

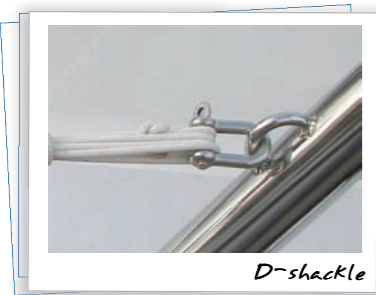
**S360**

**Technical Data**

Casting material : AISI304 - DIN 1.4308/  
 AISI316 - DIN 1.4408  
 Forging material : AISI304 - DIN 1.4301/  
 AISI316 - DIN 1.4401  
 Production : S360 - Shackle - Cast  
 Pin - Forged  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

D-Shackles are designed for application where quick manual setup/release assembly pins are required.



**S360LK**

**Technical Data**

Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S360LK - Shackle - Cast  
 Pin - Forged  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

D-shackles (locking pin) are designed for application where accidental dropping of pin must be avoided during operation. Ex. high sea environment or high tower/pole locations.

**S360CI**

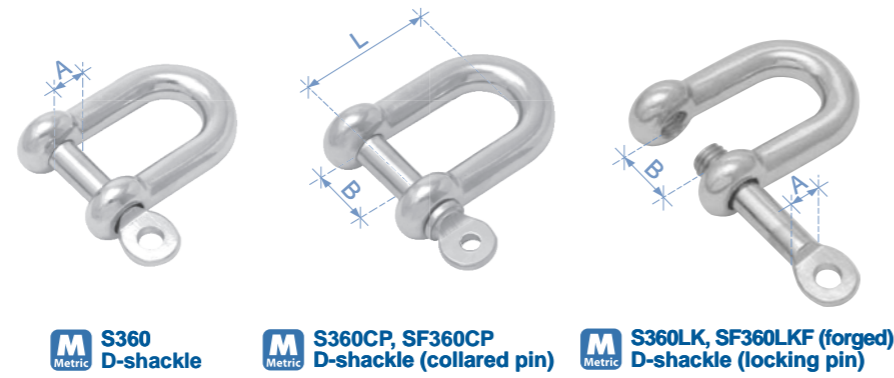
**Technical Data**

Forging material : AISI316 - DIN 1.4401  
 Production : S360CI - Shackle - Cast  
 Pin - Forged  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

Shackles (hexagonal sink pin) are designed for application in public places where direct malicious manual tampering may occur.

**Note:**<sup>(1)</sup> Standard safety factor for working load is 1/4 of breaking load.



Item no.	S360	SIZE	ØA	B	L	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
HT63600004	4	4	4	8	16	550
HT63600005	5	5	5	10	20	1,000
HT63600006	6	6	6	12	24	1,700
HT63600007	7	7	7	14	28	2,000
HT63600008	8	8	8	16	32	2,800
HT63600009	9	9	9	18	36	3,500

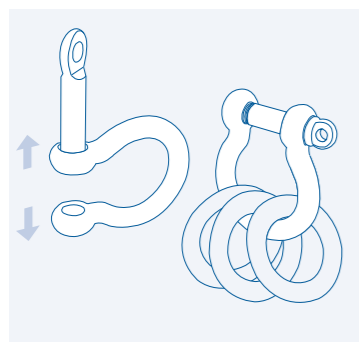
Item no.	S360CP	SIZE	ØA	B	L	Pin process	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)		(kgs)
HT63600423	3	3	3	8	12	Forged	400
HT63600424	4	4	4	8	16	Forged	550
HT63604405	5	5	5	10	20	Forged	1,000
HT63602006	6	6	6	12	24	Forged	1,700
HT63602007	7	7	7	14	28	Forged	2,000
HT63605208	8	8	8	16	32	Forged	2,800
HT63605209	9	9	9	18	36	Forged	3,500
HT63600410	10	10	10	20	40	Forged	4,500
HT63600412	12	12	12	24	48	Forged	6,000
HT63600413	13	13	13	26	52	Forged	6,500
HT63600414	14	14	14	28	56	Cast	7,000
HT63600416	16	16	16	32	64	Forged	10,000

Item no.	S360LK	SIZE	ØA	B	L	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
HT63605004	4	4.40	4.40	8	16	800
HT63605005	5	4.40	4.40	10	20	1,000
HT63605006	6	5.25	5.25	12	24	1,400
HT63605008	8	7.10	7.10	16	32	2,800
HT63605010	10	8.90	8.90	20	40	4,000
HT63605012	12	10.70	10.70	24	48	6,200



**S360CI**  
 D-shackle  
 (hexagonal sink pin)

Item no.	S360CI	SIZE	ØA	B	L	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
HT63605106	6	6	6	12	24	1,700
HT63605108	8	8	8	16	32	2,800
HT63605110	10	10	10	20	40	4,500
HT63605112	12	12	12	24	48	6,000



**S370**

**Technical Data**  
 Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S370 - Shackle - Cast  
 Pin - Forged  
 Surface treatment : "E.P." (Electro polished)

**Field of application**  
 Anchor shackles are designed for application where quick assembly of multiple connecting links are anticipated.

**S370CP**

**Technical Data**  
 Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S370CP - Shackle - Cast  
 Pin - See chart  
 Surface treatment : "E.P." (Electro polished)

**Field of application**  
 Anchor shackles (collared pin) are designed for application where a more securely tight pin is required.

**S371LK**

**Technical Data**  
 Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S371LK - Shackle - Cast  
 Pin - Forged  
 Surface treatment : "E.P." (Electro polished)

**Field of application**  
 Anchor shackles (locking pin) are designed for application where multiple connecting links are required as well as prevention from accidental dropping of pin.

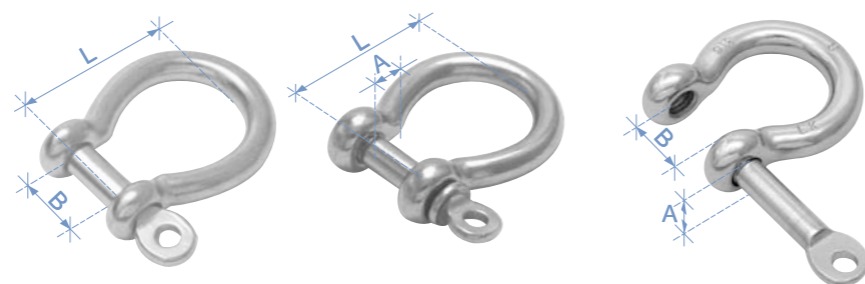


**S370C, SF370C**

**Technical Data**  
 Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S370C - Shackle - Cast  
 Pin - See chart  
 SF370C - Shackle/Pin - Forged  
 Surface treatment : "E.P." (Electro polished)

**Field of application**  
 Anchor shackles (over sink pin) are design for application where multiple connecting links are requires as well as a non-intrusive sunken pin.

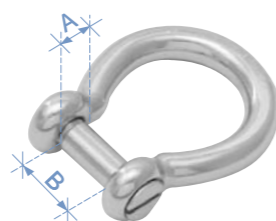
**Note:**<sup>(1)</sup> Standard safety factor for working load is 1/4 of breaking load.



Item no.	S370	SIZE	ØA	B	L	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
	HT63700004	4	4	8	20.00	550
	HT63700005	5	5	10	25.50	1,000
	HT63700006	6	6	12	30.00	1,700
	HT63700008	8	8	16	41.00	2,800

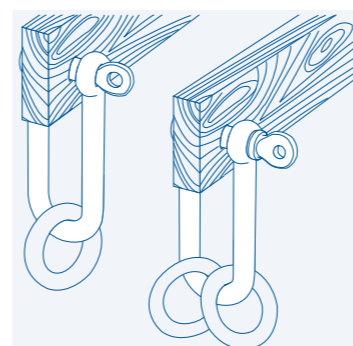
Item no.	S370CP	SIZE	ØA	B	L	Pin	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)		(kgs)
	HT63703003	3	3	8	16.50	Forged	400
	HT63703004	4	4	8	20.00	Forged	550
	HT63703005	5	5	10	25.50	Forged	1,200
	HT63703006	6	6	12	30.00	Forged	1,700
	HT63703008	8	8	16	41.00	Forged	2,500
	HT63703010	10	10	20	51.00	Forged	4,500
	HT63703012	12	12	24	61.00	Forged	6,000
	HT63703013	13	13	26	66.50	Forged	6,500
	HT63703014	14	14	28	70.00	Cast	7,000
	HT63703016	16	16	32	82.00	Forged	10,000

Item no.	S371LK	SIZE	ØA	B	L	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
	HT63710105	5	4.40	10	20	1,000
	HT63710106	6	5.26	12	24	1,500
	HT63710108	8	7.12	16	32	2,900
	HT63710110	10	8.93	20	40	4,300
	HT63710112	12	10.75	24	48	6,000



**S370C**  
Anchor shackle (oval sink pin)

Item no.	S370C	SIZE	ØA	B	L	Pin	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)		(kgs)
	HT63702004	4	4	8	20.00	Forged	550
	HT63702005	5	5	10	25.50	Forged	1,000
	HT63702006	6	6	12	30.00	Forged	1,700
	HT63702008	8	8	16	41.00	Forged	2,800
	HT63702010	10	10	20	51.00	Forged	4,500
	HT63702012	12	12	24	61.00	Forged	6,000
	HT63702013	13	13	26	66.50	Cast	6,500
	HT63702016	16	16	32	82.00	Cast	10,000



**S362**

**Technical Data**  
 Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S362 - Shackle - Cast  
 Pin - Forged  
 Surface treatment : "E.P." (Electro polished)

**Field of application**  
 Long D-shackles are designed for application where a quick setup with long reach opening are required.

