm)	1X19	SS-98-06	SS-7811-604	HEX 4	GPP40T

Slimline Lag Screw Swage Stud



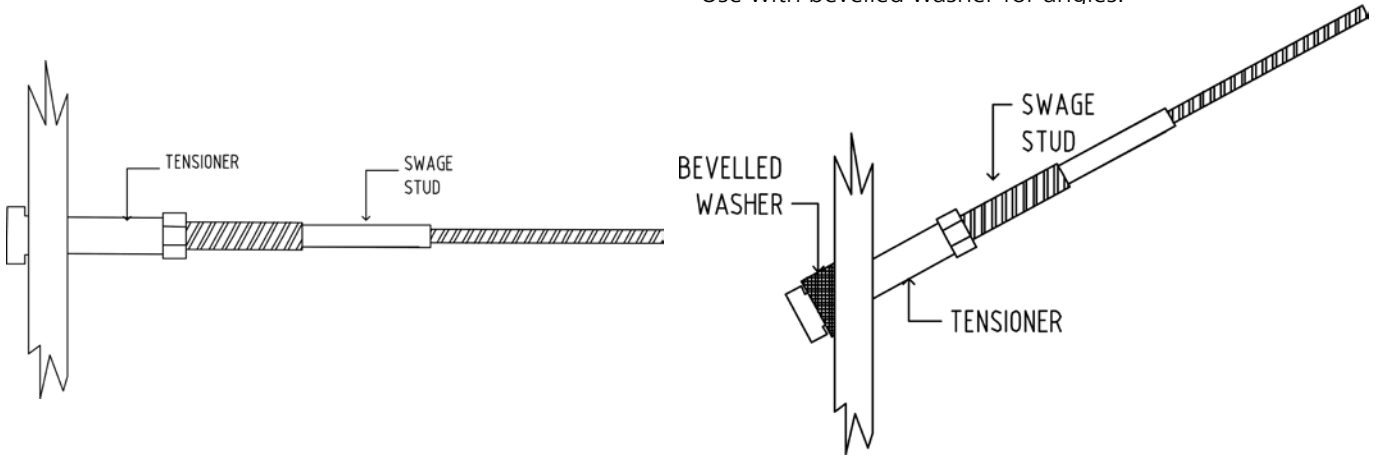
Wire Size	Wire Type	Lag Screw LHT	Lag Screw RHT	Die	Swaging Tool
1/8" (3.2mm)	1X19	SS-7831L-06	SS-7831R-06	HEX 3	GPP20T



TENSIONER ALLEN KEY HEAD

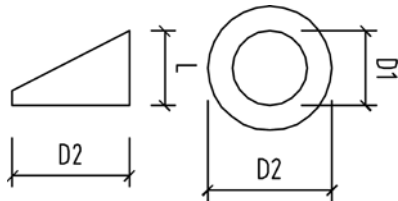
CODE	D1	D2	L1	L2	G
SS-7500-05	8	12	33	30	M5
SS-7500-06	8	12	40	35	M6
SS-7500-08	10	14	45	40	M8
SS-7500-10	13	17	50	45	M10

Use with bevelled washer for angles.



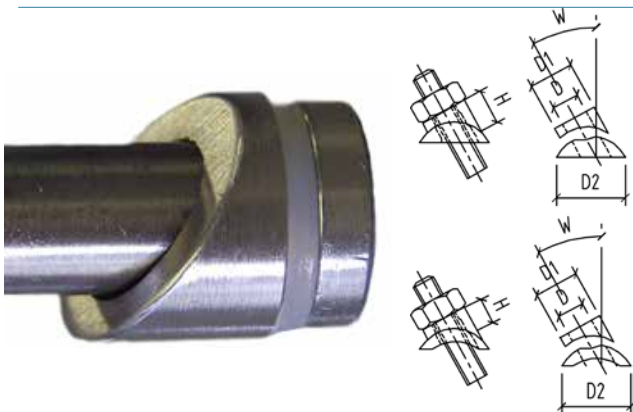
STAINLESS STEEL BEVELLED WASHERS

CODE	D1	D2	L1	G
SS-7702-01	6	13	35 DEGREES	11
SS-7702-02	8.2	13	35 DEGREES	11
SS-7702-01R	6	13	35 DEGREES	11
SS-7702-02R	8.2	13	35 DEGREES	11



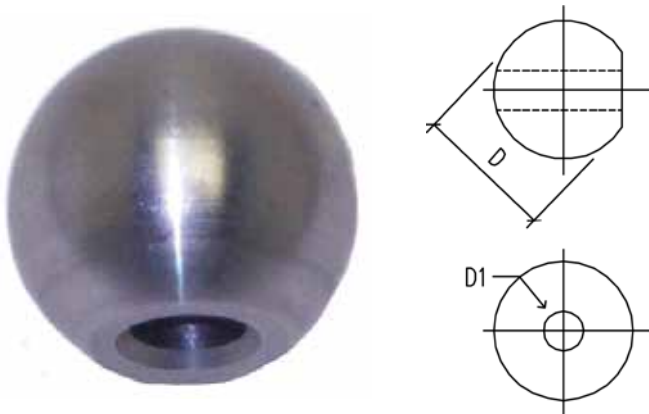
For use on stairways where a through post fitting such as a tensioner is being used.

SS-7702-02 can be used with Bridco Tensioner SS-7500.



NYLON WASHER TO SUIT TENSIONERS

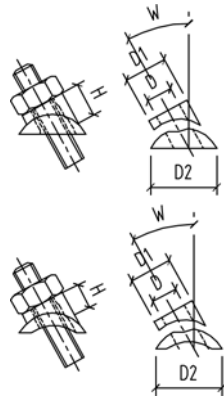
CODE	TO SUIT
NR-WASH-08NYL	SS-7500-05 SS-7500-06



ARCHITECTURAL BALL

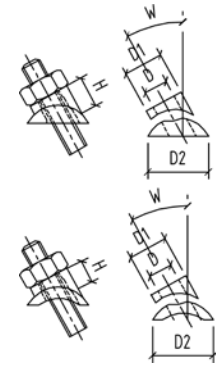
CODE	D	D1	D2
SS-7701-503	15	5.3	10
SS-7701-604	20	6.3	11

Architectural Balls or Bevelled Washers can be used with internal threaded terminals or tensioners for angles, e.g. stairs etc.



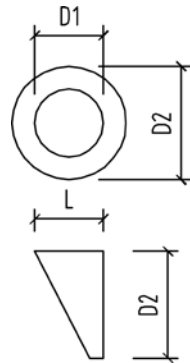
STAINLESS STEEL ADJUSTABLE ANGLES FOR SQUARE POSTS

CODE	NOMINAL SIZE	SUIT THREAD SIZE	D mm	D1 mm	D2 mm	FROM W	TO W	FROM H	TO H
SS-7703-06	6	5.3	6.4	13	20	25deg	45deg	9.5	10.5



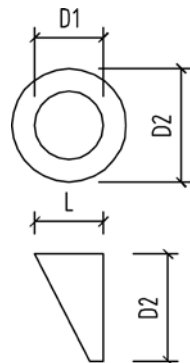
STAINLESS STEEL ADJUSTABLE ANGLES FOR ROUND POSTS

CODE	NOMINAL SIZE	SUIT THREAD SIZE	D mm	D1 mm	D2 mm	FROM W	TO W	FROM H	TO H
SS-7704-06	6	M4-M6	6.4	13	20	25deg	45deg	12	13



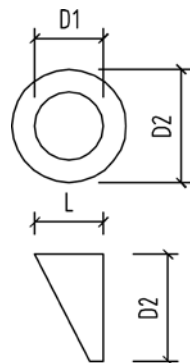
BEVELLED ANGLED WASHER NYLON (To suit 2" tube)

CODE	L	D1 mm	D2 mm	COLOUR	ANGLE
NR-168187BW	12	6.7	15	WHITE	37 degree
NR-168187BG	12	6.7	15	GREY	37 degree
NR-168187BB	12	6.7	15	BLACK	37 degree



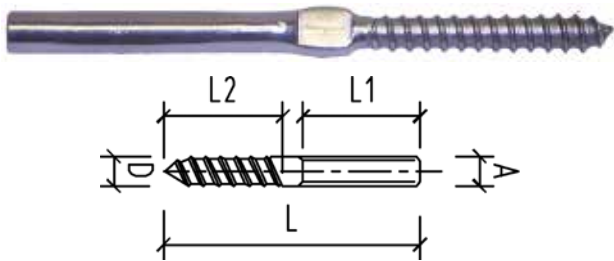
BEVELLED ANGLED WASHERS MINI (Suit threaded studs)

CODE	L	D1 mm	D2 mm	COLOUR	ANGLE
NR-165148BG	12	6.5	14.8	GREY	37 degree



BEVELLED ANGLED WASHERS MINI (Suit tensioners)

CODE	L	D1 mm	D2 mm	COLOUR	ANGLE
NR-185148BG	12	8.7	14.8	GREY	37 degree
NR-185148BB	12	8.7	14.8	BLACK	37 degree

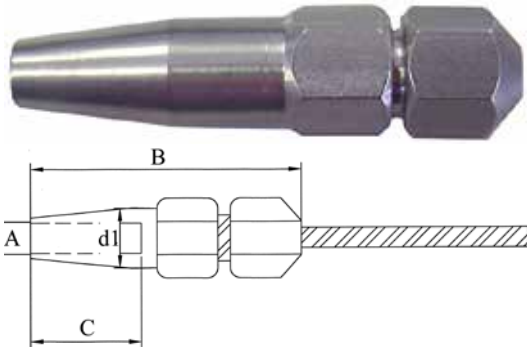


SWAGE STUD WITH LAG SCREW

CODE	A	D	L	L1	L2
SS-7831R-06	1/8"	6mm Right	90	40	40
SS-7831L-06	1/8"	6mm Left	90	40	40

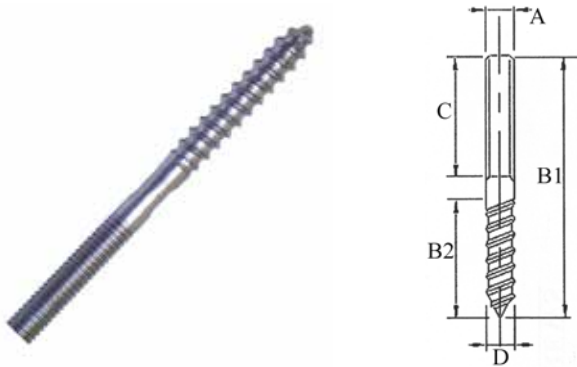
R = Right hand thread
L = Left hand thread

Bridco swage lag screws use left hand thread one end and right hand the other, tension is gained while screwing in.



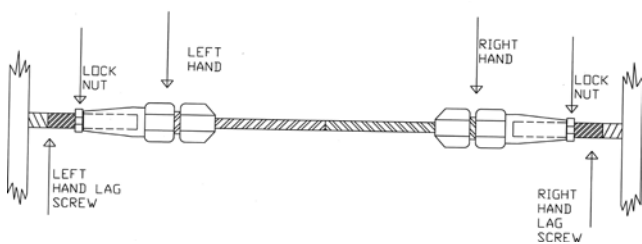
JAKOB SWAGELESS INTERNAL THREAD TERMINALS

CODE	A	B	C	D1	WIRE DIA
JK-30831-0300	M3 RHT	60	20	12	3.0
JK-30832-0300	M6 LHT	60	20	12	3.0
JK-30831-0400	M6 RHT	60	20	12	4.0

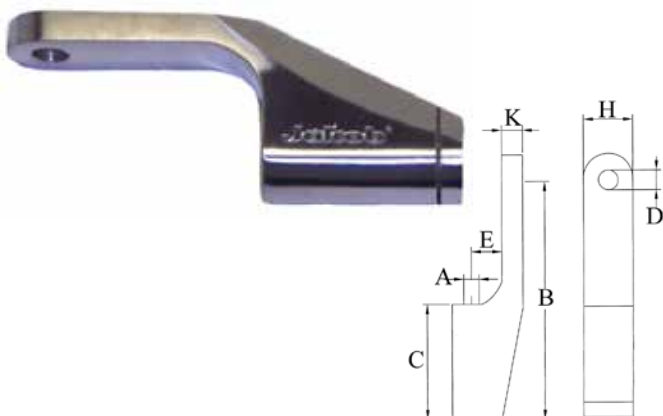


DOUBLE THREADED COACH (LAG) SCREW

CODE RHT	A	L1	L2	C	D
SS-78311-08	M8	100	47	40	8
SS-78311-10	M10	100	57	30	10



CODE RHT	CODE LHT	A	B1	B2	C	D
JK-30878-0500	JK-30877-0500	M5	50	30	20	4.3
JK-30878-0600	JK-30877-0600	M6	70	40	30	5.2



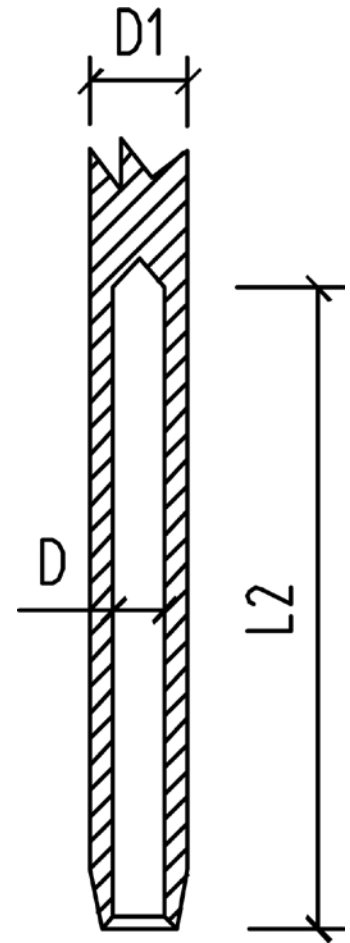
SEMI CLEVIS

CODE RHT	CODE LHT	A	B	C	D	E	H	K
JK-30867-01	JK-30868-01	M5	62	30	5.2	16	13	5.5
JK-30867-02	JK-30868-02	M6	62	30	5.2	16	13	5.5

Use Jakob semi clevis pin with swage studs.
Left and right hand threads for tensioning.

The following chart is a guide to terminal sizes after swaging.

WIRE SIZE		DIAMETER BEFORE SWAGING	DIAMETER AFTER ROLL SWAGING	KEY WIDTH AFTER HEX SWAGING
mm	inch	mm	mm	mm
1.6	1/16"	4.06 / 3.94	3.5 / 3.40	-
2.5	3/32"	5.53 / 5.41	4.82 / 4.7	4.9
3	1/8"	6.35 / 6.22	5.56 / 5.44	5.6
4	5/32"	7.54 / 7.42	6.35 / 6.23	6.6
5	3/16"	9.12 / 9.00	7.95 / 7.83	8.0
5.5	7/32"	10.84 / 10.72	9.50 / 9.35	-
6	1/4"	12.42 / 12.42	11.12 / 10.95	10.9
7	9/32"	14.30 / 14.18	12.70 / 12.50	12.1
8	5/16"	16.01 / 16.01	14.30 / 14.07	13.6
9-10	3/8"	17.73 / 17.73	15.90 / 15.70	14.8
11	7/16"	19.63 / 19.63	17.47 / 17.27	-
12	1/2"	21.32 / 21.32	19.05 / 18.82	16.8
12E	-	20.00 / 20.00	17.80 / 17.60	-
14	9/16"	24.88 / 24.88	22.23 / 22.00	21.0
16	5/8"	28.05 / 28.05	25.40 / 25.15	23.4
19	3/4"	34.40 / 34.40	31.75 / 31.44	-
22	7/8"	40.21 / 40.21	36.50 / 36.20	-
25	1"	45.77 / 45.77	41.28 / 40.97	-
28	1 1/8"	50	44 / 44.5	-
32	1 1/4"	58	51.0 / 51.5	-
36	1 3/8"	65	57.0 / 57.8	-
38-40	1 1/2"	72	63.2 / 64.0	-



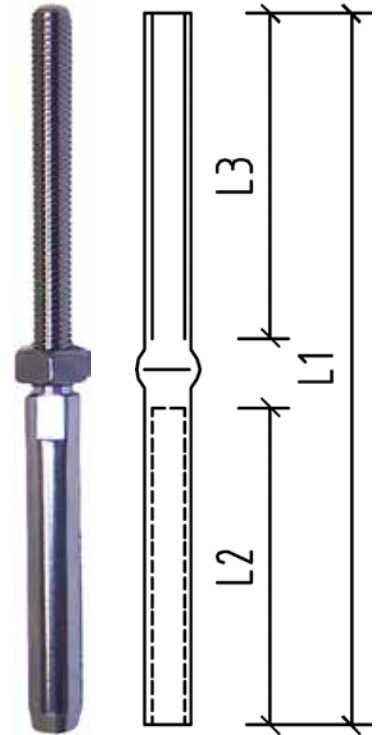
The following chart is a guide to terminal sizing.