**S362CP**

**Technical Data**  
 Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S362CP - Shackle - Cast  
 Pin - Forged  
 Surface treatment : "E.P." (Electro polished)

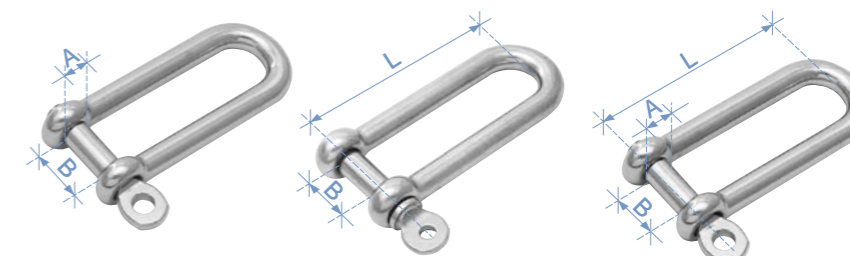
**Field of application**  
 Long D-shackles (collared pin) are designed for application where a more secure tightening pin is required.

**S362LK**

**Technical Data**  
 Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S362LK - Shackle - Cast  
 Pin - Forged  
 Surface treatment : "E.P." (Electro polished)

**Field of application**  
 Long D-shackles (locking pin) are designed for application where a long reach shackle opening as well as anti-dropping pins is required.

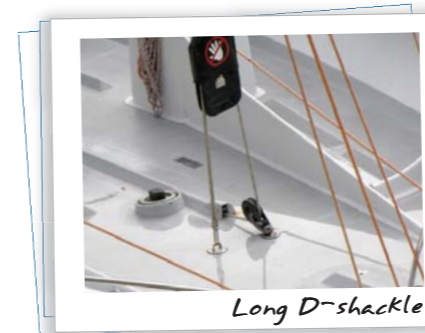
**Note:**<sup>(1)</sup> Standard safety factor for working load is 1/4 of breaking load.

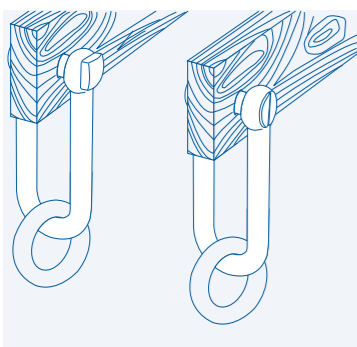


Item no.	S362	SIZE	ØA	B	L	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
	HT63620004	4	4	8	32	500
	HT63620005	5	5	10	40	1,000
	HT63620006	6	6	12	48	1,700
	HT63620008	8	8	16	64	2,500

Item no.	S362CP	SIZE	ØA	B	L	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
	HT63623004	4	4	8	32	500
	HT63623005	5	5	10	40	1,000
	HT63623006	6	6	12	48	1,700
	HT63623008	8	8	16	64	2,500
	HT63623010	10	10	20	80	3,500
	HT63623012	12	12	24	96	5,400

Item no.	S362LK	SIZE	ØA	B	L	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
	HT63622004	4	4.40	8	32	500
	HT63622005	5	4.40	10	40	1,000
	HT63622006	6	5.25	12	48	1,700
	HT63622008	8	7.10	16	64	2,500
	HT63622010	10	8.90	20	80	3,500
	HT63622012	12	10.70	24	96	5,400



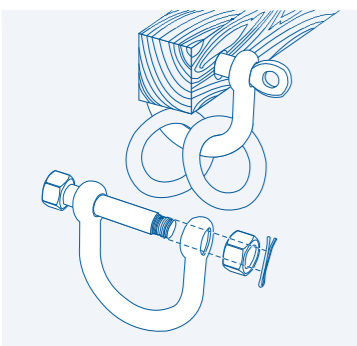


**S362B, S362C**

**Technical Data**  
 Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Surface treatment : "E.P." (Electro polished)  
 Production : S362B - Shackle - Cast  
 Pin - See chart  
 : S362C - Shackle - Cast  
 Pin - Forged

**Field of application**

Long D-shackles (square head pin) and Long D-shackles (oval sink pin) are designed for application where a strong wrench tightening pin, as well as a long reach shackle openings are required.



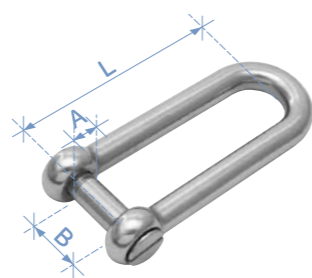
**S360BWN, S360WO**

**Technical Data**  
 Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S360BWN - Shackle - Cast  
 P Pin - Forged  
 : S360WO - Shackle - Cast  
 Pin - Forged  
 Surface treatment : "E.P." (Electro polished)

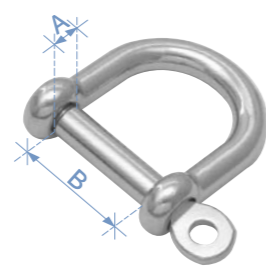
**Field of application**

Wide D-shackles (nut and cotter pin) and Wide D-shackles are designed for application where large opening shackles as well as a permanent wind/vibration resistant pins are required.

**Note:**<sup>(1)</sup> Standard safety factor for working load is 1/4 of breaking load.

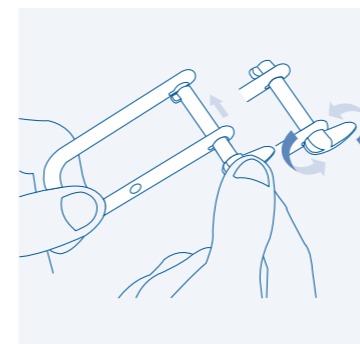


Item no.	S362C	SIZE (mm)	ØA (mm)	B (mm)	L (mm)	B.L. <sup>(1)</sup> (kgs)
Material	SS316					
	HT63621004	4	4	8	32	500
	HT63621005	5	5	10	40	1,000
	HT63621006	6	6	12	48	1,700
	HT63621008	8	8	16	64	2,500
	HT63621010	10	10	20	80	3,500
	HT63621012	12	12	24	96	5,400



**S360WO**  
Wide D-shackle

Item no.	S360WO	SIZE (mm)	ØA (mm)	B (mm)	L (mm)	B.L. <sup>(1)</sup> (kgs)
Material	SS316					
	HT63609005	5	5	25	22.5	750
	HT63609006	6	6	24	36.0	1,350
	HT63609008	8	8	28	35.0	2,500
	HT63609010	10	10	40	60.0	3,350
	HT63609012	12	12	48	72.0	4,000

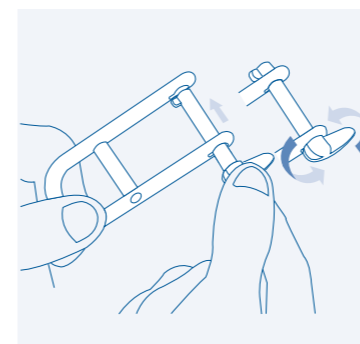


**S365LK**

**Technical Data**  
 Casting material : AISI316 - DIN 1.4408  
 Production : S365LK - Shackle/Pin - Cast  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

Halyard shackles (locking pin) are designed specifically for marine applications where quick 180° releases pin as well as anti-dropping function is required.