Wire Size	D	D1
	0.2	-0.05
3/32"	2.8	5.5
3mm	3.3	6.35
1/8"	3.5	6.35
5/32"	4.4	7.5
3/16"	5.1	9
5mm	5.3	9
7/32"	5.8	10.8
6mm	6.5	12.5
1/4"	6.8	12.5
5/16"	8.4	16
3/8"	10	17.8
10mm	10.5	17.8
12mm	12.5	21.4
1/2"	13.5	21.4
14mm	14.8	25
16mm	16.5	28

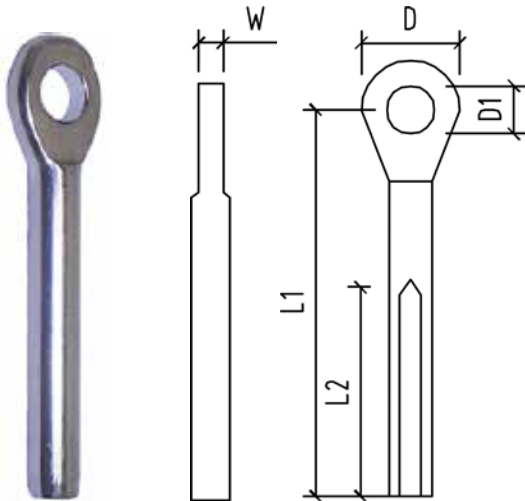
All care is taken to ensure measurements are correct at time of printing. However changes may occur so it is advised to confirm sizes if dimensions are critical.

SWAGE STUD (THREADED TERMINAL)

CODE	WIRE DIAMETER METRIC	WIRE DIAMETER IMPERIAL	THREAD	L1	L2	L3 THREAD
SS-7801-225	2.4	3/32"	M5	81	30	40
SS-7801-225L	2.4	3/32"	M5 Left	81	30	40
SS-7801-02M	2.4	3/32"	M6	86	32	40
SS-7801-03L		1/8"	M6 Left	91	40	40
SS-7801-03M		1/8"	M6	91	40	40
SS-7801M-03M	3		M6	97	40	40
SS-7801M-03ML	3		M6 Long	118	40	75
SS-7801-03ML		1/8"	M6 Long	118	40	75
SS-7801-03MY		1/8"	M6	100	52	42
SS-7801-305		1/8"	M5	91	40	40
SS-7801-020		1/8"	M5	59	33	22.5
SS-7801M-020	3		M5	58.7	34	22.5
SS-7801M-305M	3		M5	91	40	40
SS-7801-305L		1/8"	M5 Left	90	40	40
SS-7801-04L	4	5/32"	M8 Left	118	43	57
SS-7801-04M	4	5/32"	M8	120	47	90
SS-7801-04ML	4	5/32"	M8 Long	143	47	90
SS-7801-046	4	5/32"	M6	116	46	50
SS-7801-046L	4	5/32"	M6 Left	116	46	50
SS-7801-05L		3/16"	M8Left	121	58	57
SS-7801-05M		3/16"	M8	121	53	60
SS-7801-510		3/16"	M10	129	56	60
SS-7801-05ML		3/16"	M10 Long	177	58	115
SS-7801M-610	6		M10	164	67	85
SS-7801-06M	6		M12	162	67	78
SS-7801-610		1/4"	M10	164	67	85
SS-7801M-06M	6		M12	162	67	78
SS-7801-06M		1/4"	M12	162	67	78
SS-7801-06ML		1/4"	M12 Long	222	67	143
SS-7801-128	8	5/16"	M12	180	85	83
SS-7801-08M	8	5/16"	M16	215	80	112
SS-7801-1638		3/8"	M16	215	90	105
SS-7801-2038		3/8"	M16	215	90	105
SS-780M-2010	10		M20	215	91	106
SS-7801-2012		1/2"	M20	245	120	118
SS-7801M-2012	12		M20	245	120	118
SS-7801M-2414	14		M24	335	165	125

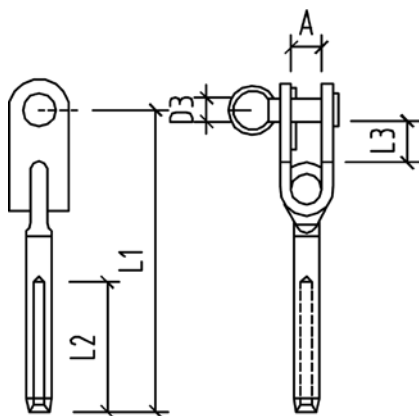


Wire Size	D	D1
	0.2	-0.05
3/32"	2.8	5.5
3mm	3.3	6.35
1/8"	3.5	6.35
5/32"	4.4	7.5
3/16"	5.1	9
5mm	5.3	9
7/32"	5.8	10.8
6mm	6.5	12.5
1/4"	6.8	12.5
5/16"	8.4	16
3/8"	10	17.8
10mm	10.5	17.8
12mm	12.5	21.4
1/2"	13.5	21.4
14mm	14.8	25
16mm	16.5	28



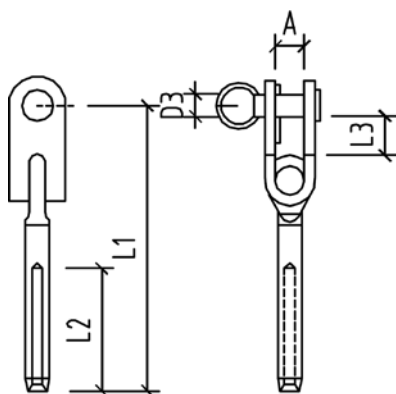
EYE TERMINAL

CODE	WIRE MET	DIA IMP	L1	L2	D1	D	W
SS-7802-025	2.5	3/32"	49	32	5.5	12.5	2.5
SS-7802M-03	3		54.5	40	6-5	14	4
SS-7802-03		1/8"	54.5	40	6.5	14	4
SS-7802-04	4	5/32"	68	48	8.5	17	4.5
SS-7802-05		3/16"	74.25	54	10.5	22	5.7
SS-7802M-05	5		74.25	54	10.5	22	5.7
SS-7802-06		1/4"	94	64	12.2	25	8
SS-7802M-06	6		94	64	13.2	25	8
SS-7802-08	8	5/16"	118	85	14.7	32	10
SS-7802-10		3/8"	140	93	16.3	36	10.5
SS-7802M-10	10		140	93	16.3	36	10.5
SS-7802-12		1/2"	182	107	19.3	41	15
SS-7802M-12	12		182	110	19.3	41	15



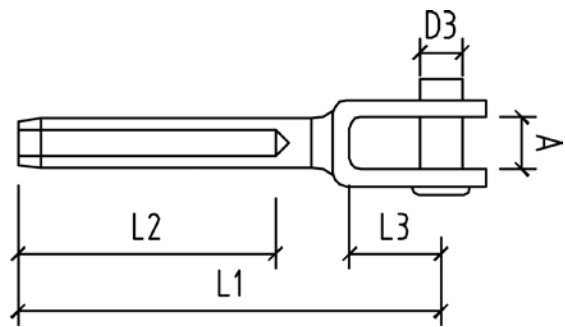
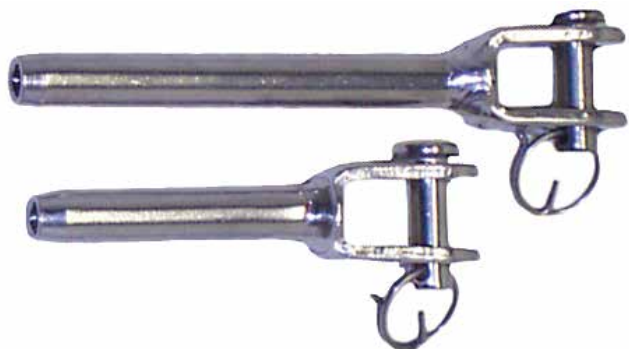
TOGGLE TERMINAL - OLD STYLE

CODE	WIRE MET	DIA IMP	A	D3	L1	L2	L3
SS-7805-04	4	5/32"	10.7	8	78	45	11
SS-7805-05		3/16"	12.5	9	92	51	15
SS-7805-064		1/4"	14.3	12	85	51	14
SS-7805-10		3/8"	20.5	19	163	90	26.5



NEW: TOGGLE TERMINAL - EYE STYLE

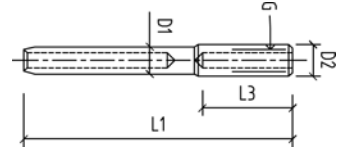
CODE	WIRE MET	DIA IMP	A	L1	L2	L3	D3
SS-7805-08E	8	5/16"	13	164	80	20.5	14
SS-7805-10E		3/8"	18	204	91	37.5	16



* Available in economy range of fittings. Please consult our sales department for pricing.
 # Indicates mini forks, both mini forks are pressed with HEX3 dies.

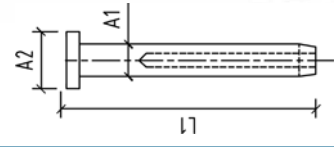
FORK TERMINAL

CODE	WIRE MET	DIA IMP	D3	L1	L2	L3	A
#SS-7803X-025	2.5	3/32"	5	45	28	11.5	7
#SS-7803-225	2.5	3/32"	5	45	28	11.5	7
#SS-7803-905		1/8"	5	45	28	11.5	7
*SS-7803M-305		1/8"	5	67	40	11.5	7
*SS-7803M-305	3		5	67	40	12	7
SS-7803-03		1/8"	6	65	32	13	8
SS-7803M-03	3		6	65	32	13	8
SS-7803-406	4	5/32"	6	73	45	15	8
SS-7803-04	4	5/32"	8	77	46	15	11
SS-7803-05		3/16"	9	87	51	15	11
SS-7803M-05	5		9	87	51	18	11
SS-7803-06		1/4"	12	108.5	69	27	15
SS-7803-06/HD	6		12	120	76	27	15
SS-7803M-06/HD	6		12	120	76	27	15
SS-7803M-06	6		12	106	63	27	15
SS-7803-08	8	5/16"	14	145	82.5	29	15
SS-7803-0812	8	5/16"	12	148	80.7	27.7	15
SS-7803-10		3/8"	16	150	91	37	20
SS-7803M-10	10		16	150	91	37	20
SS-7803-12		1/2"	19	175	106.5	37	20
SS-7803M-12	12		19	175	106.5	37	20
SS-7803M-14	14		25	285	165	52	30
SS-7803M-16	16		25	285	165	52	30



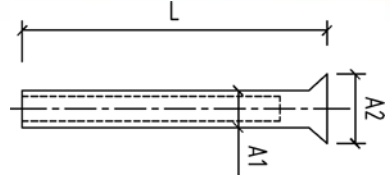
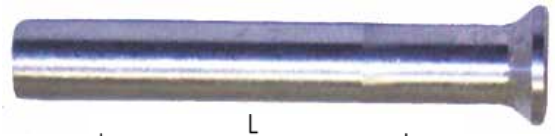
INTERNAL THREAD TERMINALS

CODE	WIRE DIA	L1	D1	D2	L3	G
SS-7811-503	1/8"	88	6.35	8	35	M5
SS-7811-604	5/32"	95	7.5	8	35	M6



FLAT HEAD TERMINALS

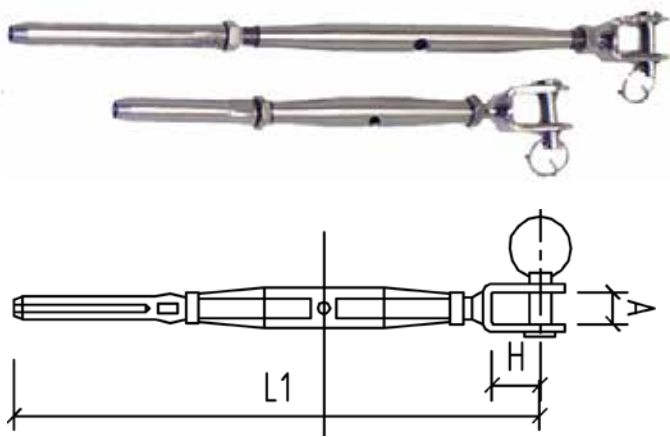
CODE	WIRE SIZE	L1	A2	A1
SS-7840-03Z	1/8"	48.5	10	6.35
SS-7840-04	5/32"	59	12	7.5



CONE HEAD TERMINALS - 304 GRADE

CODE	WIRE SIZE	L	A2	A1
SS-7841-03	1/8"	48.5	10	6.35

TDL = TESTED DEFORMATION LOAD



BOTTLESCREW JAW AND SWAGE STUD

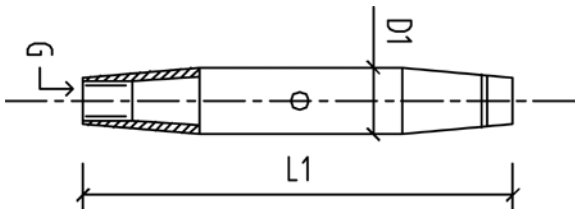
CODE	THREAD SIZE	TO SUIT WIRE SIZE	L1 MIN	L1 MAX	H	A	PIN DIA	TDL KG
#SS-312TX-025	M5	3/32"	109	149	11.5	6	5	600
#SS-312T-020	M5	1/8"	109	149	11.5	6	5	600
*SS-312T-503	M5	1/8"	153	193	11.5	7	5	600
SS-312T-503M	M5	3mm	153	193	11.5	7	5	600
SS-312T-604	M6	5/32"	177	225	12.5	8	6	1000
SS-312T-635	M6	1/8"	167	207	12.5	8	6	1000
SS-312T-603M	M6	3mm	167	207	12.5	8	6	1000
SS-312T-845	M8	5/32"	200	260	15.5	11	8	1400
SS-312T-805	M8	3/16"	205	265	15.5	11	8	1400
SS-312T-948	M10	3/16"	235	295	17.5	13	9	2200
SS-312T-906	M10	3/16"	250	340	17.5	12.5	9	2200
SS-312T-126M	M12	6mm	290	380	28	14	12	4000
SS-312T-126	M12	1/4"	290	380	28	14	12	4000
SS-312T-128	M12	5/16"	310	390	28	13	12	4000
SS-312T-168	M16	5/16"	360	495	25	17	16	6500
SS-312T-1638	M16	3/8"	360	495	25	17	16	6500
SS-312T-1610	M16	10mm	360	495	25	17	16	6500
SS-312T-2038	M20	3/8"	425	560	28	20	20	850
SS-312T-2010	M20	10mm	425	560	28	20	20	8500
SS-312T-2012	M20	1/2"	435	600	28	20	20	8500
SS-312T-2012M	M20	12mm	435	560	28	20	20	8500
SS-312T-2414	M24	14mm	531	760	55	30	25	15000
SS-312T-2416	M24	16mm	551	780	55	30	25	15000

Indicates mini fittings, both mini bottlescrews are pressed with HEX3 dies.

* Available in economy range of fittings. Please consult our sales department for pricing.

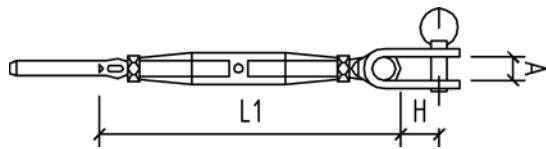


Bridco have a large range of stainless steel rope fittings and connectors for an unlimited range of applications.



BOTTLE SCREW BODY

CODE	L1	D1	G
SS-312B-05	80	8.2	M5
SS-312B-06	88	12	M6
SS-312B-08	105	13.5	M8
SS-312B-10	125	17.3	M10
SS-312B-12	150	20.2	M12
SS-312B-16	190	27.15	M20
SS-312B-20	210	33.5	M20
SS-312B-24	250	45	M24



BOTTLE SCREW TOGGLE AND SWAGE STUD

CODE		TO SUIT WIRE SIZE	L1 MIN	L1 MAX	H	A	PIN DIA
SS-3121T-63	M6	1/8"	142	215	12	8	6
SS-3121T-64	M6	5/32"	142	215	12	8	6
SS-3121T-84	M8	5/32"	180	260	17	11.5	8
SS-3121T-85	M8	3/16"	180	260	17	11.5	8
SS-3121T-105	M10	3/16"	215	310	20	10	9
SS-3121T-106	M10	1/4"	215	310	20	14	9
SS-3121T-126	M12	1/4"	250	370	25	14	12
SS-3121T-128	M12	5/16"	250	370	25	14	12
SS-3121T-168	M16	5/16"	295	410	25	18	16
SS-3121T-1638	M16	3/8"	295	410	25	18	16
SS-3121T-1610	M16	10mm	295	410	25	18	16
SS-3121T-2010	M20	10mm	325	475	30	20	19
SS-3121T-2012	M20	1/2"	325	475	30	20	19
SS-3121T-2012M	M20	12mm	325	475	30	20	19
SS-3121T-2038	M20	3/8"	325	475	30	20	19

* Premium range of bottlescrews show tested deformation load. Lubricant needed to reduce possibility of thread binding.

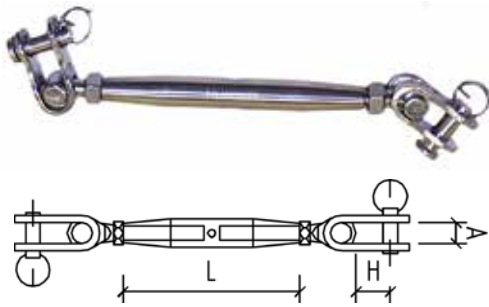


BOTTLESCREW JAW & JAW WITH LOCK NUTS

CODE	DIA	LENGTH MIN	LENGTH MAX	L	H	A	TDL KG
SS-312J-05	M5	125	185	80	11.5	7.5	750
SS-312J-06	M6	140	215	90	12.5	8.3	1400
SS-312J-08	M8	165	250	105	15.5	11.8	2200
SS-312J-10	M10	200	300	120	17.5	12.5	3450
SS-312J-12	M12	245	380	151	28	15	5000
SS-312J-14	M14	280	395	165	21	16	6400
SS-312J-16	M16	304	440	190	25	17	8000
SS-312J-20	M20	390	550	210	28	20	10500
SS-312J-24	M24	430	570	252	55	30	TBA

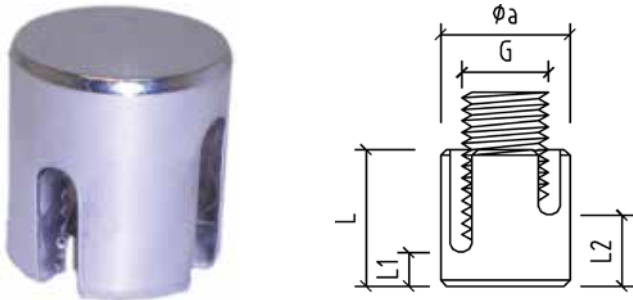
Proof Loading of this product available on request.