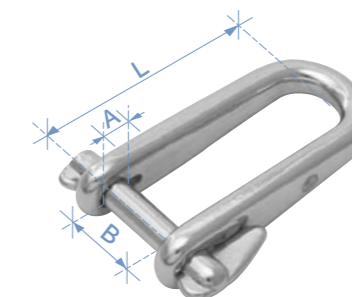
**S365DLK**

**Technical Data**  
 Casting material : AISI316 - DIN 1.4408  
 Production : S365DLK - Shackle/Pin - Cast  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

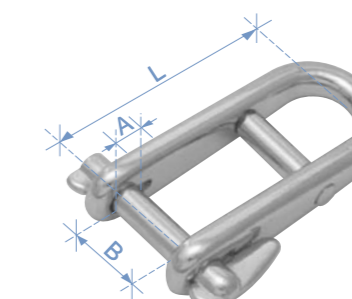
Halyard shackles (cross bar with locking pin) are designed specifically for marine application where a quick 180° release pin as well as independent eye end is required.

**Note:**<sup>(1)</sup> Standard safety factor for working load is 1/4 of breaking load.



**S365LK**  
Halyard shackle (locking pin)

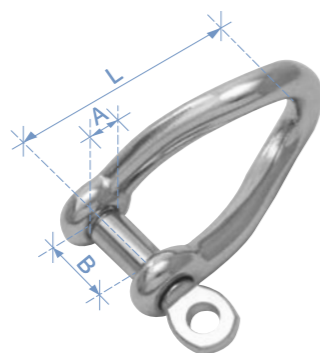
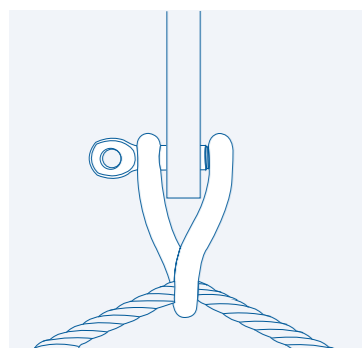
Item no.	S365LK	SIZE (mm)	ØA (mm)	B (mm)	L (mm)	B.L. <sup>(1)</sup> (kgs)
Material	SS316					
	HT63650005	5	5	13	40.5	1,000
	HT63650106	6	6	16	46.0	1,600
	HT63650008	8	8	22	64.0	2,250



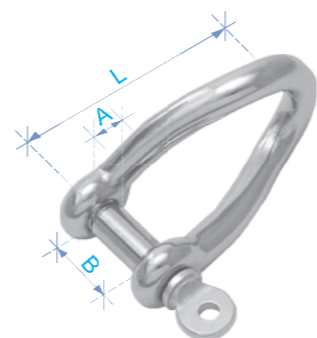
**S365DLK**  
Halyard shackle (cross bar with locking pin)

Item no.	S365DLK	SIZE (mm)	ØA (mm)	B (mm)	L (mm)	B.L. <sup>(1)</sup> (kgs)
Material	SS316					
	HT63651005	5	5	13	40.5	1,000
	HT63651006	6	6	16	46.0	1,600
	HT63651008	8	8	22	64.0	2,250





**M** S380  
Twist shackle



**M** S380CP  
Twist shackle (collared pin)



**S380, S380CP, S380LK**

**Technical Data**

Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S380 - Shackle - Cast  
 Pin - Forged  
 S380CP - Shackle - Cast  
 Pin - Forged  
 S380LK - Shackle - Cast  
 Pin - Forged  
 Surface treatment : "E.P." (Electro polished)

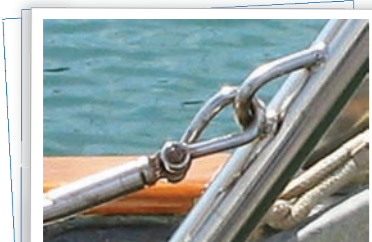
**Field of application**

Twist shackles and Twist shackles with locking pin are designed for application where a 90° angle twist setup is required.

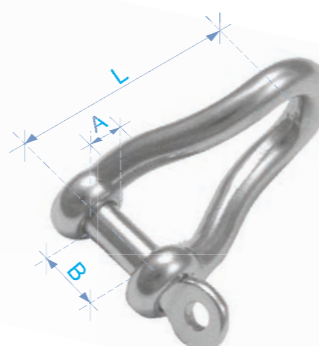
**Note:**<sup>(1)</sup> Standard safety factor for working load is 1/4 of breaking load

Item no.	S380	SIZE	ØA	B	L	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
	HT63800004	4	4	8	24	665
	HT63800005	5	5	10	30	1,100
	HT63800006	6	6	12	36	1,600
	HT63800008	8	8	16	44	2,800

Item no.	S380CP	SIZE	ØA	B	L	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
	HT63808004	4	4	8	24	665
	HT63808005	5	5	10	30	1,100
	HT63808006	6	6	12	36	1,600
	HT63808008	8	8	16	44	2,800
	HT63808010	10	10	20	51	4,600
	HT63808012	12	12	24	66	6,000

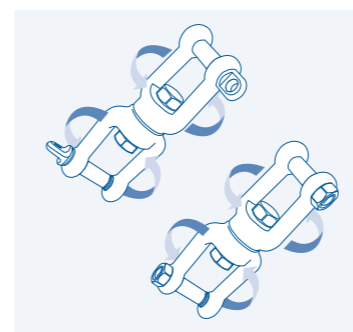


Twist Shackle



**M** S380LK  
Twist shackle with locking pin

Item no.	S380LK	SIZE	ØA	B	L	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
	HT63805006	6	6	12	36	1,600
	HT63805008	8	8	16	44	2,800



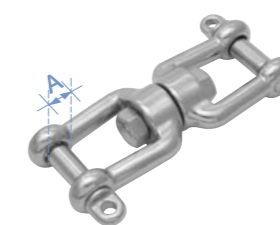
**M** S0182  
Swivel (jaw and jaw)

**Technical Data**

Casting material : AISI304 - DIN 1.4308/  
 AISI316 - DIN 1.4408  
 Forging material : AISI304 - DIN 1.4401/  
 AISI316 - DIN 1.4301  
 Production : S0182 - Swivel - Cast  
 Pin - Forged  
 Surface treatment : "E.P." (Electro polished)

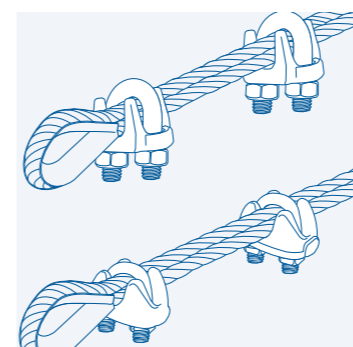
**Field of application**

Swivels (jaw and jaw) are designed for application where quick assembly on to closed end chains are expected.



**M** S0182  
Swivel (jaw and jaw)

Item no.	S0182	SIZE	ØA	B	L	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
	HT60182006	6	6	12	66	1,200
	HT60182008	8	8	16	94	1,900
	HT60182010	10	10	20	118	3,500
	HT60182013	13	13	26	152	5,000



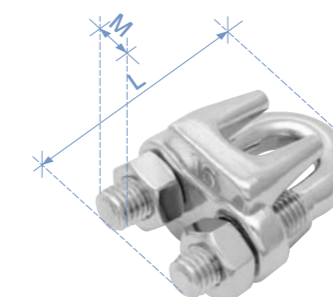
**M** S260  
Wire rope clip (AISI standard)

**Technical Data**

Casting material : AISI304 - DIN 1.4308/  
 AISI316 - DIN 1.4408  
 Forging material : AISI304 - DIN 1.4301/  
 AISI316 - DIN 1.4401  
 Production : S260 - Clip - Cast  
 U-bolt - Forged  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

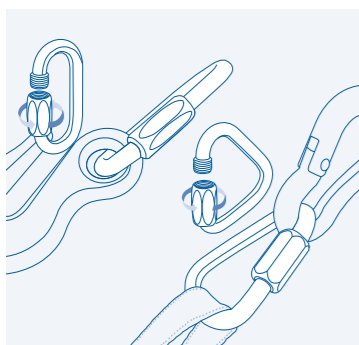
Wire rope clips (AISI standard) are designed for application where a secure grip is needed. Two wire clip are expected per assembly.