TDL = TESTED DEFORMATION LOAD



BOTTLESCREW TOGGLE & TOGGLE

CODE	DIA	LENGTH MIN	LENGTH MAX	A	H	L	TDL KG
SS-3125-06	M6	150	200	7.8	12	90	900
SS-3125-08	M8	185	260	11	17	104	1650
SS-3125-10	M10	260	315	14	20	124	2500
SS-3125-12	M12	260	375	14	25	150	3700
SS-3125-16	M16	325	450	17	25	190	TBA
SS-3125-20	M20	380	515	20	30	212	TBA



STAINLESS STEEL NET CLIP

CODE	WIRE DIA	G	L	L1	L2	L3	a
SS-266	1/8"	M10	19	5	8	3.5	20

This item is for 90 degrees applications only.



ADJUSTABLE STOP

CODE	NOMINAL SIZE	ROPE Ø mm	M mm	d1 mm	d2 mm	L mm
SS-2111-034	4	3 & 4	4.3	12	m8	12



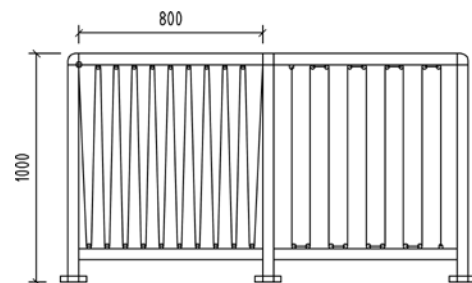
PULLEYS FOR CONTINUOUS CABLES

CODE	Suitable for
SS-8240-00	Flat surfaces
SS-8240-50	Round surfaces 50mm Diameter

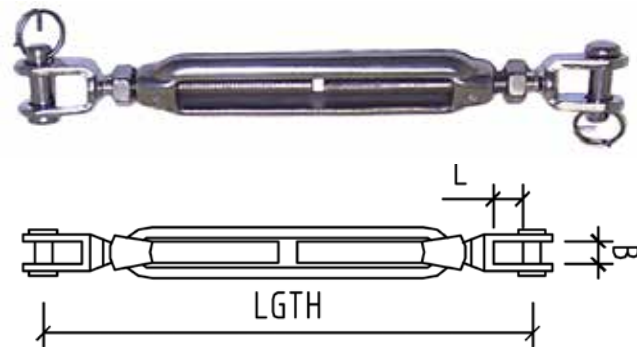
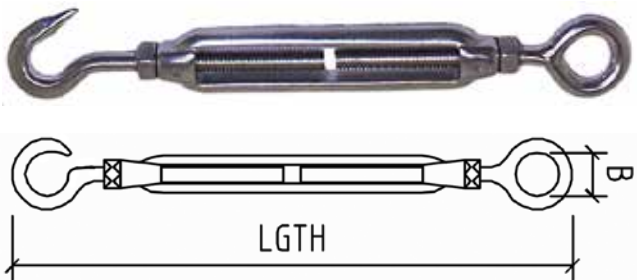
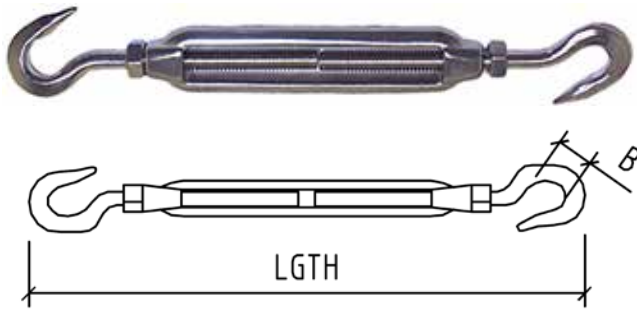
This item is recommended for interior applications only.



Use Bridco mini fittings for 2.5mm wire for end terminations.



Post Distance	800mm max.
Height	1000mm max.
Pulley Centre	80mm max.
Tension Required	32.3Kg min.
Wire Size	2.5mm
Construction	7 x7 or 7 x 19



A lubricant is recommended when using all stainless steel turnbuckles to help prevent binding.

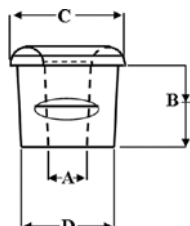
STAINLESS STEEL TURNBUCKLES WITH LOCK NUTS

CODE	DIA MM	STYLE	LENGTH MIN	LENGTH MAX	B	L	TDL KG
*SS-311E-04	4	E & E	98	135	8		475
SS-311H-04	4	H & H	98	135	7		100
SS-311HE-04	4	H & E	98	135	8		100
SS-311E-05	5	E & E	120	170	8		680
SS-311H-05	5	H & H	120	170	7		130
SS-311HE-05	5	H & E	120	170	7		130
*SS-311J-05	5	J & J	120	170	6	10	680
*SS-311E-06	6	E & E	150	220	10		1500
SS-311H-06	6	H & H	120	220	9		350
SS-311HE-06	6	H & E	155	220	9		350
*SS-311J-06	6	J & J	150	220	7	9	1500
*SS-311E-08	8	E & E	200	280	12		2300
*SS-311H-08	8	H & H	225	280	10		650
*SS-311HE-08	8	H & E	225	280	9		650
*SS-311J-08	8	J & J	195	265	10	10	2300
*SS-311E-09	9	E & E	245	350	15	15	3100
*SS-311H-09	9	H & H	255	350	13	13	800
*SS-311HE-09	9	H & E	255	350	13	13	800
*SS-311J-09	9	J & J	235	350	10	10	3100
SS-311E-12	12	E & E	315	460	20	20	4400
SS-311H-12	12	H & H	320	460	15	15	1400
SS-311HE-12	12	H & E	320	460	14	14	1400
*SS-311J-12	12	J & J	320	455	13	13	4400
*SS-311J-14	14	J & J	315	445	16	21	6400
SS-311E-16	16	E & E	400	610	25	25	8100
*SS-311J-16	16	J & J	340	470	18	18	8100
SS-311E-19	19	E & E	500	710	30	35	11000

Legend: E = Eye
 H = Hook
 J = Jaw

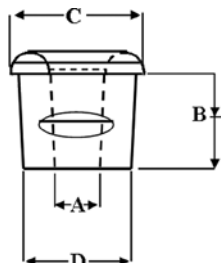
* Available in economy range of fittings.
 Please consult our sales department for pricing

TDL = TESTED DEFORMATION LOAD



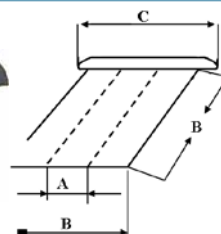
NYLON GROMMET - FLAT

CODE	A mm	B mm	C mm	D mm	COLOUR	DRILL SIZE
NR-106874FB	6.2	10	12	9	BLACK	11/32"
NR-106874FS	6.2	10	12	9	SILVER	11/32"
NR-106874FC	6.2	10	12	9	CLEAR	9mm



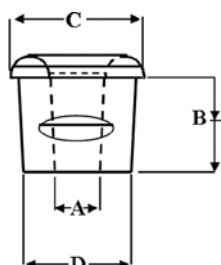
NYLON GROMMET - TO SUIT CURVED SURFACES

CODE	A mm	B mm	C mm	D mm	COLOUR	DRILL SIZE
NR-107090CW	7	7.8	13.4	9	WHITE	11/32"
NR-107090CG	7	7.8	13.4	9	GREY	11/32"
NR-107090CB	7	7.8	13.4	9	BLACK	11/32"



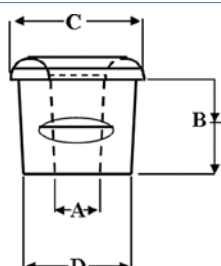
NYLON GROMMET - 37 DEGREE (SPLIT) FOR FLAT SURFACES

CODE	A mm	B mm	C mm	D mm	COLOUR	DRILL SIZE
NR-104090AW	4.2	8	15	9	WHITE	11/32"
NR-104090AG	4.2	8	15	9	GREY	11/32"
NR-104090AB	4.2	8	15	9	BLACK	11/32"



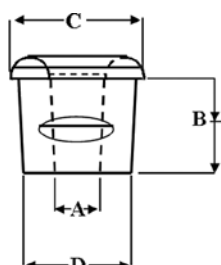
NYLON GROMMET - SPLIT FOR FLAT SURFACES

CODE	A mm	B mm	C mm	D mm	COLOUR	DRILL SIZE
NR-104290FB	4.2	8	13	9	BLACK	11/32"
NR-104290FG	4.2	8	13	9	GREY	11/32"



NYLON GROMMET - TO SUIT CURVED SURFACES

CODE	A mm	B mm	C mm	D mm	COLOUR	DRILL SIZE
NR-104080CW	4.5	6	12	8	WHITE	5/16"
NR-104080CG	4.5	6	12	8	GREY	5/16"
NR-104080CB	4.5	6	12	8	BLACK	5/16"



NYLON GROMMET - TO SUIT FLAT SURFACES

CODE	A mm	B mm	C mm	D mm	COLOUR	DRILL SIZE
NR-108127FW	8.6	8.2	15.8	12.8	WHITE	1/2"
NR-108127FG	8.6	8.2	15.8	12.8	GREY	1/2"
NR-108127FB	8.6	8.2	15.8	12.8	BLACK	1/2"

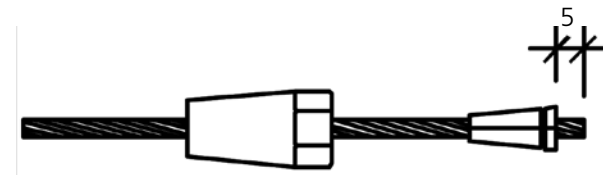
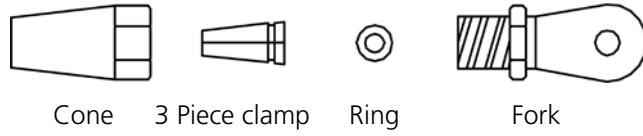
GROMMETS

Used when passing wire rope through steel, aluminium or even timber posts. These UV stabilised, high density polythene grommets give a neat appearance as well as protection from chafe and electrolysis.

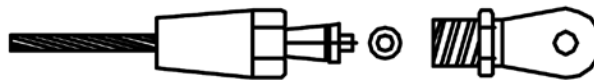
BRIDCO SWAGELESS

Bridco Swageless terminals are suitable for balustrading and static loads.

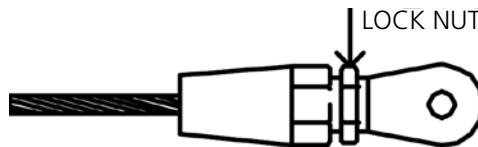
For use with 1/8' wire rope 7x7, 7x19 or 1x19 construction.



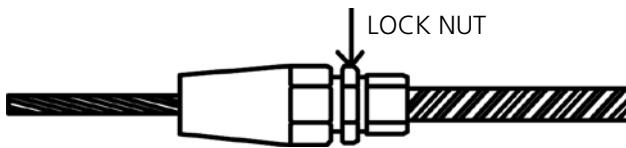
1. Feed wire through cone and spread 3 piece clamp around wire, leaving 5mm of excess.



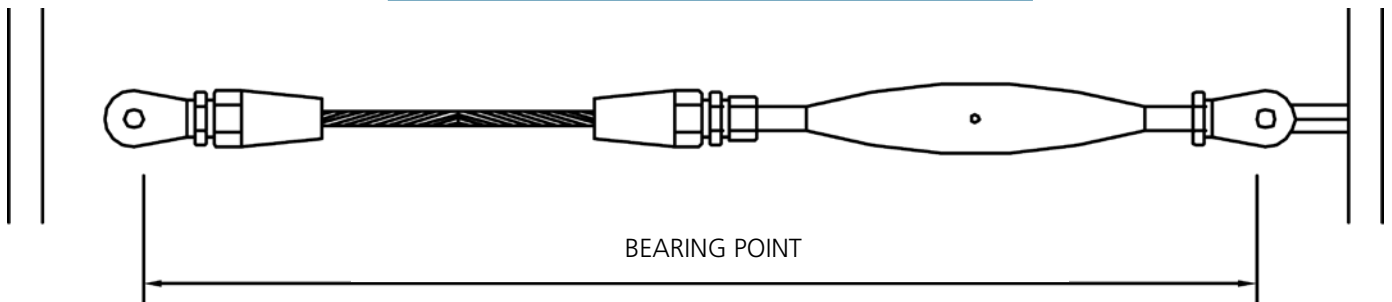
2. Push 3 piece clamp into cone and slide the ring over the excess wire. Screw the head on firmly with spanners to hold assembly together.



3. Screw lock nut to secure assembly.

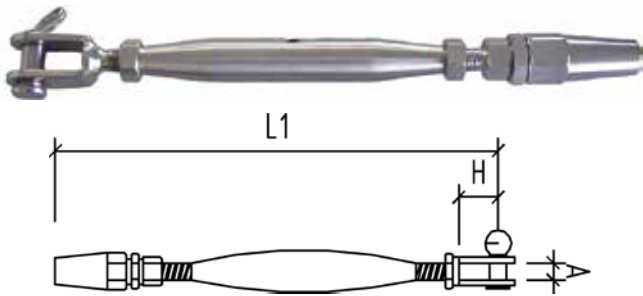


4. Repeat process for threaded part in Bottlescrew.



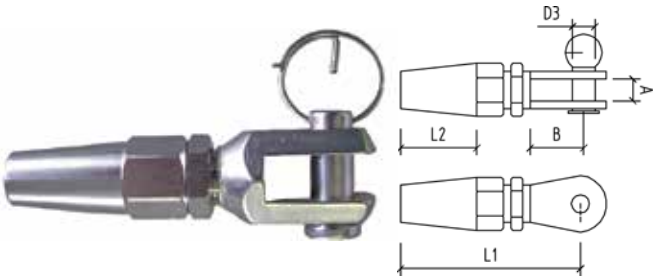
To determine the length to cut the wire, first measure the bearing point to bearing point dimension, this will be the distance between the 2 fixings on the posts shown above. Bearing point to bearing point measurement (-) 215mm = Wire cut length. Measurements are with bottlescrew in half open position.

Load capacity outweighs wire breaking strengths provided the setup is assembled correctly. Fittings suitable for balustrade only, not suitable for yacht rigging. No responsibility is taken for misuse or poorly assembled systems.



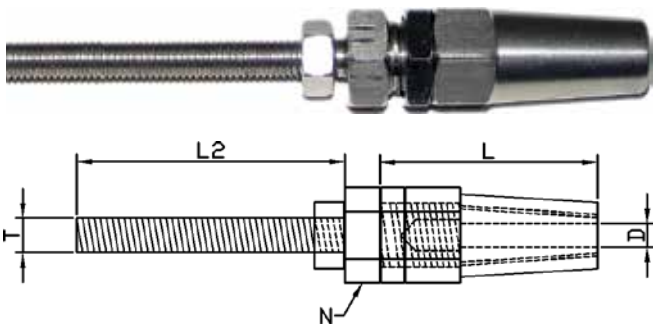
BRIDCO BOTTLESCREW JAW-SWAGELESS

CODE	THREAD SIZE	L1 MIN	L1 MAX	TO SUIT WIRE SIZE	H	A	PIN DIA	TDL KG
SS-8014-603	M6	163	245	1/8"	13	8	6	600
SS-8014-106	M10	230	335	1/4"	17	12	9	N/A



BRIDCO SWAGELESS FORK TERMINAL

CODE	WIRE DIA	D3	L1	L2	B	A
SS-8012-03	1/8"	6	50	19	19	9
SS-8012-06	1/4"	9	83	32	21	13
SS-8012-08	5/16"	14	105	40	35	13.7



BRIDCO SWAGELESS TERMINAL

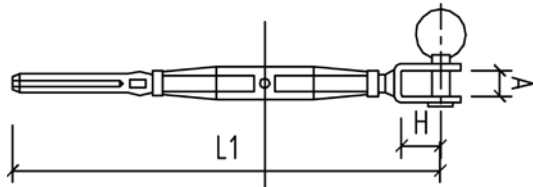
CODE	WIRE DIA	D	T	L	L2	N
SS-7812-03	1/8"	3	6	58	50	12
SS-7812-06	1/4"	6	10	97	85	19
SS-7812-08	5/16"	8	12	60	80	24
SS-7812-08L	5/16"	8	12	60	80	24

L = LEFT HAND THREAD



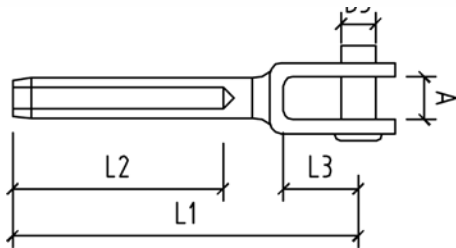
BRIDCO HAVE A RANGE OF SPECIALISED FITTINGS, COMMONLY USED IN HEIGHT SAFETY INDUSTRIES

Rigging screws and fork terminals to suit 8mm (5/16") wire rope.



BOTTLESCREW JAW AND SWAGE STUD

CODE	A	H	L1	L2	B
STANDARD					
SS-312T-128	15	28	220	300	16.2
BATTERY SWAGE STYLE					
SS-312T-128SL	15	28	241	321	12.5



FORK TERMINAL

CODE	A	D3	L1	L2	L3
STANDARD					
SS-7803-0812	14.5	12	146	81	28
BATTERY SWAGE STYLE					
SS-7803-085L	14.5	12	150	81	28

Standard

Standard *Bridco M12* rigging screws with swage terminal and fork terminal to suit 8mm wire rope, (requires standard 8mm die). These items are batch tested and Test Certificates are available on request.

Battery Swage style

Bridco M12 rigging screw with swage terminal to suit 8mm wire rope, but can be pressed with special battery swagers. (Can use hex 6 or 6mm roll die). Due to the nature of battery terminal swages, Test Certificates are not available for this method.

When pressed correctly the above fittings exceed the breaking strain of 8mm, 1x19 stainless steel wire rope.



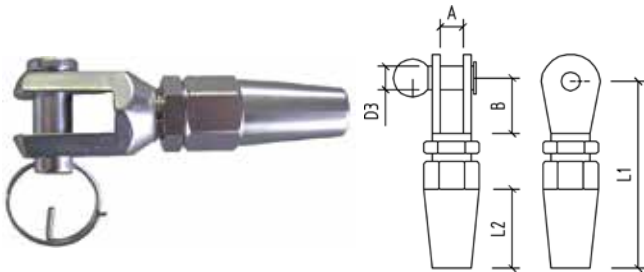
Bridco Stainless Steel Fittings may be lasered with a bridge image BRIDCO as shown in the images above. This ensures Bridco quality.

RIGGING SCREWS AND FORK TERMINALS TO SUIT 8MM (5/16") WIRE ROPE



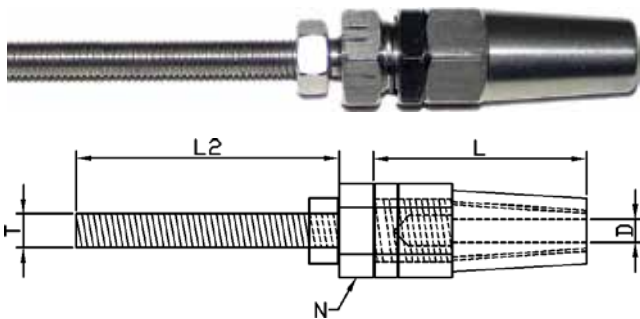
BRIDCO BOTTLESCREW JAW-SWAGELESS

CODE	A	H	L1 MIN	L2 MAX
SS-8014-128	15	28	270	35



BRIDCO BOTTLESCREW FORK TERMINAL

CODE	D3	L1	L2	B	A
SS-8012-08	14	105	40	35	13.7



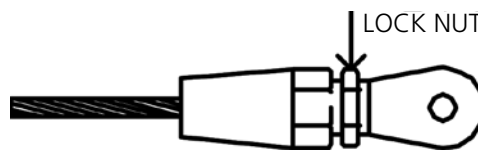
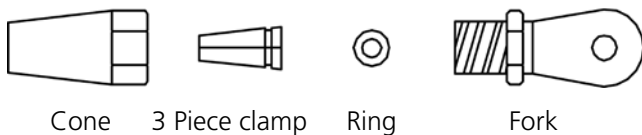
BRIDCO SWAGELESS TERMINAL

CODE	WIRE	D	T	L	L2	N
SS-7812-08	5/16"	8	12	60	80	24
SS-7812-08L	5/16"	8	12	60	80	24

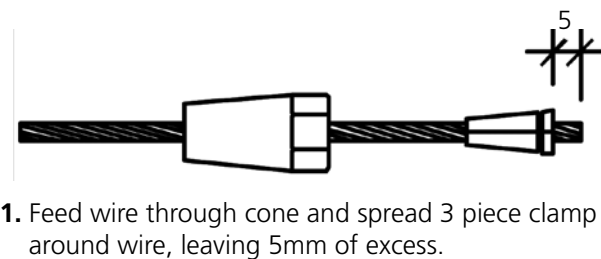
L = LEFT HAND THREAD

BRIDCO SWAGES

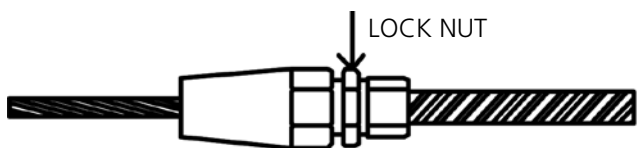
For use with 8mm 7x7, 7x19 or 1x19 construction.



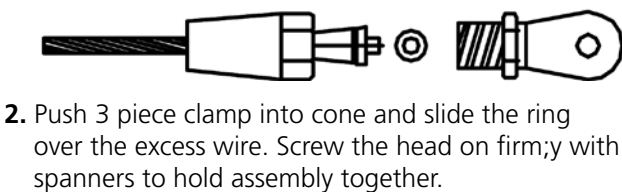
3. Screw lock nut to secure assembly.



1. Feed wire through cone and spread 3 piece clamp around wire, leaving 5mm of excess.



4. Repeat process for threaded part in Bottlescrew.



2. Push 3 piece clamp into cone and slide the ring over the excess wire. Screw the head on firmly with spanners to hold assembly together.

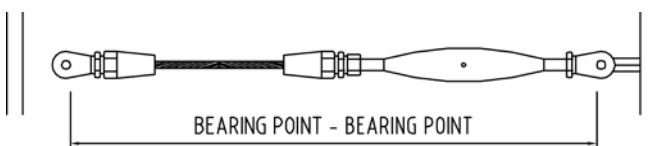
To determine the length to cut the wire, first measure the bearing point to bearing point dimension, this will be the distance between the 2 fixings on the posts shown above.

Bearing point to bearing point measurement (-) 215mm = Wire cut length.

Measurements are with bottlescrew in half open position.

Load capacity outweighs wire breaking strengths provided the setup is assembled correctly. Fittings suitable for balustrade only, not suitable for yacht rigging.

No responsibility is taken for misuse or poorly assembled systems.



Cromox[®]



Grade 50/Grade 60 – 316L Load Rated stainless steel lifting chain and components.

Cromox is an innovation in the field of Stainless Steel Lifting Components, offering real advantages in terms of resistance, in particular with respect to aggressive materials. The new brand, Cromox, stands for innovative quality products made by Ketten Wälder. This new development reflects on many years of experience and intensive research.

Cromox materials have been specially selected. Cromox chain is produced using Grade 50 and Grade 60 stainless steel, which offers excellent chemical and mechanical advantages, resulting in better corrosion resistance and more favourable mechanical properties.

Cromox is available from selected distributors of Bridco products throughout Australia.

- * Mechanically assembled chain slings
- * Welded chain slings
- * Stainless steel chain
- * Anchor Chain
- * Conveyer Chain
- * Master Links
- * Dee shackles
- * Clevis Shackles
- * Pump Lifting Chains
- * Swivel Load Hooks
- * Clevis Hooks
- * Eye Hooks
- * Eye Bolts

Industries may include:

Chemical, Food, Water & Wastewater Engineering, Environmental Technology, Power Plant Engineering, Mining, Naval & Military, Nautical, Mechanical and Plant Engineering, Sewerage, Construction.



Stainless Steel Load Rated Components



Bridco have our own brand of rated lifting components, manufactured from quality grade 316 stainless steel. The Bridco LR components are stamped for quality assurance and issued with test certificates.

Currently in stock are Load Rated forged shackles, quick links, eye bolts, & eye nuts.

Batch 'Proof Loading Certificates' from the manufacturer are issued with all components containing relevant information regarding the production of the goods. All goods are marked with W.L.L and Batch No: The W.L.L are based on the batch proof test load (at double W.L.L.) All proof loads are tested as point loads, not evenly distributed loads, this gives a truer result.

The ultimate break is well in advance of double the proof load. Due to the nature of stainless steel it is not always possible to give an accurate ultimate break load.

Please note: There is no recognised standard for Load Rated components.

Bridco Load Rated Eye Bolt



Sample Test Certificate

PRODUCT TEST CERTIFICATE			
CERTIFICATE NUMBER: 200500201	BATCH: 200500201		
BRIDGE & COMPANY PTY LTD 87 TAMBO STREET SULLYVAH WA 6100	PRODUCT INFORMATION		
Product Code: 65-300P-13-R	Manufacturer: 419(2)	Material Code: STAINLESS 316	Quantity: 100
Order Code: 200500201	Quantity: 100	Quantity: 100	Quantity: 100
TESTING INFORMATION			
W.L.L. (T):	W.L.L. (R):	W.L.L. (S):	W.L.L. (T):
TESTING MACHINE	Model No: 200500201	Serial No: 200500201	Test Certificate Date: 18/07/13
ISSN OFF			
Remarks: This test certificate is to be kept as long as the product is in use and a minimum of 11 years.			
Name: [Signature]	Position: [Signature]	Date: 2005-13	
Please note: There are many types of alloy standards relating to the heat treating of stainless steel wire or chain slings. All testing has been conducted to ensure products which have been created using manufacturer's recommendations and to ensure maximum safety of these products are available or required.			
41 Tames Street, Sullyvaah, QLD 4220 Telephone: (07) 55 939688 Fax: (07) 55 939672 Email: info@slts.com.au			
W:\Testing\Full Testing Procedures\Testing Documents\LD PFC 200513.doc			

Stainless steel is not maintenance free, but maintenance friendly. When using stainless steel products outdoors, periodic cleaning, especially in aggressive environments such as coastal areas or swimming pools, is essential. Washing regularly will reduce the risk of tea staining. (See introduction).

STAINLESS STEEL CLEANING AND MAINTENANCE SCHEDULE RECOMMENDED BY BRIDCO

ENVIRONMENT	DISTANCE FROM SALT SPRAY, BEACHFRONT	CLEANING INTERVAL
MILD	15KM+	EVERY 12 MONTHS
MODERATE	1 – 15KM	EVERY 4 – 6 MONTHS
MARINE/INDUSTRIAL / URBAN	500M – SALT SPRAY / BEACHFRONT 100M – 1KM – SHELTERED BAY	EVERY 3 MONTHS
SEVERE MARINE / INDUSTRIAL / BUSY URBAN	500M – SALT SPRAY / BEACHFRONT 100M – SHELTERED BAY	WEEKLY

For further information regarding selection, maintenance and cleaning of stainless steel products, a copy of our Bridco User *Guide and Conditions of Use of Stainless Steel Components* is available to download by visiting: www.bridco.com.au/links.html

Stainless Steel Cleaner and Polish



B40 STAINLESS STEEL CLEANER

B40 Stainless Steel Cleaner by Bridco is a mixture of acids, selected solvents and surfactants specially designed to remove tea staining and grout from stainless steel stanchions, rails, stainless steel wire rope etc.

B40 will not corrode stainless steel nor will it turn green or brown as hydrochloric based cleaners will.

For best results B40 should be followed by B42 Stainless Steel Polish.

* A hazardous goods surcharge of +50% is applied to all freight costs for B40.

Standard box contains 6 x 500ml spray bottles (hazardous Cargo). 20 Litre bulk containers also available.

B20 STAINLESS STEEL POLISH

B42 Stainless Steel Polish is especially designed to remove tea staining and fine scratches from stainless steel railings and fittings, etc. B42 deposits a protective, low surface energy water resistant layer, which repels water and air borne contaminants for several months, before re-application may be required.

Standard box contains 15 x 250ml bottles.



B40 STAINLESS STEEL CLEANER

B40 STAINLESS STEEL POLISH



TESTING WIRE ROPE & CHAIN SLINGS

Stainless Lifting & Testing Services Pty Ltd, has specialised equipment in the form of a 50t Talurit test bench with an effective length of 8m, which can be doubled when using chain or wire. This is primarily used for the certification of CROMOX Grade 50 stainless steel chain assemblies, but other services are available such as individual proof loading of standard Bridco stainless steel products, testing of stainless steel wire rope slings & product batch testing on request. Tested products will be tagged displaying the appropriate information. Destruction tests with graphs displaying Force/ Time can also be performed should the requirement arise.

NOTE: The testing is not recognised by a 3rd party (ie NATA) due to the fact there are no current standards specifically referring to stainless steel products other than Grade 50 chain (AS4797). All testing is based on in-house research & development, supplier recommendations or based on standards of a similar nature. All testing equipment is regularly calibrated by an approved laboratory.



SPECTROMETER MATERIAL ANALYSIS

Stainless Lifting & Testing Services Pty Ltd, has a state of the art machine capable of actively measuring and identifying different grades of stainless steel. Test results are registered on an analysis report which provides detailed information on grade limits and material percentages. Our staff are specially trained in the use of the spectrometer and material analysis. Batch testing is also available on request for products purchased from Bridco, this must be done prior to despatch to ensure all items are from the same batch.



WHICH WIRE ROPE TERMINATION

There are many different combinations and uses for Bridco stainless steel fittings and wire rope terminations. The information shown in the centre spread of the catalogue is intended as a guide to help select the combination or system most suited for your application. For further dimensions including dimensions and maximum loads on these and many other Bridco stainless steel products, refer to appropriate page in our catalogue or consult your Bridco stockist.

SWAGE EYES

It is recommended for the eye to be formed around the thimble. Swage ferrules (crimps) on stainless steel wire should always be copper or stainless steel (inox). Aluminium ferrules are not suitable and should only be used on galvanised wire.

THE MOST COMMON STYLES OF STAINLESS STEEL ROPE

	<p>1 X 19</p>	<p>STIFF COMMONLY USED FOR STANDARD RIGGING, MAST STAYS, ETC. HAS A SMOOTH FINISH AND LOOKS GOOD WITH SWAGE TERMINALS.</p>
	<p>7 X 7</p>	<p>SEMI FLEXIBLE EASY TO HAND CRIMP AND CAPABLE OF LIMITED ANGLES. COMMONLY USED ON BALUSTRADING AND SAFETY RAILS.</p>
	<p>7 X 19</p>	<p>VERY FLEXIBLE EASIEST TO HAND CRIMP. USED FOR RUNNING RIGGING OR WHERE SHARP TURNS ARE REQUIRED.</p>

#316 offers the highest resistance to corrosion and is often regarded as the premium grade. It is recommended to use #316 if materials are exposed to a heavy salt environment.



BRIDCO HAND SWAGES

The CP range of copper and aluminium sleeves (ferrules) are specifically designed for use with hand crimping tools. The results, when used with the correct tools, properly adjusted, are extremely strong with an even structure of metal surrounding the wire. Copper sleeves are recommended for use on stainless steel wire ropes. For galvanised wire ropes, aluminium sleeves can be used.

Please note that although hand crimping can give excellent results it should not be used on wire used for lifting purposes. Use approved methods only.

STOPPERS

CODE	SUIT WIRE	BEFORE SWAGE DIA	AFTER SWAGE DIA	STARTS SLIPPING (KG)
CP-115S	1.5MM	5.1	3.5	195
CP-130S	3.2MM	6.35	5	340
CP-140S	4.0MM	10.5	6.8	545
CP-150S	5.0MM	10.9	7.5	725

Use normal hand swage tool for crimping stoppers, use the hole one size below the wire size ie: 3mm wire rope use 2mm hole on the tool.

PRESSING PROCEDURE

1. Feed the wire through the ferrule to leave at least one wire diameter in length protruding from ferrule.
2. Beginning at the tail end of the ferrule press along the length of the ferrule using the full width of the plier jaw.
3. Rotate the ferrule 90 degrees and repeat, pressing surplus metal back into the ferrule.
4. Rotate back 90 degrees and repeat the process.

COPPER SLEEVE (NP = NICKEL PLATED)

CODE	FOR WIRE SIZE MM	FOR WIRE SIZE IMP	BORE *1	LENGTH BEFORE SWAGING	BITES PER SLEEVE (MIN) *2
CP-105	1.5	1/16"	4.9	8	2
CP-115P	1.6	1/16"	4.	8.8	2
CP-115S	1.5	1/16"	4.9	8.8	2
CP-120	2	5/16"	4.9	9	2
CP-115NP	2	5/64"	4.9	9	2
CP-125	2.5	3/32"	6	10	2
CP-125NP	2.5	3/32"	6	10	2
CP-130	3	1/8"	7.3	13	2 – 3
CP-130NP	3	1/8"	7.3	13	2 – 3
CP-130S	3	1/8"	7.3	13	2 – 3
CP-140	4	5/32"	9.1	16	2 – 3
CP-140NP	4	5/32"	.1	16	2 – 3
CP-1140S	4	5/32"	9.1	16	2 – 3
CP-150	5	3/36"	10.9	18	2 – 3
CP-15NP	5	3/36"	10.	18	2 – 3
CP-150S	5	3/16"	10.9	18	2 – 3
CP-160	6		12.7	20	3
CP-164		1/4"	12.7	20	3
CP-164NP		1/4"	12.7	20	3
CP-180	8	5/16"	17	25	3
CP-180NP	8	5/16"	17	25	3
CP-199	10	3/8"	19	27	3

• 1 BORE = Dia of cavity in the pressing tool or die used for pressing.