**M** S260  
Wire rope clip (AISI standard)

Item no.	S260	SIZE	B	L	M
Material	SS316	(mm)	(mm)	(mm)	(mm/inch)
	HT62600150	1.5	5.0	16.0	M2
	HT62600002	2.0	7.0	17.5	M3
	HT62600003	3.0	8.0	21.0	M3
	HT62600004	4.0	10.0	23.0	M4
	HT62600005	5.0	12.0	29.0	M5
	HT62600006	6.0	14.0	32.0	M6
	HT62600008	8.0	17.5	40.0	M8
	HT62600010	10.0	21.0	50.0	M10





**Metric** S7350 Quick link

Item no.	S7350	SIZE	B	ØD	L	O
Material	SS316	(mm)	(mm)	(mm)	(mm)	(mm)
HT67850035	3.5	10.0	3.5	35.0	4.5	
HT67350070	7.0	15.5	7.0	66.0	8.5	
HT67350009	9.0	18.5	9.0	80.0	11.0	
HT67350010	10.0	20.0	11.0	89.0	12.0	
HT67350012	12.0	23.0	12.0	104.5	15.0	



Quick link

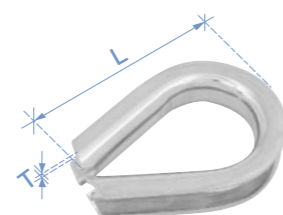
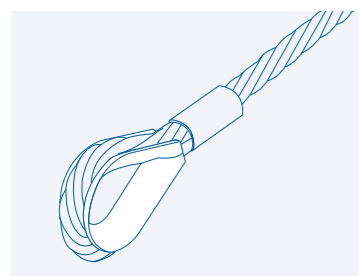
**S7350**

**Technical Data**

Forging material : AISI316 - DIN 1.4401  
 Production : S7350 - Link - Forged  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

Quick links are designed for application where a quick connecting piece is needed between two chain eye or hook with eye end.  
 Triangle quick links are designed for application where a joint piece is needed between a synthetic rope and a hook or chain.



**Imperial** SF414 Heavy thimbles

Item no.	SF414	SIZE	B	L	T	Dia Ø Cable
Material	SS316	(inch)	(mm)	(mm)	(mm)	(inch)
HT64040316	3/16"	18.0	43.0	1.0	3/16"	
HT64140401	1/4"	23.3	56.0	1.5	1/4"	
HT64140615	5/16"	27.3	63.0	2.0	5/16"	
HT64140803	3/8"	29.0	73.0	2.5	3/8"	
HT64140201	1/2"	38.0	92.0	4.0	1/2"	
HT64140805	5/8"	45.0	106.0	4.0	5/8"	
HT64140403	3/4"	50.8	125.0	5.0	3/4"	
HT64140708	7/8"	57.0	139.8	6.0	7/8"	
HT64140001	1"	65.5	157.5	6.0	1"	



**SF414**

**Technical Data**

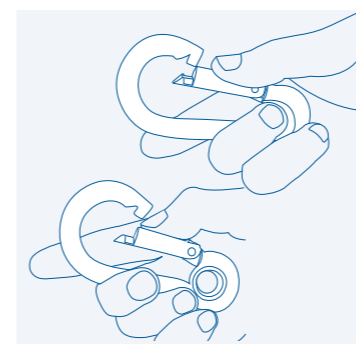
Forging material : AISI316 - DIN 1.4401  
 Production : SF414 - Thimble - Forged  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

Light thimbles are designed for application where secure loop for wire rope is needed.  
 Heavy thimbles are designed for applications where heavy loops and load are expected.



Heavy thimbles



**Metric** S2450, SF2450 S2450X, SF2450X

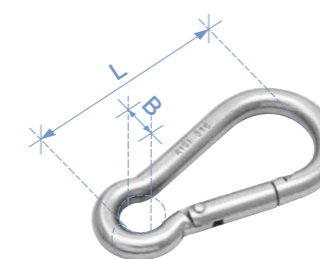
**Technical Data**

Forging material : AISI316 - DIN 1.4408  
 Production : S2450, SF2450 - Snap - Forged  
 S2450X, SF2450X - Snap - Forged  
 Surface treatment : "E.P." (Electro polished)

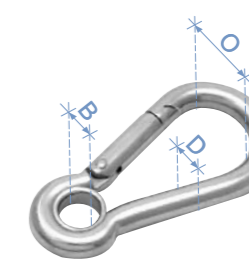
**Field of application**

Snap hooks are the standard in use for the assembly of two loose end chain or ropes.  
 Snap hooks (with eye) are the standard in use to link two loose chain or ropes. Eye end provides extra security for synthetic ropes or wires.

**Note:**<sup>(1)</sup> Standard safety factor for working load is 1/4 of breaking load.



**Metric** S2450, SF2450 Snap hook



**Metric** S2450X, SF2450X Snap hook (with eye)

Item no.	S2450	SIZE	ØB	ØD	L	O	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(mm)	(kgs)
HT62450004	4	6.6	4.5	33	11.5	100	
HT62450007	7	9.5	8.0	56	20.5	400	
HT62450009	9	12.8	9.0	72	26.5	700	
HT62450011	11	19.0	11.0	98	35.0	900	
HT62450012	12	22.0	11.0	116	40.0	1,000	
HT62450013	13	22.0	13.0	134	46.0	1,200	

Item no.	SF2450	SIZE	ØB	ØD	L	O	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(mm)	(kgs)
HT22450005	5	8.0	5.0	40	16.0	160	
HT22450060	6	10.0	6.0	HT48	18.0	300	
HT22450080	8	13.0	8.0	64	23.5	600	
HT22450100	10	17.0	10.0	80	30.0	800	

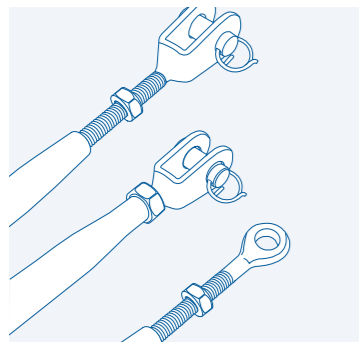
Item no.	S2450X	SIZE	ØB	ØD	L	O	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(mm)	(kgs)
HT62450204	4	6.5	4.5	33	11.5	100	
HT62450207	7	8.0	8.0	56	20.5	400	
HT62450209	9	11.0	9.0	72	26.5	700	
HT62450211	11	18.0	11.0	98	35.0	900	
HT62450212	12	20.0	11.0	116	40.0	1,000	
HT62450213	13	20.0	13.0	134	46.0	1,200	

Item no.	SF2450X	SIZE	ØB	ØD	L	O	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(mm)	(kgs)
HT22450205	5	7.0	5.0	40	16.0	160	
HT22450206	6	9.0	6.0	HT48	18.0	300	
HT22450208	8	12.0	8.0	64	23.5	600	
HT22450210	10	16.0	10.0	80	30.0	800	



Snap hook



**Jaw SF312P**

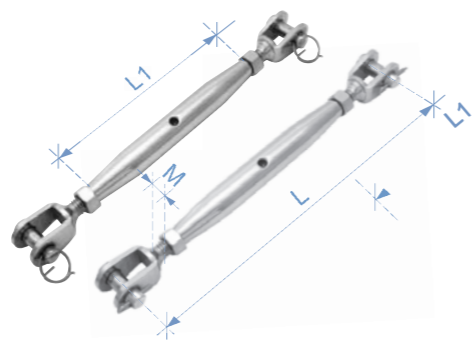
**Technical Data**

Forging material : AISI316 - DIN 1.4401  
 Production : SF312P - Jaw - Forged  
 Accessory - See chart  
 Surface treatment : "M.F." (Matte finished)

**Field of application**

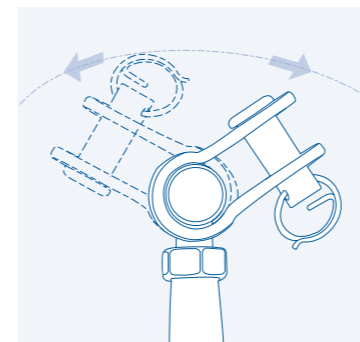
Pipe turnbuckles, jaw and jaw are designed for circular appearance of turnbuckle while concealing the threads within the pipe for aesthetic reasons.

**Note:**<sup>(1)</sup> Standard safety factor for working load is 1/4 of breaking load.



**M SF312P**  
 Pipe turnbuckle,  
 jaw and jaw

Item no.	SF312P	SIZE	L	L1	M	Accessory	B.L. <sup>(1)</sup>
Material	SS316	(mm)	(mm)	(mm)	(thread)		(kgs)
	HT63120505	5	115	80	M5	Ring	750
	HT63120506	6	142	90	M6	Ring	1,400
	HT63120508	8	160	105	M8	Ring	2,200
	HT63120510	10	200	125	M10	Ring	3,450
	HT63120512	12	245	150	M12	Ring	5,000
	HT63120514	14	280	165	M14	Cotter pin	6,400



**S312/5**  
 Pipe turnbuckle,  
 toggle and toggle



**S312/5**

**Technical Data**

Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S312/5 - Swivel toggle - Cast  
 Jaw - Forged  
 Accessory - See chart  
 Surface treatment : "M.F." (Matte finished)

**Field of application**

Pipe turnbuckles, toggle and jaw are designed for circular appearance of turnbuckle while concealing the threads within the pipe for aesthetic reasons.



**S3125**

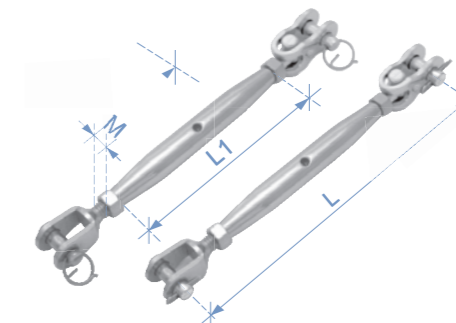
**Technical Data**

Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S3125 - Toggle - Cast  
 Accessory - See chart  
 Surface treatment : "M.F." (Matte finished)

**Field of application**

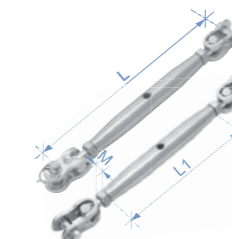
Pipe turnbuckles, toggle and toggle are designed for circular appearance of turnbuckle while concealing the threads within the pipe for aesthetic reasons.

**Note:**<sup>(2)</sup> Standard safety factor for working load is 1/4 of breaking load.



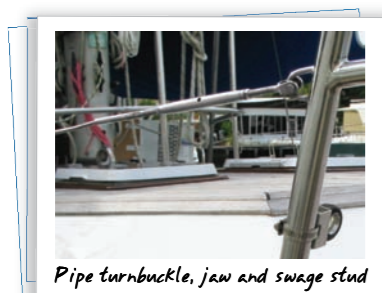
**M S312/5**  
 Pipe turnbuckle,  
 toggle and jaw

Item no.	S312/5	SIZE	L	L1	M	Accessory	B.L. <sup>(2)</sup>
Material	SS316	(mm/inch)	(mm)	(mm)	(thread)		(kgs)
	HT63124005	5	124	80	M5	Ring	500
	HT63124006	6	150	90	M6	Ring	900
	HT63124008	8	170	105	M8	Ring	1,650
	HT63124010	10	205	125	M10	Ring	2,500
	HT63124012	12	265	150	M12	Ring	3,700
	HT63124014	14	280	165	M14	Cotter pin	5,000
	HT63121054	16	335	190	M16	Cotter pin	6,950
	HT63124020	20	375	210	M20	Cotter pin	9,600
	HT63124613	3/16"	124	80	3/16"	Ring	500
	HT63124401	1/4"	150	90	1/4"	Ring	900
	HT63124615	5/16"	170	105	5/16"	Ring	1,650
	HT63124803	3/8"	205	125	3/8"	Ring	2,500
	HT63124201	1/2"	265	150	1/2"	Ring	3,700
	HT63124805	5/8"	335	190	5/8"	Cotter pin	6,950

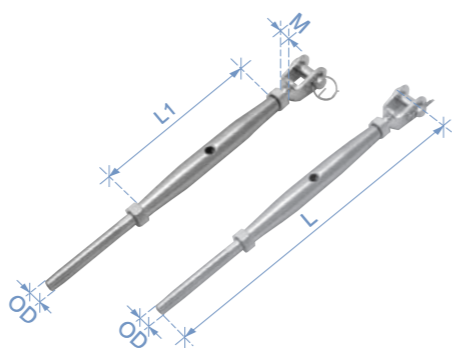


**M S3125**  
 Pipe turnbuckle,  
 toggle and toggle

Item no.	S3125	SIZE	L	L1	M	Accessory	B.L. <sup>(2)</sup>
Material	SS316	(mm)	(mm)	(mm)	(thread)		(kgs)
	HT63121052	5	131	80	M5	Ring	500
	HT63125006	6	148	90	M6	Ring	900
	HT63125008	8	180	105	M8	Ring	1,650
	HT63125010	10	220	125	M10	Ring	2,500
	HT63125012	12	258	150	M12	Ring	3,700
	HT63121061	14	295	165	M14	Cotter pin	5,000
	HT63125016	16	335	190	M16	Cotter pin	6,950
	HT63125020	20	385	210	M20	Cotter pin	9,600



Pipe turnbuckle, jaw and swage stud



Item no.	SF3121P	SIZE	L	L1	M	OD	Dia Ø Cable	Accessory	B.L. (2)
Material	SS316	(mm/inch)	(mm)	(mm)	(thread)	(mm)	(mm)		(kgs)
	HT63121016	6	170	90	M6	6.30	3.0	Ring	1,000
	HT63121018	8	205	105	M8	7.50	4.0	Ring	1,400
	HT23121068	2*M5	151.5	80	M5	5.50	2.5	Ring	600
	HT63121122	3*M5	142	80	M5	6.30	3.0	Ring	600
	HT63121050	4*M6	185	90	M6	7.50	4.0	Ring	1,000
	HT63121064	5*M8	210	105	M8	9.10	5.0	Ring	1,400
	HT63121098	8*M12	303	150	M12	16.10	8.0	Ring	4,500



**SF3121P**

**Technical Data**  
 Forging material : AISI316 - DIN 1.4401  
 Production : S3121P - Jaw - Forged  
 Terminal - Forged  
 Nut - Cast  
 Accessory - See chart  
 Surface treatment : "M.F." (Matte finished)

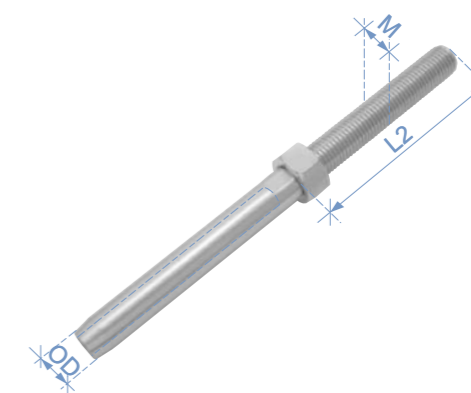
**Field of application**

Pipe turnbuckles, jaw and swage stud are designed for tightening of one loose end to a wire rope. The wire rope must be swaged properly with a swaging machine.

**Note:**<sup>(2)</sup> Standard safety factor for working load is 1/4 of breaking load.



Threaded stud terminal



**SF7801**  
Right threaded stud terminal



**SF7801**

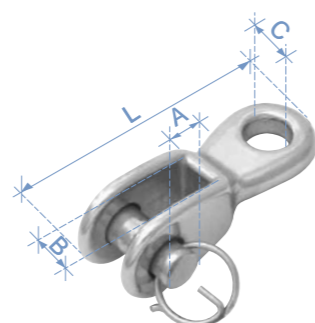
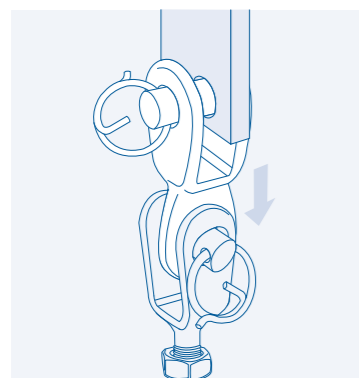
**Technical Data**  
 Forging material : AISI316 - DIN 1.4401  
 Production : SF7801 - Stud - Forged  
 Surface treatment : "M.F." (Matte finished)

**Field of application**

Right threaded stud terminals are designed for loose wire rope ends. Terminals must be properly swaged with swaging machine.