* 2 = When using CP hand tool

ALUMINIUM SLEEVES

CODE	FOR WIRE ROPE	BORE	LENGTH BEFORE SWAGING	BITES PER SLEEVE
CP-105A	1.5	4.9	8	2
CP-125A	2.5	6	10	2
CP-132A	3.2 (1/8")	7.3	13	2 – 3
CP-132AS	3.2 (1/8")	7.3	13	2 – 3
CP-135A	3.5 (1/8")	7.3	13	2 – 3
CP-140A	4	9	16	2 – 3
CP-150A	5	10.9	18	2 – 3
CP-160A	6	12.7	20	3

COPPER SLEEVES FOR FIBRE ROPE

CODE	USE TOOL	FOR ROPE	BORE	LTH BEFORE SWAGING	BITES PER SLEEVE
CP-140R	CP-763	4mm	6.9	6	1
CP-160R	CP-775	6mm	9.1	8	1
CP-180R	CP-775	8mm	10.9	8	1
CP-110R	CP-778	10mm	12.8	10	2

NOTE: For best results 2 sleeves should be used for each eye swage when using fibre rope.



MADE IN NEW ZEALAND
– PROFESSIONAL QUALITY



Jaws are made from alloy steel, hardened and tempered.
Good quality tools with easy re-adjustments.

HAND SWAGING TOOLS

CODE	TO PRESS SLEEVES	OVERALL LENGTH	WEIGHT KG
CP-731	1.5mm (1/16"), 2.5mm (3/32")	320mm	.85
CP-763	2mm (5/64"), 2.5mm (3/32"), 3mm (1/8")	630mm	2.75
CP-774	3mm (1/8"), 4mm (5/32")	780mm	4.0
CP-775	4mm (5/32"), 5mm (3/16"), 6mm & 8mm fibre rope sleeves	780mm	4.0
CP-776	6mm (1/4")	780mm	4.0
CP-778	8mm (5/16")	70mm	4.0
CP-799	10mm (3/8")	40mm	6.5



CODE	HEX SWAGE PLIERS	OVERALL LENGTH	WEIGHT KG
CP-793H	3mm HEX SWAGE PLIERS	900mm	6
CP-794H	4mm HEX SWAGE PLIERS	900mm	6

REPLACEMENT JAWS

CODE	TO SUIT
CP-703	CP-763
CP-704	CP-774
CP-705	CP-775
CP-706	CP-776
CP-708	CP-778
CP-793HJ	CP-793H



BENCH MOUNT - NO JAWS INCLUDED

CP700 Designed to suit the jaws above, this device enables pressing of swages with one hand. Ideal for repetitive workshop operations.



WIRE ROPE CUTTERS

CODE	BRAND	MAX WIRE SIZE	OVERALL LENGTH	WEIGHT KG
CP-606	HIT	4mm	200mm	.33
CP-609	HIT	6mm	345mm	.82
CP-612	HIT	10mm	525mm	1.7
GPDC16	TALURIT	15mm	610mm	2.3

BRIDCO ROPE CUTTERS

CODE	MAX WIRE	OVERALL	WEIGHT KG
CP-WRC04	4mm	200mm	0.31





The original mechanical splicing systems

Bridco are the Australian agents for Talurit A.B, a world renowned company specialising in mechanical splicing systems based in Sweden since 1948.

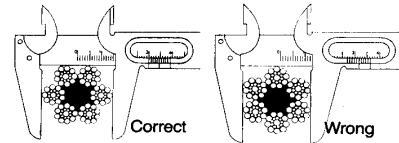




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FERRULE SECURING INSTRUCTION - TALURIT™ Rev. 2009-04-16

Please note these instructions are only applicable to products produced and supplied by Talurit AB, Sweden and Gerro GmbH, Germany!



Checking of the wire rope:

Begin by checking the diameter of the wire rope. The measured diameter is applicable.

Check rope type, rope grade, type of rope lay and fill factor (f) or metallic cross-sectional area factor (C). Make sure the wire rope corresponds to requirements in the tables for each ferrule type.

$$f = \frac{A}{A_u} \quad C = f \cdot \frac{\pi}{4}$$

Fill factor (f): The ratio between the sum of the nominal metallic cross-sectional areas of all the wires in the rope (A) and the circumscribed area (A_u) of the rope based on its nominal diameter (D).

Ensure that the cut ends of pre-formed wire rope do not unlay. If a served rope end is to be pressed within the ferrule the serving shall consist only of a strand or wire. The serving material shall be of aluminium or annealed steel and shall have a tensile strength no greater than 400 N/mm². The diameter of the serving shall be no greater than 5% of the nominal rope diameter. Any serving within the ferrule before pressing shall be no longer than 0,5 x nominal rope diameter and the overall length of serving shall extend no further than 1 x rope diameter from the rope end.

Annealed ends must not be pressed inside the ferrule and annealed ends should not be longer than 0,5 x the wire rope diameter. Please also see our separate instructions for annealing machines type AV. Please note that our ferrules should only be used on new wire ropes.

Types of ferrules and their use:

T-ferrules (T), T-Konit™ (TK), T-Konit™ with inspection hole (TKH), Ultragrip™ Metal (UM), Konit™ (K), Steel (ST), Slimsteel™ (SLST), Steel (STD) and Round (R) are intended for use on steel wire ropes made from carbon steel. The Copper ferrule (TCU), Round copper ferrule (RCU), stainless steel ferrule (INOX) and stainless steel terminals are intended for use with stainless steel wire ropes.

Note! Only ferrules type T, TKH and UM correspond to the European standard EN 13411-3.

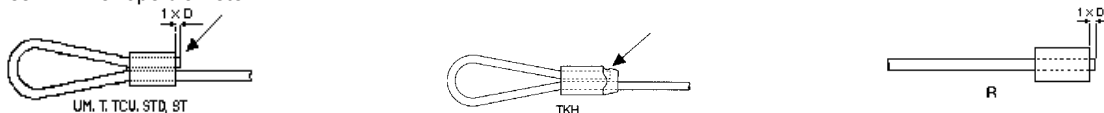
Select correct ferrule size:

The correct size of ferrule is selected from the applicable table for each type of ferrules. Note applicable rope types in each table. All our aluminium ferrules comply with this quality specification and to other material specifications stated in the ruling standards. All our ferrules are seamlessly extruded over mandrel.

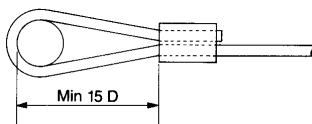
Ferrule selection is based on the following criteria: the rope grade, the diameter of the wire rope, the fill factor or metallic cross-sectional area factor, the wire rope core i.e. fibre core (FC) or steel core (IWRC= independent wire rope core).

Assembly of the wire rope in the ferrule:

Enter the wire rope into the ferrule. When the loop is formed the end of the wire rope is returned into the ferrule according to type as indicated in the figures D= wire rope diameter.



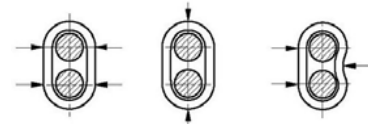
Before pressing conical ferrules with inspection hole, make sure that the short end of the wire rope is entered all the way to the back edge of the inspection hole!



If a thimble is not used, the distance from the unpressed ferrule to the bearing point of the soft eye must be at least 15 x the wire rope diameter (D), as per the figure. In some cases the sling eye should be even larger. Using a pin or a hook calculate 3 x pin diameter or the hook width to verify 15 x D or more.

The width of the eye without load shall be approximately half its length.

If the end of the wire rope is fixed in the ferrule before pressing then this should be done with care and preferably with controlled pressure, e.g. with our pre-pressing machines. Avoid faulty or unnecessary deformation of the ferrule. Do not clench or hammer in the middle of the long side of the ferrule. See figure.



CORRECT

WRONG

Press dies:

Check that the ferrule type and code number corresponds with the details stamped on the die. However our dies are not stamped with R and TCU-types; for these ferrule types use the type markings for T ferrules. Before pressing the dies should be carefully cleaned and the bore of the dies should be lightly lubricated. This will aid material flow and lengthen die life.

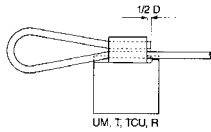


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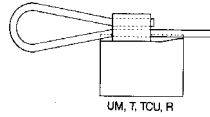
Positioning of the ferrule in the dies before pressing:

The following figures show how the ferrule should be positioned before pressing when using press dies with rounding or taper. In straight cylindrical dies the ferrule is placed in the middle of the cylindrical bore.



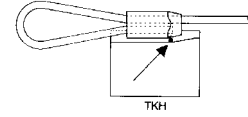
(Die with one-sided rounding)

Place the ferrule about half a wire rope diameter away from the die rounding.



(Conical die)

Place the ferrule centered in the straight cylindrical section of the die.

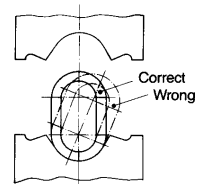


(Conical die)

Place the ferrule with the short wire rope end downwards and make sure the tap is in the inspection hole.

Pressing:

Make sure the dies are set up correctly and aligned. Lubricate the bore of the press dies. Press the ferrule, holding the wire rope with your two hands, one at each side of the dies. Attention! The closing dies imply a risk of crushing! The major axis of the oval ferrule cross-section must align with the direction of pressing. Use the regulating valve on the press to find the correct pressure in addition with an oil drop test*. On completion of the pressing operation the dies shall meet and pressing must stop! Do not overload the dies. The ferrule shall be pressed in one direction, without being turned. Fins or flash material shall be removed by a grinding method without damaging or reducing the round diameter of the ferrule. Any flash material shall not be pressed back into the ferrule.



* Oil drop test: place an oil drop on the supporting edge of the lower die. Use the regulating valve to close the dies. When the oil drop is pressed out of the closing dies the accurate pressure is achieved!

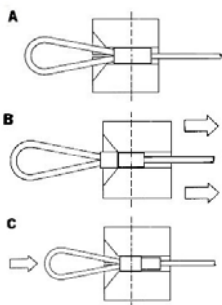
Multi bite pressing:

There are two types of dies for multi-bite pressing, a full length and a short type. **IMPORTANT!** Lubricate the bore of the press dies in every step!

This procedure is for the full-length type. The press dies are first fixed in the swager as usual (Fig. A) using the centre fixing position, and pressing takes place as per standard procedure utilizing full pressure. The pressing is completed when the dies fully touch. If the press dies do not touch fully they must be moved to the second fixing position and pressing of half the ferrule carried out with reduced pressure as per Fig. B. NOTE! The pressure must be decreased to almost half not to overload the dies.

This method also ensures the load remains over the centre of the piston. The remaining half ferrule length is pressed as per Fig. C.

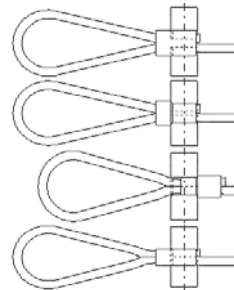
The procedure employing the short type dies involves moving the ferrule with the die remaining static in its fixed position see figure below. The pressure must be decreased to almost half the necessary pressure for full-length pressing.



Lubricate. Ferrule in middle of the die.

Lower the pressure. Move the die to its second fixing position. Lubricate. Press half the ferrule until the dies meet.

Lubricate. Press the remaining ferrule half.



Lubricate. Place the ferrule as shown in the picture. Reduce the pressure to half the value compared to full length.

Press the ferrule just about half the required distance.

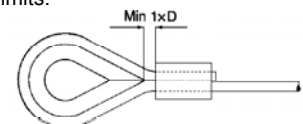
Lubricate. Now press the other side of the ferrule until the dies meet.

Lubricate. Press the first side of the ferrule once again, this time until the dies meet.

Checking and marking after pressing:

Check that the ferrule has been properly pressed and the wire rope is correct in alignment. Each ferrule shall be visually examined, free from flaws and defects. Any flash produced on the ferrules should be removed without damage to the ferrule or the rope. At each set-up the pressed ferrule shall be dimensionally checked to verify that it is within the diameter and when applicable length limits specified in the tables for ferrules. Each pressed ferrule after the set-up shall be checked for diameter to verify that it is within the diameter limits.

If a thimble is incorporated the point of the thimble should be at least $1 \times D$ (the diameter of the wire rope) away from the ferrule after pressing. See figure. When using a thimble without a point the distance shall be $1,5 \times D$. Thimbles shall be according to EN 13411-1.



Make sure the dead end of the wire rope protrudes from the ferrule after pressing. Our recommendation is approx. $0,5 \times D$ (the diameter of the wire rope), to exceed this can cause injury. In case of conical ferrule make sure the dead end is visible in the inspection hole. Marking of pressed ferrules should be carried out according to ruling standards. Use a steel stamp or our marking machines. The following maximum letter sizes and maximum depth of impression are valid:

For ferrule No.	Max. letter Size	Max. impression depth
8-24	3 mm	0,5 mm
24-110	5 mm	1,0 mm

Usage and scrapping:

Ferrule terminations of aluminium or copper shall not be exposed to temperatures outside the range -40°C to 100°C or to long-term submersion in seawater. Slings shall be taken out of use if their ferrules have been exposed to deformation or when the outer diameter has been reduced to less than 95% of the original diameter.

If you have wire ropes not covered by this instruction or have any technical questions, please contact our Technical Department for advice.



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TALURIT™ SPLICING SYSTEM

Tables of sizes for Aluminium Ferrules

Ferrule No.	Wire rope Capacity Diameter (mm)				Die identification		Length after pressing approx. mm	Required pressure approx. kN	
	Fill factor (f=0,40-0,50) Fibre Core		Fill factor (f=0,50-0,60) Steel Core		Dies marked	Diameter after pressing			
	T	Min	Max	Min					Max
GTA015	1,2	1,6	1,1	1,5	1,5	3,8	+0,1	8	10
GTA02	1,7	2,1	1,5	1,9	2	4	+0,15	9	20
GTA025	2,2	2,6	2,0	2,4	2,5	5	0	12	30
GTA03	2,7	3,2	2,5	2,9	3	6		14	45
GTA035	3,3	3,7	3,0	3,4	3,5	7		16	60
GTA04	3,8	4,2	3,5	3,8	4	8		18	80
GTA045	4,3	4,7	3,9	4,3	4,5	9		20	100
GTA05	4,8	5,3	4,4	4,8	5	10		23	125
GTA06	5,4	6,3	4,9	5,8	6	12	+0,3	27	180
GTA065	6,4	6,8	5,9	6,2	6,5	13	0	29	210
GTA07	6,9	7,4	6,3	6,7	7	14		32	250
GTA08	7,5	8,4	6,8	7,7	8	16		36	320
GTA09	8,5	9,5	7,8	8,6	9	18		40	410
GTA10	9,6	10,5	8,7	9,6	10	20	+0,4	45	500
GTA11	10,6	11,6	9,7	10,5	11	22	0	50	600
GTA12	11,7	12,6	10,6	11,5	12	24		54	720
GTA13	12,7	13,7	11,6	12,5	13	26		59	850
GTA14	13,8	14,7	12,6	13,4	14	28	+0,5	63	1 000
GTA16	14,8	16,8	13,5	15,3	16	32	0	72	1 300
GTA18	16,9	18,9	15,4	17,3	18	36	+0,6	81	1 600
GTA20	19,0	21,0	17,4	19,2	20	40	0	90	2 000
GTA22	21,1	23,1	19,3	21,1	22	44		99	2 400
GTA24	23,2	25,2	21,2	23,0	24	48	+0,8	108	2 900
GTA26	25,3	27,3	23,1	24,9	26	52	0	117	3 400
GTA28	27,4	29,4	25,0	26,8	28	56		126	3 900
GTA30	29,5	31,5	26,9	28,8	30	60	+1,0	135	4 500
GTA32	31,6	33,6	28,9	30,7	32	64	0	144	5 100
GTA34	33,7	35,7	30,8	32,6	34	68		153	5 800
GTA36	35,8	37,8	32,7	34,5	36	72	+1,1	162	6 500
GTA38	37,9	39,9	34,6	36,4	38	76	0	171	7 200
GTA40	40,0	42,0	36,5	38,3	40	80		180	8 000
GTA42	42,1	44,1	38,4	40,3	42	84	+1,3	191	8 800
GTA44	44,2	46,2	40,4	42,2	44	88	0	198	9 700
GTA46	46,3	48,3	42,3	44,1	46	92		209	10 600
GTA48	48,0	50,4	44,0	46,2	48	96		216	11 500
GTA52	52,0	54,6	46,3	47,9	52	104	+1,6	234	13 500
GTA54	52,6	56,7	48,0	51,7	54	108	0	246	14 600
GTA56	56,0	58,8	50,5	51,9	56	112	+1,7	252	15 700
GTA60	60,6	63,0	54,7	55,9	60	120	0	270	18 000

TK & TKH ferrules available on request.

T ferrules sized 62-152 available on request.

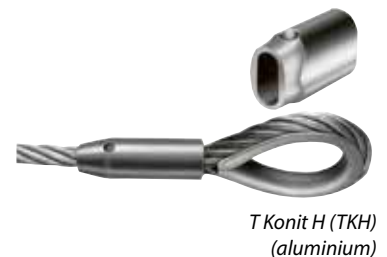
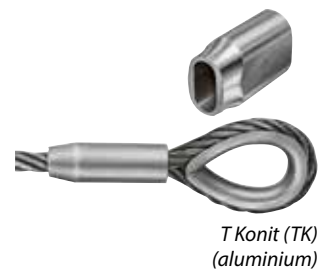
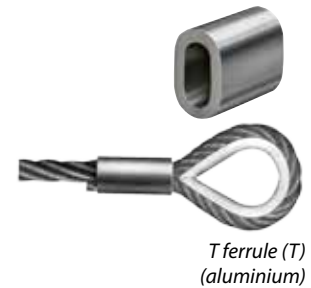
Ferrules: T and TKH have been validated according to EN 13411-3 regarding Ferrule Secured Eye terminations and Ferrule Secured Endless slings.
TK-ferrules have been validated according to TALURIT™ splicing system.

Wire rope: Above table applies to bright or galvanized single layer steel wire ropes with round strands and rope grade 1 570 – 1 960. Wire ropes shall conform to EN 12385-4 and 5. The types of rope shall be Ordinary or Lang lay.

For higher tensile grade we have an approved system called T-LOC. For higher and lower filling factor, please contact our Technical Department.

Note! Please refer to the TALURIT™ Ferrule Securing Instructions for further information.

Please note that these instructions are only applicable to products produced and supplied by Talurit AB, Sweden and Gerro GmbH, Germany!



f = Fill factor, is the ratio between the sum of the nominal metallic cross-sectional areas of all the wires in the rope and the circumscribed area of the rope based on its nominal diameter.

C = Nominal metallic cross-sectional area factor of the rope.

$$C = \frac{f \cdot \pi}{4}$$



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TALURIT™ SPLICING SYSTEM

Table of sizes for Copper TCU ferrules

	Wire Rope Capacity Diameter (mm)				Die Identification			Required pressure approx. (kN)
	Fill factor (f=0,40-0,50) Fibre Core		Fill factor (f=0,50-0,60) Steel Core		Dies marked	Diameter after pressing (mm) / Tol.		
TCU	Min	Max	Min	Max	T			
GTC015	1,1	1,5	1,0	1,4	1,5	3,8	+0,1	20
GTC02	1,6	2,0	1,5	1,9	2	4	+0,1	30
GTC025	2,1	2,6	2,0	2,4	2,5	5	0	45
GTC03	2,7	3,1	2,5	2,8	3	6		60
GTC035	3,2	3,6	2,9	3,3	3,5	7		80
GTC04	3,7	4,1	3,4	3,8	4	8		100
GTC045	4,2	4,6	3,9	4,2	4,5	9		125
GTC05	4,7	5,1	4,3	4,7	5	10		180
GTC06	5,2	6,1	4,8	5,6	6	12	+0,3	210
GTC065	6,2	6,6	5,7	6,1	6,5	13	0	250
GTC07	6,7	7,1	6,2	6,6	7	14		320
GTC08	7,2	8,2	6,7	7,5	8	16		410
GTC09	8,3	9,0	7,6	8,2	9	18		500
GTC10	9,1	10,1	8,3	9,2	10	20	+0,4	600
GTC11	10,2	11,2	9,3	10,2	11	22	0	720
GTC12	11,3	12,3	10,3	11,2	12	24		850
GTC13	12,4	13,4	11,3	12,2	13	26		1 000
GTC14	13,5	14,5	12,3	13,2	14	28	+0,5	1 300
GTC16	14,6	16,1	13,3	14,7	16	32	0	1 600
GTC18	16,2	18,2	14,8	16,6	18	36	+0,6	2 000
GTC20	18,3	20,2	16,7	18,4	20	40	0	2 400
GTC22	20,3	22,4	18,5	20,4	22	44		2 900
*GTC24	22,5	24,6	20,5	22,5	24	48	+0,8	3 400
*GTC28	27,0	28,6	24,7	26,1	28	56		4 500
*GTC30	28,7	30,8	26,2	28,1	30	60	+1,0	5 100

Please note that these instructions are only applicable to products produced and supplied by Talurit AB, Sweden and Gerro GmbH, Germany!



Copper ferrule (TCU) (copper)

*Not stocked. Available on request.

Note! Ferrules made of copper (RCU, TCU and TCUK) have many application areas. One of them being the use together with wire ropes made of stainless steel. This is specially advantageous to avoid galvanic corrosion problems.

TCU and TCUK: We do not guarantee strength of slings for lifting activities made of Copper turn-back ferrules. A termination performed according to our instructions will normally withstand a tensile strength of 90% of minimum breaking load (MBL) of the wire rope. Verifying tests must be done in order to find out the strength.

Ends stops (R and RCU) are not allowed to use for lifting applications. The expected strength regarding this end-termination is approximately 50% of the MBL of the wire rope (informative only). Accordingly, verifying tests must be performed to secure the strength of the application.

Wire rope: Above table applies to wire ropes made of stainless steel, bright or galvanized single layer steel wire ropes with round strands and rope grade 1 570 – 1 960. Wire ropes shall conform to EN 12385-4 and 5. The types of rope shall be Ordinary or Lang lay. For higher tensile grade and higher Fill factor, please contact our Technical Department. Note! Stainless steel as a material is not included in the EN standard for wire ropes.

Please refer to TALURIT Ferrule Securing Instruction for further information.

f = Fill factor, is the ratio between the sum of the nominal metallic cross-sectional areas of all the wires in the rope and the circumscribed area of the rope based on its nominal diameter.

C = Nominal metallic cross-sectional area factor of the rope.

$$C = \frac{f \cdot \pi}{4}$$



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TALURIT™ SPLICING SYSTEM

Table of sizes for Stainless Steel ferrules

Code	Wire Rope Capacity Diameter (mm)				Die Identification			Required pressure approx. (kN)
	Fill factor (f=0,42-0,52) Fibre Core		Fill factor (f=0,53-0,58) Steel Core		Dies marked	Diameter after pressing (mm) / Tol.		
	Min	Max	Min	Max	INOX			
GTS015	1,2	1,6	1,1	1,4	1,5	3,9	+0,15	100
GTS02	1,7	2,2	1,5	2,0	2	4,5	0	160
GTS025	2,3	2,7	2,1	2,6	2,5	5		200
GTS03	2,8	3,2	2,7	3,0	3	6		250
GTS035	3,3	3,7	3,1	3,5	3,5	7,8		300
GTS04	3,8	4,2	3,6	4,0	4	8		350
GTS045	4,3	4,7	4,1	4,5	4,5	9,8		400
GTS05	4,8	5,4	4,6	5,0	5	10,8	+0,3	500
GTS06	5,5	6,4	5,1	6,1	6	12	0	600
GTS07	6,5	7,4	6,2	7,1	7	14		700
GTS08	7,5	8,4	7,2	8,1	8	16		850
GTS09	8,5	9,5	8,2	9,1	9	18		1 000
GTS10	9,6	10,5	9,2	10,1	10	20	+0,4	1 100
*GTS11	10,6	11,5	10,2	11,1	11	21,3	0	1 350
GTS12	11,6	12,6	11,2	12,2	12	24		1 500
GTS13	12,7	13,6	12,3	13,2	13	26		1 750
*GTS14	13,7	14,6	13,3	14,2	14	28	+0,5	2 000
GTS16	14,7	16,7	14,3	16,2	16	32	0	2 500
GTS18	16,8	19,0	16,3	18,2	18	36	+0,6	3 100
*GTS20	19,1	21,0	18,3	20,2	20	40	0	3 400
GTS22	21,1	23,1	20,3	22,2	22	44		3 900
*GTS24	23,2	25,2	22,3	24,2	24	48	+0,8	4 500
*GTS26	25,3	27,3	24,3	26,4	26	52	0	5 000
*GTS28	27,4	29,4	26,5	28,4	28	56		5 600
*GTS30	29,5	31,5	28,5	30,3	30	60		6 000

*Available on request.

Ferrules have been validated according to TALURIT™ splicing system.

Note! We do not guarantee strength of slings for lifting activities made of INOX-ferrules. A termination performed according to our instructions will normally withstand a tensile strength of 90% of the minimum-breaking load (MBL) of the wire rope. Verifying tests must be done in order to find out the strength.

Wire rope: Above table applies to stainless steel single layer wire ropes with round strands and rope grade 1570.

For higher tensile grade and higher Fill factor, please contact our Technical Department.

Please refer to TALURIT™ "Ferrule Securing Instructions" for further information.

Please note that these instructions are only applicable to products produced and supplied by Talurit AB, Sweden and Gerro GmbH, Germany!



INOX ferrule (stainless steel)

f = Fill factor, is the ratio between the sum of the nominal metallic cross-sectional areas of all the wires in the rope and the circumscribed area of the rope based on its nominal diameter.

C = Nominal metallic cross-sectional area factor of the rope.

$$C = \frac{f \cdot \pi}{4}$$



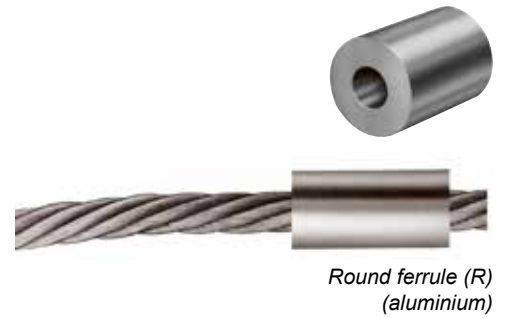
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TALURIT™ SPLICING SYSTEM

Table of sizes for Round Aluminium Ferrules

Code	Wire Rope Capacity Diameter (mm)				Die Identification			Required pressure approx. (kN)
	Fill factor (f=0,40-0,50) Fibre Core		Fill factor (f=0,50-0,60) Steel Core		Dies marked	Diameter after pressing		
	Min	Max	Min	Max	T	(mm) /	Tol.	
GTR03A	2,7	3,1	2,5	2,8	3	6	+0,1	60
GTR04A	3,7	4,1	3,4	3,8	4	8	0	100
GTR05A	4,7	5,1	4,3	4,7	5	10		180
GTR06A	5,2	6,1	4,8	5,6	6	12	+0,3	210
GTR08A	7,2	8,2	6,7	7,5	8	16	0	410
GTR10A	9,1	10,1	8,3	9,2	10	20	+0,4	600
GTR12A	11,3	12,3	10,3	11,2	12	24	0	850
GTR13A	12,4	13,4	11,3	12,2	13	26		1 000
GTR14A	13,5	14,5	12,3	13,2	14	28	+0,5	1 300
GTR16A	14,6	16,1	13,3	14,7	16	32	0	1 600
GTR18A	16,2	18,2	14,8	16,6	18	36	+0,6	2 000
GTR20A	18,3	20,2	16,7	18,4	20	40	0	2 400
GTR24A	22,5	24,6	20,5	22,5	24	48	+0,8	3 400
GTR28A	27,0	28,6	24,7	26,1	28	56	0	4 500

Please note that these instructions are only applicable to products produced and supplied by Talurit AB, Sweden and Gerro GmbH, Germany!



Round ferrule (R)
(aluminium)

Note! Ferrules made of copper (RCU, TCU and TCUK) have many application areas. One of them being the use together with wire ropes made of stainless steel. This is especially advantageous to avoid galvanic corrosion problems.

TCU and TCUK: We do not guarantee strength of slings for lifting activities made of Copper turn-back ferrules. A termination performed according to our instructions will normally withstand a tensile strength of 90% of minimum breaking load (MBL) of the wire rope. Verifying tests must be done in order to find out the strength.

Ends stops (R and RCU) are not allowed to use for lifting applications. The expected strength regarding this end-termination is approximately 50% of the MBL of the wire rope (informative only). Accordingly, verifying tests must be performed to secure the strength of the application.

Wire rope: Above table applies to wire ropes made of stainless steel, bright or galvanized single layer steel wire ropes with round strands and rope grade 1 570 – 1 960. Wire ropes shall conform to EN 12385-4 and 5. The types of rope shall be Ordinary or Lang lay. For higher tensile grade and higher Fill factor, please contact our Technical Department.

Note! Stainless steel as a material is not included in the EN standard for wire ropes.

Please refer to TALURIT Ferrule Securing Instruction for further information.

f = Fill factor, is the ratio between the sum of the nominal metallic cross-sectional areas of all the wires in the rope and the circumscribed area of the rope based on its nominal diameter.

C = Nominal metallic cross-sectional area factor of the rope.

$$C = \frac{f \cdot \pi}{4}$$



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FERRULE SELECTION CHART ACCORDING TO EN13411-3

Explanations on page 1 (2)



T ferrule (T)
(aluminium)



T Konit with inspection hole
(TKH) (aluminium)

Matching wire rope to ferrule

Selection of the correct ferrule is to take account of:

- the measured rope diameter
- the rope type (and core)
- the nominal fill factor, f (or metallic cross-sectional area factor, C) of the rope.

Case 1

For *single layer* round strand ropes with *fibre core* and *cable laid* ropes having a fill factor of at least 0,36, a ferrule having a size/code number equivalent to the measured rope diameter is to be selected from the table on page 1.

Case 2

For *single layer* round strand ropes with *metallic core* and for *rotation-resistant* round strand ropes having a fill factor up to 0,62, a ferrule having the next larger size/code than the measured rope diameter is to be selected from the rope table on page 1.

Case 3

For *single layer* round strand ropes with *metallic core* and for *rotation-resistant* round strand ropes and parallel-closed round strand ropes having a fill factor greater than 0,62 and up to 0,78 the ferrule is to be selected from table on page 1.

Case 4

For *spiral strand* having a fill factor of not greater than 0,78, ferrules are to be selected having two size/code numbers larger than the actual rope diameter from table on page 1. Two ferrules spaced two rope diameters apart are to be used per termination. After pressing a space is to be maintained between ferrules.

Application rope types and grade

Single layer, rotation resistant and parallel-closed stranded ropes conforming to EN 12385-4, stranded ropes conforming to EN 12385-5, spiral strand ropes conforming to EN12385-10 and cable-laid ropes as specified in EN 13414-3. The maximum rope grade is to be 1960. The types of rope lay shall be Ordinary or Lang lay.

f = Fill Factor, is the ratio between the sum of the nominal metallic cross-sectional areas of all the wires in the rope and the circumscribed area of the rope based on its nominal diameter.

C = Nominal metallic cross-sectional area factor of the rope.

$$C = \frac{f \cdot \pi}{4}$$

Please note that these instructions are only applicable to products produced and supplied by Talurit AB, Sweden and Gerro MmbH, Germany.



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**20 TON 1-PILLAR SWAGER
TALURIT™**

TALURIT™ – here with a small Swager with high capacity



**Economically priced
Robust design
Total reliability
Easy to place
Easy to carry
Easy to use**

The 20-ton Swager has a single pillar open throat design and the built in pump is very efficient. Less than 20 strokes close the dies!

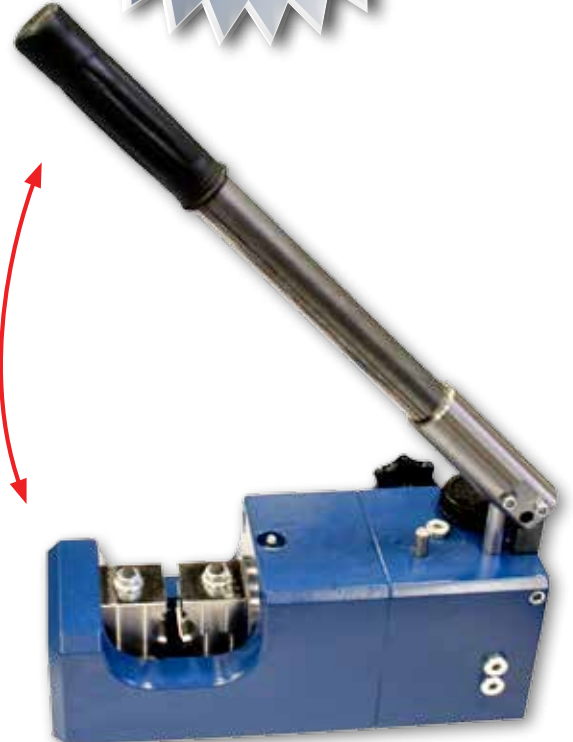
Due to lightweight and easy operation it is suitable to use in the field.

The pump handle is also used as a carrying handle in its locked position.

In a single stage swage T-ferrules up to No. 6,5 can be swaged. Multi stage swaging makes it possible to swage T-ferrules up to No. 9.

Note! All our dies are manufactured from hardened and tempered die steel for long life and durability.

Operating the pump: Close the relief valve on the pump and start pumping the handle to close the dies. Open the relief valve to open the dies.



TECHNICAL DATA

Part Number: GPP20T

Max. swaging force (kN)	200	Type of die	A
Max fluid pressure (bar) approx.	630	Max. die length (mm)	39
Length of stroke (mm)	13	Dimensions L x W x H (mm)	400 x 150 x 160
Capacity - Single stage (T) - Multi stage (T/UM)	6,5 9/10	Weight (kg)	18,7



40T 1-PILLAR SWAGER

GENERAL DESCRIPTION

The 40 ton Swager has a single pillar open design and can be used either vertically, horizontally and upside down. Options such as a stabilizing plate or a tilted adjustable stand are available. The 40 ton Swager offers total flexibility and is easy to use in the field due to its light weight and easy operation.

OPERATIONAL INFORMATION

The new 40 ton swager is both efficient and safe! It has the capacity to press T-ferrules up to size No. 9 in single stage swaging, and T-ferrules up to size No. 13 in multi stage swaging. The swager can be used with A and A1 TALURIT dies. All dies are manufactured from hardened and tempered die steel for a long service life, durability and excellent swaging results.

The swager can be fitted with two different models of electrical hydraulic units. The basic electrical hydraulic unit (HAGG 1,5/700-X-V1) comes with the standard up/down function. Whereas the multifunctional electrical hydraulic unit (HAGG 1,5/700-X-V2) comes with both up/down function and "hold position" to facilitate rope/eye adjustment and to make tool set-up quicker. To minimize cycle time when pressing, the HAGG 1,5/700-X-V2 is also equipped with a stroke limiter that allows control of the retraction stroke length of the piston when operating the swager.