**Standard (1)**

Item no.	SF7801	SIZE	Dia Ø cable	L	L1	L2	M	OD
Material	SS316	(mm/inch)	(mm/inch)	(mm)	(mm)	(mm)	(thread)	(mm)
	HT67801012	2.5*M5	2.5	86	35	40	M5	5.5
	HT67801068	3*M5	3	80	32	40	M5	6.3
	HT67801020	3*M6	3	97	38	48	M6	6.3
	HT67801050	4*M6	4	110	45	48	M6	7.5
	HT67801021	4*M8	4	115	45	54	M8	7.5
	HT67801095	5*M8	5	128	51	57	M8	9.1
	HT67801026	5*M10	5	128	52	61	M10	9.1
	HT67801144	5/32"*M6	5/32"	108	48	48	M6	7.5
	HT67801152	5/32"*M8	5/32"	116	48	56	M8	7.5
	HT67801153	3/16"*M10	3/16"	132	53	67	M10	9.1
	HT67801154	1/4"*M10	1/4"	148	65	67	M10	12.5
	HT67801180	1/4"*M12	1/4"	162	65	81	M12	12.5
	HT67801219	5/16"*M12	5/16"	182	83	81	M12	16.1



**S3400**  
Turnbuckle toggle

Item no.	S3400	SIZE	ØA	B	ØC	L	Pin	B.L. (1)
Material	SS316	(mm)	(mm)	(mm)	(mm)	(mm)		(kgs)
	HT63400005	5	5.0	5.5	5.3	35	Forged	1,000
	HT63400006	6	6.0	6.5	6.8	41	Forged	1,250
	HT63400008	8	8.0	9.0	8.5	49	Forged	1,700
	HT63400010	10	9.0	11.0	10.0	58	Forged	3,100
	HT63400012	12	12.0	12.0	13.2	78	Forged	4,650



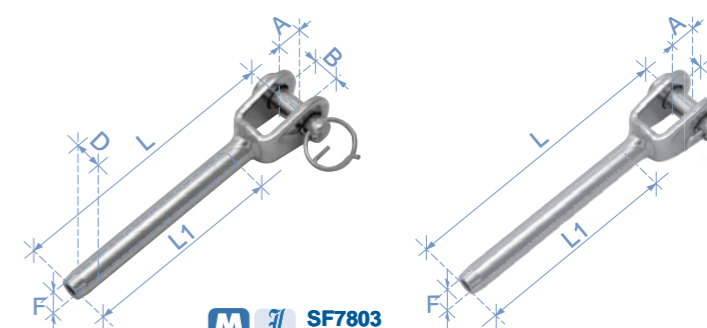
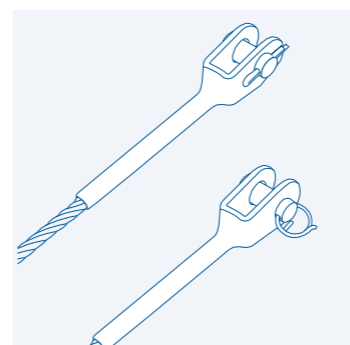
**S3400**

**Technical Data**  
 Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S3400 - Toggle - Cast  
 Pin - See chart  
 Surface treatment : "E.P." (Electro polished)

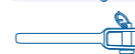
**Field of application**

Turnbuckle toggles are designed to be inserted into jaw of any corresponding size of turnbuckle for 180 degrees movement.

**Note:**<sup>(1)</sup> Standard safety factor for working load is 1/4 of breaking load.



**SF7803**  
Swage fork



**SF7803**

**Technical Data**  
 Forging material : AISI316 - DIN 1.4401  
 Production : SF7803 - Jaw - Cast  
 Pin - Forged  
 Accessory - See chart  
 Surface treatment : "E.P." (Electro polished)

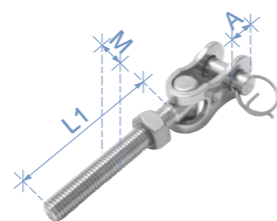
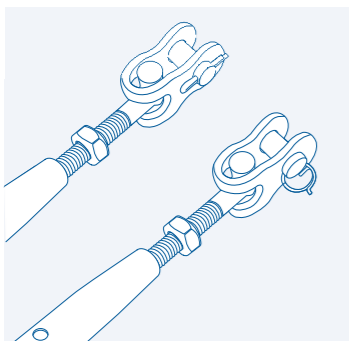
**Field of application**

Swage forks are designed for swaging of a loose end wire rope. Wire must be properly swaged by using a swaging machine.

Item no.	SF7803	SIZE	ØA	B	ØD	Dia ØCable	ØF	L	L1	Accessory	B.L. (1)
Material	SS316	(mm/inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		(kgs)
	HT67803002	2.0	5.00	7.0	5.53	2.0	2.20	53.5	32	Ring	700
	HT67803025	2.5	5.00	7.0	5.53	2.5	2.70	62.0	35	Ring	700
	HT67803003	3.0	6.00	8.0	6.35	3.0	3.30	68.0	38	Ring	1,250
	HT67803004	4.0	8.00	11.0	7.54	4.0	4.30	77.0	45	Ring	1,800
	HT67803005	5.0	9.00	12.0	9.12	5.0	5.30	87.0	51	Ring	2,650
	HT67803006	6.0	12.00	14.5	12.54	6.0	6.35	109.0	64	Ring	4,000
	HT67803007	7.0	12.00	14.5	14.30	7.0	7.30	116.0	70	Ring	5,800
	HT67803008	8.0	14.28	15.0	16.13	8.0	8.40	148.0	80	Cotter pin	6,500
	HT67803010	10.0	16.00	17.0	17.85	10.0	10.50	164.0	100	Cotter pin	9,000
	HT67803012	12.0	19.00	20.0	21.44	12.0	12.50	215.0	144	Cotter pin	11,000
	HT67803114	14.0	25.00	30.0	25.00	14.0	14.90	285.0	168	Cotter pin	13,000
	HT67803116	16.0	25.00	30.0	28.17	16.0	17.10	313.0	192	Cotter pin	18,000



Swage fork



**M** B3125/L  
Metric Left threaded toggle

Item no.	B3125/L	SIZE	ØA (mm)	B (mm)	L (mm)	L1 (mm)	M (mm)	Accessory	B.L. <sup>(2)</sup> (kgs)
Material	SS316								
	HT63125055	M5	5.00	6	63	42	M5	Ring	500
	HT63125066	M6	6.00	7	72	48	M6	Ring	900
	HT69312580	M8	8.00	10	88	56	M8	Ring	1,650
	HT69312501	M10	9.00	12	106	67	M10	Ring	2,500
	HT69312521	M12	12.00	13	125	81	M12	Ring	3,700



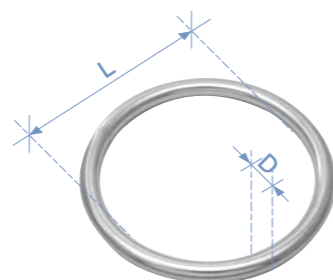
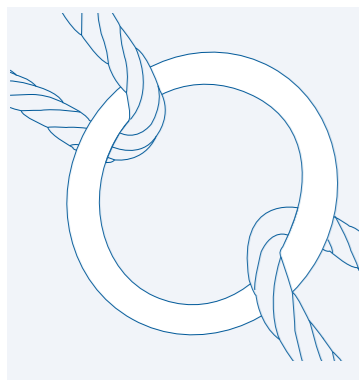
**B3125/L, B3125/R**

**Technical Data**  
 Forging material : AISI316 - DIN 1.4401  
 Production : B3125/L - Toggle - Forged  
 Accessory - See chart  
 B3125/R - Toggle - Forged  
 Accessory - See chart  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

Threaded toggles are designed for assembly with the turnbuckles or other fittings together. Selection of left hand or right hand thread must be carefully checked.

**Note:**<sup>(2)</sup> Standard safety factor for working load is 1/4 of breaking load.



**M** SF317  
Metric Round ring

**SF317**

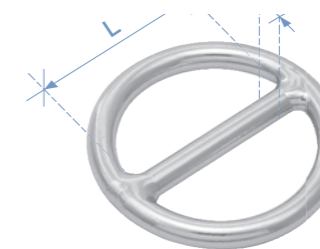
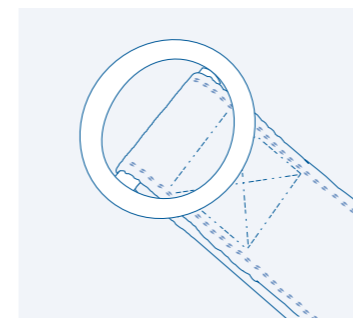
**Technical Data**  
 Forging material : AISI304 - DIN 1.4301/  
 AISI316 - DIN 1.4401  
 Production : SF317 - Ring - Welded  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

Round rings are designed for assembly into many fittings. Rings are all made by TIG Argon welding.