Both hydraulic units are operated by an electrical foot pedal, allowing the operator to use both hands when swaging. Pressure is set by a pressure valve. When the swager is left unused, the automatic shutdown feature will turn the the swager off. The swager is easily restarted by pressing the electrical foot pedal.

Another option is the MA 800 pressure gauge which can be fitted to the swager or the electrical hydraulic unit. By setting the required pressure on MA 800, the piston returns automatically once the preset pressure is reached. This saves time and unnecessary movements for the operator and prolongs the service time for the dies. The new 40 ton swager can also be fitted with a manual hydraulic unit, P59L-40, for operating the swager. All hydraulic hoses come with quick couplings for easy handling and quick setup of the swager.

swager TECHNICAL DATA			
Part Number: GPP40T	Value		Unit
Max. Swaging force	400		kN
Max. oil pressure	700		bar
Length of stroke	22		mm
Dimensions (L x W x H)	146 x 146 x 340		mm
Weight	37		kg
TYPE OF DIES:	A (38x42)	A1 (38x50)	-
- Capacity single stage	8 (T-ferrule)	9 (T-ferrule)	-
- Capacity multi stage	1 (T-ferrule)	0 13 (T-ferrule)	-
OPTIONS:			
Handle	Art No: 40T HANDLE		-
Stabilizing plate	Art No: 40T STAB PLATE		-

hydraulic units TECHNICAL DATA							
Art No: HAGG 1,5/700-(1-5)				V1	V2	Value	Unit
Power supply and Nominal current at:	1	3x Hz	220-240/380-415V (50)	✓	✓	6,1/3,5	A
	2	3x Hz	250-280/440-480V (60)	✓	✓	6,2/3,6	A
	3	3x	190-200V (50 Hz)	✓	✓	7,2	A
	4	3x	360-415V (60 Hz)	✓	✓	3,6	A
	5	3x	200-250V (60 Hz)	✓	✓	7,2	A
Power				✓	✓	1,5	kW
Cycle time (Single stage, full stroke)				✓	✓	8	s
Reservoir volume				✓	✓	3,7	l
Inlet/Outlet threads on couplings				✓	✓	1/4" BSPP	inch
Noise level				✓	✓	65	dB (A)
Dimensions (L x W x H)				✓	✓	650 x 215 x 310	mm
Weight				✓	✓	42,5	kg
Foot pedal				✓	✓	-	-
Hold position					✓	-	-

75 TON – PILLAR SWAGER



75-ton Swager fitted with Hydraulic unit 3,0 kW or 4,0 kW.



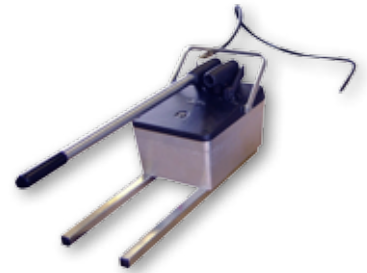
75-ton Swager mounted on a work bench.



75-ton Swager mounted on a work station. (Picture is showing a 150T Swager).



75-ton Swager mounted on a wagon. Hydraulic Hand Pump HAGG PHS36 (Picture is showing a 150T Swager)



OPTIONAL EQUIPMENT

Dies

Die size B1 are standard.

Power

Choose between hydraulic units 3 kW (standard) and 4 kW. The Swager can also be fitted with an optional hydraulic hand pump (PHS 36).

Wagon

The swager can be mounted on a wagon. This optional equipment is suitable for mobile use. This design is ideal for field service and user friendly.

Die holders

FIX B1 (Dies are locked with bolts.)

Work bench and work station

The swager can be mounted on either a work bench or a work station. These optional equipments offers the operator a comfortable position when working, as well as ample work space.

Electrical pressure gauge

With the optional electrical pressure gauge, MA 250, it is possible to pre-set the required pressure and get the piston to return automatically once the pre-set pressure is reached. This saves time and unnecessary movements for the operator.



TECHNICAL DATA

CAPACITIES FOR:	SWAGER GPP75T	HYDRAULIC UNIT HAGG EL 3,0	HYDRAULIC UNIT HAGG EL 4,0	HYDRAULIC HANDPUMP (PHS 36)
Max swaging force	750 kN	750 kN	750 kN	750 kN
Max. fluid pressure	Approx. 240 bar	Approx. 240 bar	Approx. 240 bar	Approx. 240 bar
Working pressure	-	0-240 bar	0-240 bar	0-240 bar
Power	-	3 kW	4 kW	-
Rated current at 240/400 V	-	11/6,6 A	14/8,3 A	-
Inlet/outlet threads on couplings	-	3/8"	3/8"	-
Length of stroke	25 mm	-	-	-
Type of dies	B1	-	-	-
Piston velocity	-	approx 3,5 mm/s	approx 5,5 mm/s	-
Pump effort at max working pressure (N)	-	-	-	650 (N)
Amount of oil	-	30 l	30 l	7,7 l
Noise level	-	58 (dB (A))	66 (dB (A))	-
Dimensions L x W x H	330 x 355 x 525 mm	640 x 420 x 650 mm	640 x 420 x 690 mm	760 x 244 x 261 mm
Weight	approx. 140 kg	approx. 91 kg	approx. 105 kg	approx. 29 kg

150 TON – PILLAR SWAGER



150-ton Swager fitted with Hydraulic unit 3,0 kW or 4,0 kW.



150-ton Swager mounted on a work bench (picture is showing a 75-ton Swager.)



Hydraulic unit, 5,5 kW



150-ton Swager mounted on a work station.



150-ton Swager mounted on a wagon.

OPTIONAL EQUIPMENT

Dies

Die size B1 and B2 are standard.

Power

Choose between hydraulic units with 3 kW, 4 kW (standard) or 5,5 kW. The optional 5,5 kW will make the swager as fast as allowed in accordance with valid safety regulations.

Wagon

The swager can be mounted on a wagon. This optional equipment is suitable for mobile use. This design is ideal for field service and user friendly. (Only applicable together with hydraulic unit 3,0 kW and 4,0 kW.)

Die holders

FIX B1 (Dies are locked with bolts.)

Work Bench and Work Station

The swager can be mounted on a work bench or a work station. These optional equipments offer the operator a comfortable position when working and ample work space.

Electrical pressure gauge

With the optional electrical pressure gauge, MA 250, it is possible to pre-set the required pressure and get the piston to return automatically once the pre-set pressure is reached. This saves time and unnecessary movements for the operator.



TECHNICAL DATA

CAPACITIES FOR:	SWAGER GPP150T	HYDRAULIC UNIT HAGG EL 3,0	HYDRAULIC UNIT HAGG EL 4,0	HYDRAULIC UNIT HAGG EL 5,5
Max swaging force	1500 kN	1500 kN	1500 kN	1500 kN
Max. fluid pressure	Approx. 245 bar	Approx. 245 bar	Approx. 245 bar	Approx. 245 bar
Working pressure	-	0-245 bar	0-245 bar	40-245 bar
Power	-	3 kW	4 kW	5,5 kW
Rated current at 240/400 V	-	14/8,3 A	18/11 A	22/12 A
Inlet/outlet threads on couplings	-	3/8"	3/8"	3/4"
Length of stroke	32 mm	-	-	-
Type of dies	B1 and B2	-	-	-
Piston velocity	-	1,8 mm/s	2,8 mm/s	- high pressure 2,7 mm/s - low pressure 10 mm/s (approx)
Amount of oil	-	30 l	30 l	140 l
Noise level	-	less than 70 (dB (A))	less than 70 (dB (A))	76 (dB (A))
Dimensions L x W x H	520 x 360 x 665 mm	640 x 420 x 650 mm	640 x 420 x 690 mm	905 x 600 x 870 mm
Weight	approx. 425 kg	approx. 91 kg	approx. 105 kg	approx. 275 kg

300 TON – PILLAR SWAGER – TYPE 2S

For our environment:



- automatic power shut down
- approved hydraulic oil
- adjustable distance between dies
- water-based paint

A versatile Swager with high precision!



P 300T 2S

- **Powerful**
- **Versatile**
- **Reliable**
- **User friendly**
- **Automatic shut down**
- **Short process cycle time**
- **Environmentally friendly**
- **Compatible with several types of dies**

GENERAL DESCRIPTION

The Swager body is manufactured from one single block construction that ensures strength, long service life and a minimum of maintenance. All swagers are thoroughly test run and are supplied with a full tank of oil.

The machine is equipped with a powerful two-stage hydraulic unit controlled by solenoid valves. Operation is extremely easy since an electrical foot pedal permits the operator to use both hands when swaging.

In addition to the normal up/down function the foot pedal has a "hold" position to facilitate rope/eye adjustment and to make tool set-up quicker. To optimize

and quality secure the operation, the maximum swage load can be preset with automatic return of the piston. The start position, (opening between the press dies) is adjustable.

All these features save time and unnecessary movements for the operator. When left un-used the resource saving automatic shut down will turn off the machine, but is easy to start again by pressing down the foot pedal.

FERRULES/FITTINGS CAPACITY

FERRULES/FITTINGS	CAPACITY
T (aluminum)	can be swaged up to size 24 in single stage (up to size 30 multi-stage).
UM (aluminum)	can be swaged up to size 24 in single stage (up to size 32 multi-stage).
STT Sockets/Terminals (carbon steel)	can be swaged up to size 5/8", full shank
TAL-X Flemish Eye Sleeves (carbon steel)	can be swaged up to size 7/8".

Note! Values above are approximate guidelines

EQUIPMENT STANDARD OPTIONS

EQUIPMENT	STANDARD	OPTIONS
Die holder	FIX C	FIX C-GUIDE
Insert die holders	-	• VIN B1/C1
Die holder orientation	Angular or square	-
Power	Power Pack 4 kW	Power Pack 5,5 kW
External Oil Cooler	-	Oil Cooler 300T
Noise Level	72 dB(A)	Silencer 300T (approx. 70 dB(A))
Extra safety equipment	-	Zone Guard 300T
Adjustable height	-	Height Adjuster

600 TON – PILLAR SWAGER

For our environment:



- automatic power shut down
- approved hydraulic oil
- adjustable distance between dies
- water-based paint

A powerful and versatile Swager for both turnback and Flemish eye swaging



P 600T 2S

- **Powerful**
- **Versatile**
- **Reliable**
- **Safe**
- **User friendly**
- **Short process cycle time**
- **Environmentally friendly**
- **Automatic power shut down**
- **Compatible with many types of dies**

GENERAL DESCRIPTION

The Swager body is manufactured from one single block construction that ensures strength, long service life and a minimum of maintenance. All swagers are thoroughly test run and are supplied with a full tank of oil.

The machine is equipped with a powerful two-stage hydraulic unit controlled by solenoid valves. Operation is extremely easy since an electrical foot pedal permits the operator to use both hands when swaging.

In addition to the normal up/down function the foot pedal has a "hold" position to facilitate rope/eye adjustment and to make tool set-up quicker. To optimize and quality secure the operation, the maximum swage

load can be preset with automatic return of the piston. The start position, (opening between the press dies) is adjustable.

All these features save time and unnecessary movements for the operator. When left un-used the resource saving automatic shut down will turn off the machine, but is easy to start again by pressing down the foot pedal.

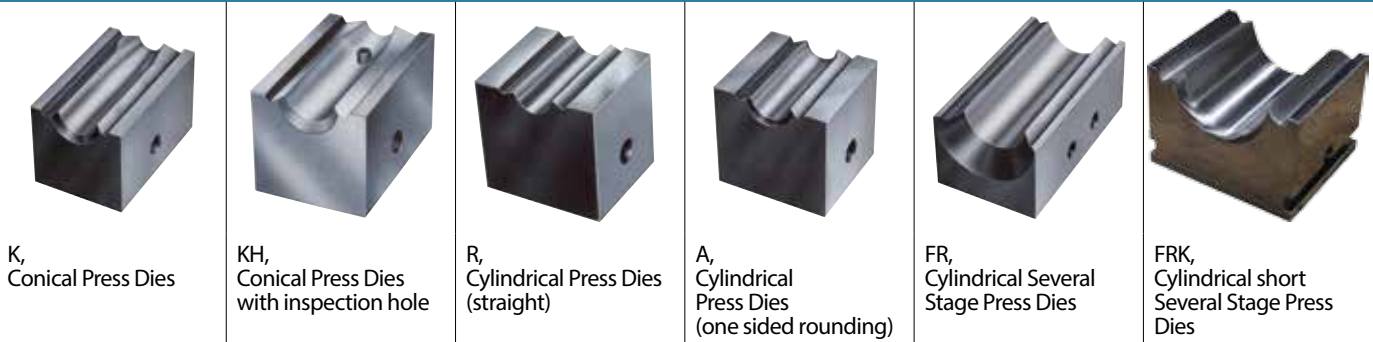
FERRULES/FITTINGS	CAPACITY
T (aluminum)	can be swaged up to size 34 in single stage (up to size 40 multi-stage).
UM (aluminum)	can be swaged up to size 34 in single stage (up to size 42 multi-stage).
STT Sockets/Terminals (carbon steel)	can be swaged up to size 7/8", full shank (size 1 1/4" progressive).
TAL-X Flemish Eye Sleeves (carbon steel)	can be swaged up to size 1 1/2".

Note! Values above are approximate guidelines

EQUIPMENT	STANDARD	OPTIONS
Die holder	FIX D	• FIX D-GUIDE • FIX 4x7/5x7 GUIDE
Insert die holders	-	• VIN C-C1/D • VIN 2½" x 5"/D • VIN 2" x 3½"/D • VIN 2 x 3½/4 x 7 DUAL • VIN 2½ x 5/4 x 7 DUAL
Die holder orientation	Angular or square	-
Power	Power Pack 7,5 kW	Power Pack 11 kW
External Oil Cooler	-	Oil Cooler 600T
Noise Level	72 dB(A)	Silencer 600T (approx. 70 dB(A))
Extra safety equipment	-	Zone Guard 600T
Adjustable height	-	Height Adjuster
Rigging Device	-	• RBS 75 (Rotating and pulling) • RBS 75 P (only pulling)

PRESS DIES FOR ALUMINIUM COPPER FERRULES

TYPES OF DIES



MARKING AND IDENTIFICATION OF DIE SETS

The set of dies to the right is identified as B1 R 12/13, explaining block size, type of bore and ferrule to be used.

- Block size
B1 in the picture to the right, is standard for a 150T swager. The standard block sizes for different swagers are shown in the table of page 2.
- Type of die
R in the picture, means that the bore is straight. Different types of dies are shown on top of the page.
- Size of ferrule to be swaged.
12/13 in the picture, means that both T 12 and UM 13 can be swaged.



The other markings are explained on page 2

Conical Press Dies

Marked K and KH (also T, TK / UM, K for ferrules)
Used for pressing of conical ferrules type TK and K and also straight cylindrical ferrules as T, TS, TCU, UM and R.

Marked K and KH (also TKH for ferrules)

Used for pressing of TKH ferrules with inspection holes. With blind taps they can also be used as the above mentioned conical dies for other ferrules. Patented solution and required in most standards for conical pressed ferrules.

Cylindrical Press Dies, straight or one sided rounding

Marked A (also T / UM for ferrules)
Usually provided with completely straight form but may also be delivered in one-sided rounding on request.