**Note E1 :** Breaking load is described as the load point where welding fails. Deformation load is however lower and is dependent on the diameter of rod and circumference of ring. A general rule is to assume deformation load at around 1/5 of breaking load.

Item no.	SF317	SIZE	ØD (mm)	L (mm)	B.L. <sup>(1)</sup> (kgs)
Material	SS316				
	HT63170315	3*15	3	15	650
	HT63170325	3*25	3	25	650
	HT63170335	3*35	3	35	650
	HT63170425	4*25	4	25	1,000
	HT63170435	4*35	4	35	1,000
	HT63170525	5*25	5	25	1,000
	HT63170535	5*35	5	35	2,000
	HT63170550	5*50	5	50	2,000
	HT63170565	5*65	5	65	2,000
	HT63170630	6*30	6	30	2,700
	HT63170645	6*45	6	45	2,700
	HT63170655	6*55	6	55	2,700
	HT63170680	6*80	6	80	2,700
	HT63170830	8*30	8	30	5,000
	HT63170840	8*40	8	40	5,000
	HT63170850	8*50	8	50	5,000
	HT63170860	8*60	8	60	5,000
	HT63170870	8*70	8	70	5,000
	HT63171040	10*40	10	40	8,500



**M** SF3171  
Metric Round ring (center cross bar)

**SF3171**

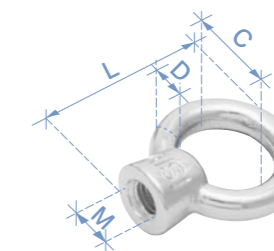
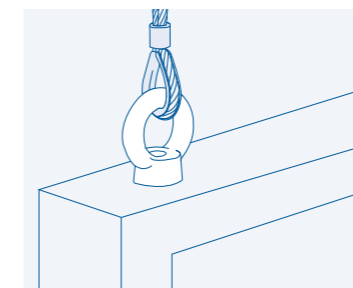
**Technical Data**  
 Forging material : AISI316 - DIN 1.4401  
 Production : SF3171 - Ring - Welded  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

Round rings (center cross bar) are designed for assembly into many fittings. Rings are all made by TIG Argon welding.

**Note:**<sup>(1)</sup> See Note - E1 on page E1

Item no.	SF3171	SIZE	D (mm)	L (mm)	B.L. <sup>(1)</sup> (kgs)
Material	SS316				
	HT63171640	6*40	6	40	2,700
	HT63171850	8*50	8	50	5,000
	HT63171960	9*60	9	60	6,200
	HT63171106	10*60	10	60	8,500
	HT63171108	10*80	10	80	8,500
	HT63171126	12*65	12	65	10,000



**M** S3061  
Metric Imperial Lifting eye nut - SUS type

**S3061**

**Technical Data**  
 Casting material : AISI304 - DIN 1.4308  
 AISI316 - DIN 1.4408  
 Production : S3061 - Nut - Cast  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

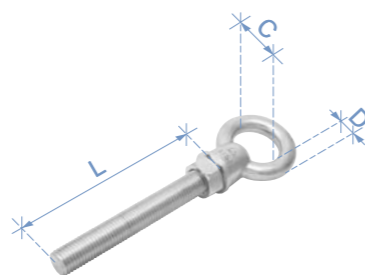
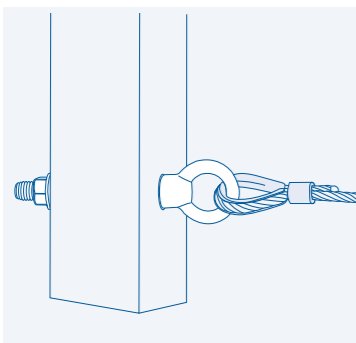
Lifting eye nuts - SUS type are designed for screw into all types of threaded rods, specially designed for lifting of objects.

**Note:**<sup>(1)</sup> Standard safety factor for working load is 1/4 of breaking load.

Item no.	S3061	SIZE	ØC (mm)	ØD (mm)	L (mm)	M (thread)	B.L. <sup>(1)</sup> (kgs)
Material	SS316						
	HT63061006	6	16	5.0	31.0	M6	1,100
	HT63061008	8	20	6.2	39.3	M8	1,300
	HT63061010	10	25	8.0	48.0	M10	2,600
	HT63061012	12	30	10.0	61.0	M12	3,500







**Metric Imperial** **S307**  
Lifting eye bolt (with washer and nut)

**S307**

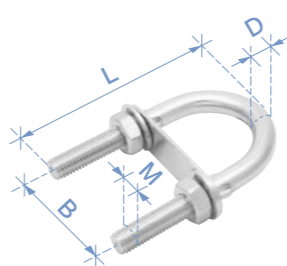
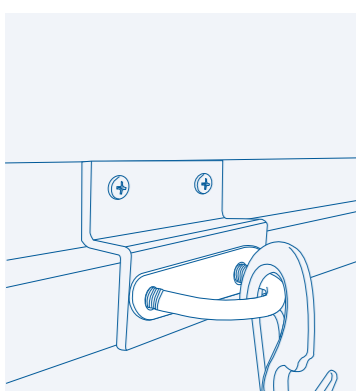
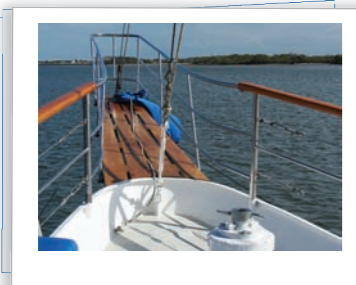
**Technical Data**  
Casting material : AISI304 - DIN 1.4308/  
AISI316 - DIN 1.4408  
Forging material : AISI304 - DIN 1.4301/  
AISI316 - DIN 1.4401  
Production : S307 - Thread - Forged  
Bolt - Cast  
Surface treatment : "E.P." (Electro polished)

**Field of application**

Lifting eye bolt (with washer and nut) for better gripping during assembly. Threaded rod are TIG Argon welded to the casting eye.

**Note:**<sup>(1)</sup> Standard safety factor for working load is 1/4 of breaking load.

Item no.	S307	SIZE	ØC	ØD	L	B.L. <sup>(1)</sup>
Material	SS316	(mm/inch)	(mm)	(mm)	(mm)	(kgs)
HT63070640	06040	16	5.0	40	1,100	
HT63070660	06060	16	5.0	60	1,100	
HT63070680	06080	16	5.0	80	1,100	
HT63070610	06100	16	5.0	100	1,100	
HT63070828	08028	20	6.2	28	1,300	
HT63070838	08038	20	6.2	38	1,300	
HT63070860	08060	20	6.2	60	1,300	
HT63070864	08064	20	6.2	64	1,300	
HT63070880	08080	20	6.2	80	1,300	
HT63070810	08100	20	6.2	100	1,300	
HT63070812	08120	20	6.2	120	1,300	
HT63071005	10050	25	8.0	50	2,600	
HT63071080	10080	25	8.0	80	2,600	
HT63071010	10100	25	8.0	100	2,600	
HT63071012	10120	25	8.0	120	2,600	
HT63071014	10140	25	8.0	140	2,600	
HT63071016	10160	25	8.0	160	2,600	
HT63071020	10200	25	8.0	200	2,600	
HT63071210	12100	30	10.0	100	3,500	
HT63071212	12120	30	10.0	120	3,500	
HT63071214	12140	30	10.0	140	3,500	
HT63072100	12150	30	10.0	150	3,500	
HT63071216	12160	30	10.0	160	3,500	
HT63071217	12165	30	10.0	165	3,500	
HT63071218	12180	30	10.0	180	3,500	
HT63071220	12200	30	10.0	200	3,500	
HT63071675	16075	35	12.5	75	8,000	
HT63071670	16100	35	12.5	100	8,000	



**Metric** **SF413**  
U-bolt (with washer and nut)

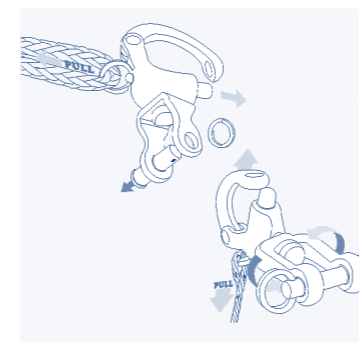
**SF413**

**Technical Data**  
Forging material : AISI304 - DIN 1.4301/  
AISI316 - DIN 1.4401  
Production : SF413 - Bolt - Forged  
Surface treatment : "E.P." (Electro polished)

**Field of application**

U-bolts (with washer and nut) are designed for assembly onto a flat panel and serve as a pulling ring.