Combined Cylindrical Press Dies

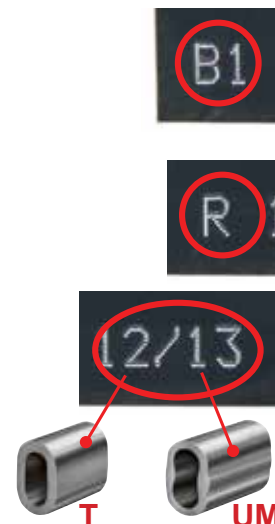
Marked R (also T for ferrules)

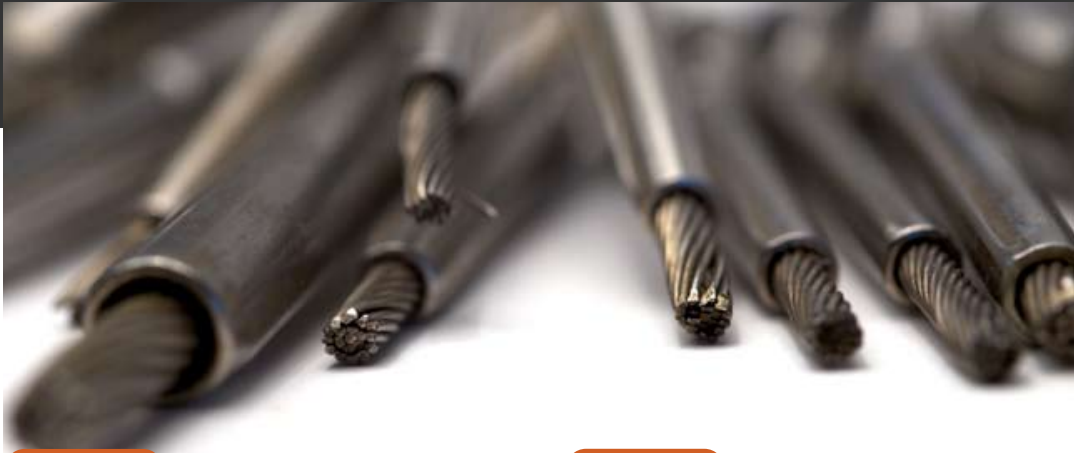
Supplied in the following combinations:

BLOCK SIZE	Nos.				
Band B1	1+1,5	2+2,5	3+3,5		
C	1+1,5	2+2,5	3+3,5	4+4,5	5+6

Cylindrical Several Stage Press Dies

Marked FR and FRK (also T / UM for ferrules)
For pressing in several stages of cylindrical ferrules.
Supplied in straight form and in two types, long and short.





mm

WIRESIZE BEFORE SWAGING	DIAMETER	DIAMETER AFTER SWAGING
1.6	4.06/3.94	3.50/3.40
2.5	5.53/5.41	4.82/4.7
3	6.35/6.22	5.56/5.44
4	7.54/7.42	6.35/6.23
5	9.12/9.00	7.95/7.83
5.5	10.84/10.72	9.50/9.35
6	12.54/12.42	11.12/10.95
7	14.30/14.18	12.70/12.50
8	16.13/16.01	14.30/14.07
9-10	17.85/17.73	15.90/15.70
11	19.83/19.63	17.47/17.27
12	21.44/21.32	19.05/18.82
12E	20.08/20.00	17.80/17.60
14	25.00/24.88	22.23/22.00
16	28.17/28.05	25.40/25.15
19	34.52/34.40	31.75/31.44
22	40.46/40.21	36.50/36.20
25	46.02/45.77	41.28/40.97
28	50.0	44/44.5
32	58.0	51.0/51.5
36	65.0	57.0/57.8
38-40	72.0	63.2/64.0

inch

WIRESIZE BEFORE SWAGING	DIAMETER	DIAMETER AFTER SWAGING
1/16	.160/.155	.138/.133
3/32	.218/.213	.190/.185
1/8	.250/.245	.219/.214
5/32	.297/.292	.250/.245
3/16	.359/.354	.313/.308
7/32	.427/.422	.375/.368
1/4	.494/.489	.438/.431
9/32	.563/.558	.500/.492
5/16	.635/.630	.563/.554
3/8	.703/.698	.625/.618
7/16	.781/.773	.688/.680
1/2	.844/.839	.750/.741
9/16	.984/.979	.875/.866
5/8	1.109/1.104	1.000/.990
3/4	1.359/1.354	1.250/1.238
7/8	1.593/1.583	1.437/1.425
1	1.812/1.802	1.625/1.613
1 1/8	1.968	1.732/1.751
1 1/4	2.284	2.007/2.028
1 3/8	2.559	2.244/2.275
1 1/2	2.835	2.488/2.519
1 3/4	2.952	2.598/2.640

Note

The swager is designed to reduce the terminal shank to required diameter in one pass. However dimension variations of terminals, cables or material hardness could make it necessary to pass the terminal twice.

Note: When swaging solid rods, a special swaging compound must be used. After swaging wipe off the roller dies and swaging machine, and apply a corrosion preventative.



OUR SMALLEST MACHINE.

A100



Hand pump P19L is standard equipment.



*Without Handpump, 13 kg (29 lbs)
with Handpump P19L.*

Dimensions:

L=440 mm (17 1/2")

W=300 mm (11 3/4")

H=135 mm (5 1/4")

Weight: 11 kg (24 lbs)

The Bantam Machine.

A perfect machine for swaging on-site. Low weight and small outer dimensions makes it extremely portable.

Swaging Range: 1,6-5 mm wire. (1/16"-3/16")

Typical applications:

- Architectural, like balustrades and railing.
- Scenographic use at theaters for hanging and supporting set pieces.
- Onboard joining of towing lines for NATO's aviation practice targets.
- Shop fitters use it to make spectacular product displays for their customers.
- Standing rigging for sailing dinghies and lifelines on yachts.
- Structural rigging for hang-gliders and ultra-light airplanes.



www.wireteknik.se

OUR MOST SOLD MACHINE.

A200



Powerful Portability.

A perfect machine for swaging on-site. Low weight and small outer dimensions makes it extremely portable.

Swaging Range: 1,6-8 mm wire. (1/16"-5/16")

Typical applications:

- Standing rigging and lifelines for sailboats.
The Swedish Navy uses it for making railing.
- Architectural, like balustrades and railing.
- Scenographic use at theaters for hanging and supporting set pieces.
- Extensively used for on-site swaging of wire fall protection systems on roofs and buildings.
- Structural rigging for hang gliders and ultra-light airplanes.
- Anchoring of weather balloons.
- Oceanographers uses it for swaging winch wire ropes for their surveying instruments.
- Lifting strops for fuel rods at nuclear power plants.
- Structural rigging for sail-roofs and sail-shades.



An example of A200 fitted with Hydraulic pump unit PHU1.

Dimensions:

L=500 mm (19 3/4")

W=300 mm (11 3/4")

H=140 mm (5 1/2")

Weight: 19,5 kg (42 lbs)



www.wireteknik.se

BIG JOB. SMALL MACHINE.

A 270



Big Job. Small Machine.

A perfect machine for swaging on-site. Low weight and small outer dimensions makes it extremely portable. Rigging screws can be swaged assembled.

Swaging Range: 2,5-12 mm wire. (3/32" - 1/2")

Typical applications:

- Standing rigging and lifelines for sailboats.
- Architectural, like balustrades and railing.
- Often used to build support structures for membrane roofs and tents.
- Structural rigging for sail-roofs and sail-shades.



www.wireteknik.se

A350

THE PRODUCTION LINE MACHINE.



An example of A350 fitted with Hydraulic pump unit PHU1.



Dimensions:
L= 1117 mm (44")
W=370 mm (14 3/4")
H=210 mm (8 1/4")
Weight: 66 kg (146 lbs)

Production Line Machine.

A perfect machine for line production, the low weight and small outer dimensions still makes it extremely portable.

Rigging screws can be swaged assembled.

Swaging Range: 2,5-16 mm wire. (3/32"- 5/8")

Typical applications:

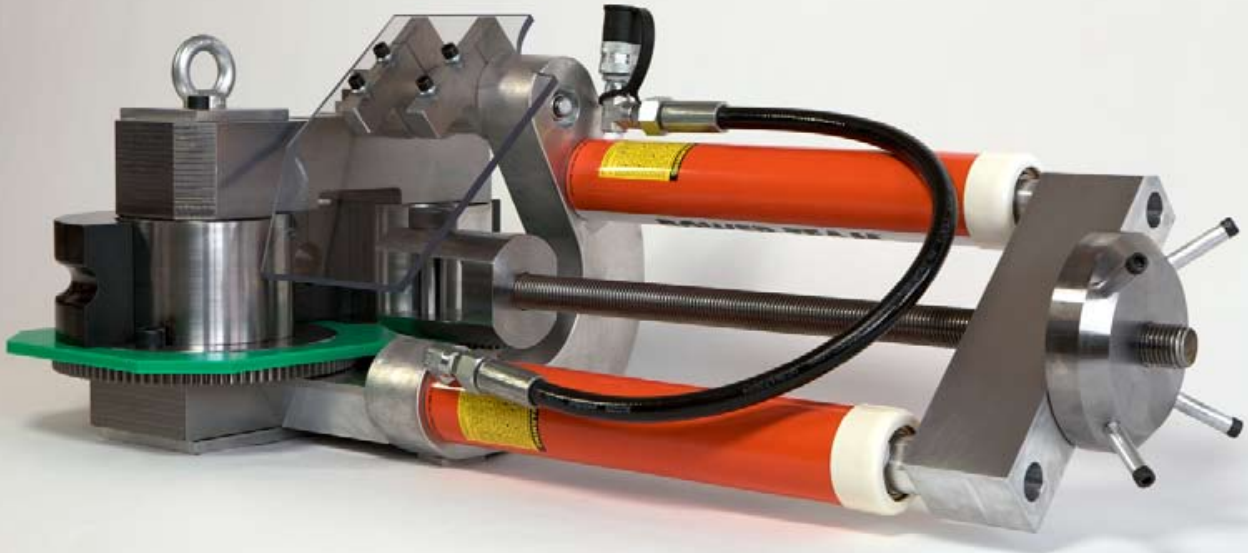
- Standing rigging and lifelines for sailboats.
- Architectural, like balustrades and railing.
- Good for medium size glass facade projects.
- Often used to build support structures for membrane roofs and tents.
- Structural rigging for sail-roofs and sail-shades.



www.wireteknik.se

THE ULTRA COMPACT MACHINE.

A 400



*Also available optimised for road safety barriers.



Dimensions:
L=990 mm (39")
W=530 mm (20 7/8")
H=370 mm (14 1/2")
Weight: 142 kg (313 lbs)

The Ultra Compact Machine.

The Ultra Compact Machine for up to 28 mm Wire Rope.

A perfect machine for swaging on-site. Low weight and small outer dimensions makes it extremely portable. Rigging screws can be swaged assembled.

Swaging Range: 8-28 mm wire. (5/16" - 1 1/8")

Typical applications:

- Standing rigging and lifelines for larger sailboats and yachts.
- Used for on-site production of road safety barrier systems.
- Architectural, like balustrades, railing and hanging bridges.
- Good for big size glass facade projects.
- Often used to build support structures for membrane roofs and tents.
- Structural rigging for sail-roofs and sail-shades.



www.wireteknik.se



A 500

"THE BRONTO" OUR LARGEST MACHINE.

Extremely Powerful.

A500 is a perfect machine for swaging on-site. Low weight and small outer dimensions makes it extremely

Swaging Range: 16-40 mm wire. (5/8"-1 1/2")

Typical applications:

- Architectural, like balustrades, railing and hanging brid ges.
- Often used to build support structures for membrane roofs and tents.
- Good for big size glass facade projects.
- Structural rigging for sail-roofs and sail-shades.
- Standing rigging and lifelines for larger sailboats and yachts.



Dimensions:
L=1380 mm (54 1/4")
W=780 mm (30 3/4")
H=490 mm (19 1/4")
Weight: 392 kg (864 lbs)



www.wireteknik.se

ECONOMY HAND WINCHES

Economical hand winches suitable for trailers and light commercial applications. Winch wires and spare handles can be supplied separately.



HAND WINCH (BLACK FINISH)

CODE	RATIO	MAX LOAD KG
FJ-02	3.2:1	360
FJ-03	4.1:1	450
FJ-05	4.1:1	630
FJ-06	4.1:1 & 9.8:1	900
FJ-07	5.1:1 & 12.2:1	1125



HAND BRAKE WINCH (BLACK FINISH)

CODE	RATIO	MAX LOAD KG
FJ-75G	4:1	727

NOT RECOMMENDED FOR LIFTING APPLICATIONS



SPARE PARTS FOR HAND WINCHES

CODE	WINCH SIZE
FJ-ANCHOR	ALL
FJ-HAND	MEDIUM
FJ-HAND-1	SMALL
FJ-HAND-2	LARGE
FJ-SPRING	ALL

STAINLESS STEEL WINCHES OF THE HIGHEST QUALITY – MADE IN GERMANY

AISI304, quiet running, compact form, fully encased, self locking, folding crank handle, low weight and proven security concept.



MODEL:
HA-WE300
HA-WE500
WALL MOUNTED



MODEL:
HA-209541
HAND ROPE WINCH



MODEL:
HA-KE300
HA-KE500
BRACKET
MOUNTED

Haacon have a large range of industrial winches;



CODE	MOUNTING	CAPACITY KG	ROPE MM	ROPE LENGTH MAX	DRUM DIA	LIFT / CRANK TURN	GEAR RATIO	WEIGHT KG
HA-WE300	WALL	300	4	29M	60mm	65mm	3.1	5
HA-WE500	WALL	500	5	22M	60mm	46mm	4.5	5
HA-KE300	W OR BRKT	300	4	29M	60mm	65mm	3.1	5
HA-KE500	W OR BRKT	500	5	22M	60mm	46mm	4.5	5

JEAMAR HAVE A WIDE RANGE OF HEAVY DUTY POWER WINCHES, HAND WINCHES, SHEAVES AND BLOCKS.

POWER WINCHES

Jeamar Winches are precision engineered to International standards. An extensive range of models are available including lifting winches, hauling winches and capstan winches. All three models are offered in a wide variety of sizes.



LIFTING WINCH



CAPSTAN WINCH



HAULING WINCH

HAND WINCHES

Jeamar manufactures heavy duty hand winches for almost every type of application. Six different models are available in a wide variety of sizes. Completely load activated braking is standard on all models and sizes.

For a full product catalogue please visit: www.jeamar.com



GW SERIES



GW SERIES



GW SERIES



GW SERIES

SHEAVES AND BLOCKS

Jeamar steel sheaves are manufactured from the highest quality, fine-grain steel, ensuring uniformity of material, constant high quality and greater strength. Rope grooves are work hardened during the forming process, which substantially increases the life of the sheave. All sheaves are fitted with lifetime lubricated bearings.



VERTICAL



SNATCH BLOCK



STAINLESS STEEL SHEAVES



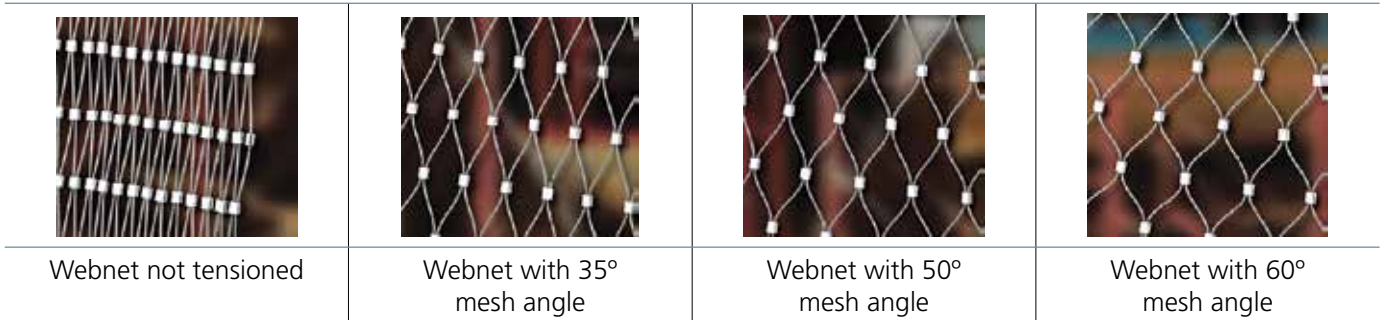
SINGLE SWIVEL



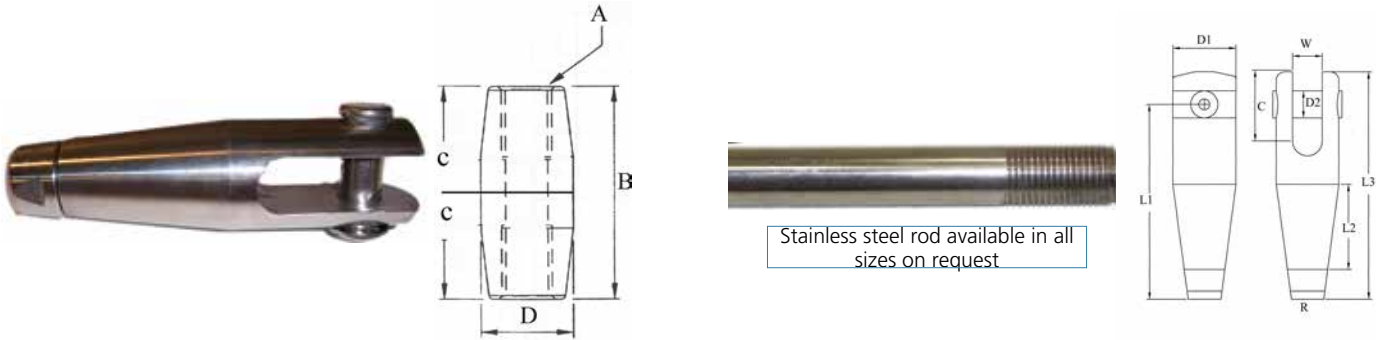
HORZONTAL

STAINLESS STEEL WIRE ROPE PRODUCTS AND CONNECTORS FOR AN UNLIMITED RANGE OF APPLICATIONS.

Jakob Webnet is a multifunctional structural rope system composed of stainless steel rope, rods or tubes with appropriate end connectors. Webnet is fully designed for on-site assembly.



Webnet with angled mesh: when stretched, the wire ropes load the sleeve (breaking limit).



STAINLESS STEEL ROD JOINER

CODE	A	D	B	C	BREAK LOAD kN
JK-32884-06003	M6	10	24	12	4.4
JK-32884-08003	M8	12.5	30	15	8
JK-32884-08003	M10	14.2	38	1	12.5
JK-32884-12003	M12	1.8	48	24	18.3
JK-32884-16003	M16	23.5	60	30	33.7
JK-32884-20003	M20	31	72	30	52.3
JK-32884-22003	M22	34.5	80	40	64.7
JK-32884-24003	M24	3.5	90	45	75.3

ADJUSTER FORK

CODE RHT	CODE LEFT	R	W	D1	D2	L1	L2 ADJ	L3	C	WORK LOAD kN
JK-32817-0600	JK-32818-0600	M6	7	15.5	6	46	25	55.5	20	7
JK-32817-0800	JK-32818-0800	M8	9	19	8	56	30	67	24	13
JK-32817-1000	JK-32818-1000	M10	11	23.2	10	72	38	84	30	20
JK-32817-1200	JK-32818-1200	M12	14	30	12	95	50	111	40	28
JK-32817-1600	JK-32818-1600	M16	18	38	16	120	63	140	50	40
JK-32817-2000	JK-32818-2000	M20	22	47	20	150	80	174	62	63
JK-32817-2200	JK-32818-2200	M22	24	52	22	172	94	199	71	78
JK-32817-2400	JK-32818-2400	M24	26	56	24	195	105	225	82	91