Item no.	SF413	SIZE	B	D	L	L1	M
Material	SS316	(mm)	(mm)	(mm)	(mm)	(mm)	(thread)
HT64130460	4*60	30	4	62	30	M4	
HT64130580	5*80	35	5	78	40	M5	
HT64130690	6*90	35	6	90	45	M6	
HT64130880	8*80	35	7	80	40	M8	
HT64130810	8*100	35	7	100	50	M8	
HT64131090	10*90	50	10	90	40	M10	
HT64131013	10*130	50	10	130	55	M10	
HT64131215	12*150	60	12	150	65	M12	



**S2478, S2482**

**Technical Data**  
Casting material : AISI316 - DIN 1.4408  
Forging material : AISI316 - DIN 1.4401  
Production : S2478, S2482

Shackle - Cast  
Swivel - Cast  
Pin - Forged

Surface treatment : "E.P." (Electro polished)

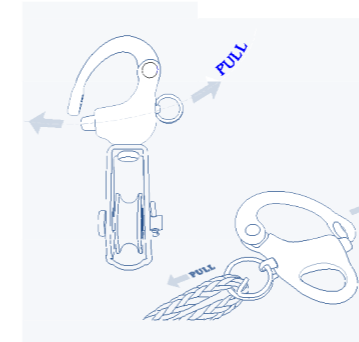
**Field of application**

Snap shackles (stamped swivel jaw) and Snap shackle (cast swivel jaw) are designed for application where a simple light load version of a quick open/assembly pin is required.

Snap shackles (cast swivel eye) are designed for applications where a free swivel action end is required.



Snap shackle (stamped swivel jaw)



**S2483**

**Technical Data**  
Casting material : AISI316 - DIN 1.4408  
Forging material : AISI316 - DIN 1.4401  
S2483

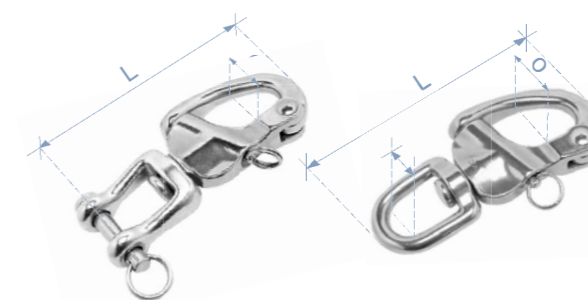
Shackle - Cast  
Pin - Forged

Surface treatment : "E.P." (Electro polished)

**Field of application**

Snap shackle heads and Fixed snap shackles are designed for applications where a permanent non-swivel action end is required. Snap shackle head are designed for assembly with external parts such as ball bearing blocks.

**Note:**<sup>(1)</sup> Standard safety factor for working load is 1/4 of breaking load.

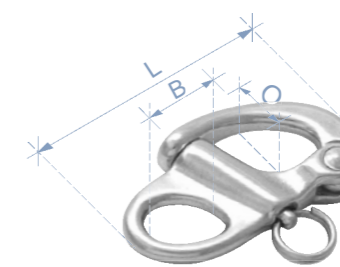


**Metric** **S2478**  
Snap shackle  
(cast swivel jaw)

**Metric** **S2482**  
Snap shackle  
(cast swivel eye)

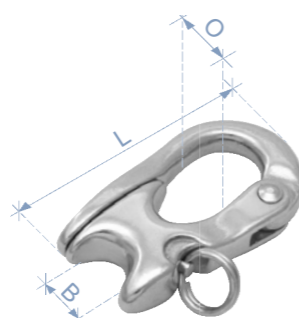
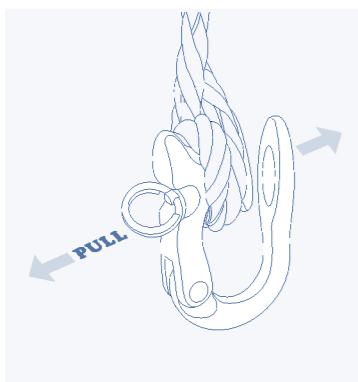
Item no.	S2478	SIZE	B	L	O	B.L. <sup>(2)</sup>
Material	SS316		(mm)	(mm)	(mm)	(kgs)
HT62478170	1	13	70	14	1,100	
HT62478288	2	13	87	20	2,000	
HT62478313	3	22	127	27	3,500	

Item no.	S2482	SIZE	B	L	O	B.L. <sup>(3)</sup>
Material	SS316		(mm)	(mm)	(mm)	(kgs)
HT62482001	1	12	67	14	1,100	
HT62482021	2	16	87	20	2,000	
HT62482304	3	22	126	27	3,500	



**Metric** **S2483**  
Fixed snap shackle

Item no.	S2483	SIZE	B	L	O	B.L. <sup>(3)</sup>
Material	SS316		(mm)	(mm)	(mm)	(kgs)
HT62483000	0	6.5	32	9	400	
HT62483001	1	16.0	56	12	1,100	
HT62483322	2	21.0	70	19	2,000	
HT62483333	3	21.0	102	25	3,500	



**M** S2464/S2466/S2468  
Snap shackle

**S2464, S2466, S2468**

**Technical Data**

Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 : S2464, S2466, S2468  
 Shackle - Cast

Surface treatment : "E.P." (Electro polished)

**Field of application**

Snap shackles are designed for marine application where a rope friendly end with a quick release lever is required.

**Note:**<sup>(2)</sup> Standard safety factor for working load is 1/4 of breaking load.

**Note:**<sup>(3)</sup> Standard safety factor for working load is 1/4 of breaking load.

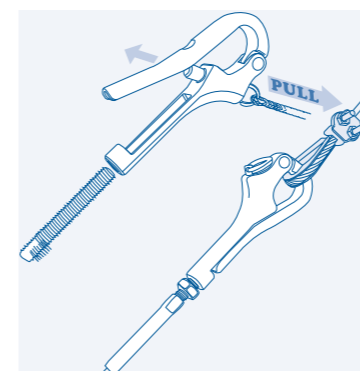
Item no.	S2464	SIZE	B	L	O	B.L. <sup>(3)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
	HT62464052	52	12	52	10	830

Item no.	S2466	SIZE	B	L	O	B.L. <sup>(3)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
	HT62466066	66	15	66	14	1,850

Item no.	S2468	SIZE	B	L	O	B.L. <sup>(3)</sup>
Material	SS316	(mm)	(mm)	(mm)	(mm)	(kgs)
	HT62468096	96	25	96	18	3,500

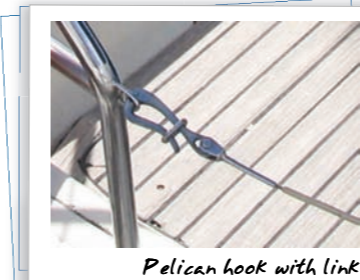


**S2831-4**

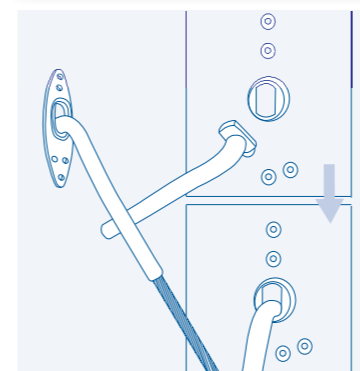
**Technical Data**

Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : S2831 - Hook - Cast  
 : S2831-3, S2831-4, S2831-6  
 S2831-3, S2831-4, S2831-6  
 Hook - Cast  
 Terminal - Forged

Surface treatment : "E.P." (Electro polished)  
 DU  
 - Dishes hand thread



*Pelican hook with link*



**SF8282, SF510,**

**Technical Data**

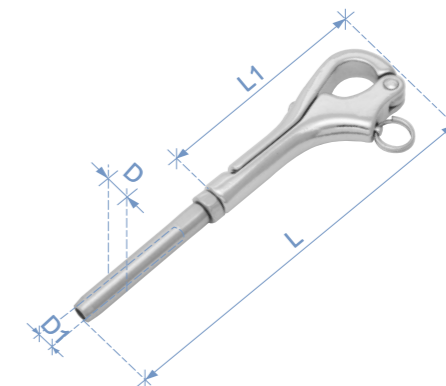
Casting material : AISI316 - DIN 1.4408  
 Forging material : AISI316 - DIN 1.4401  
 Production : SF8282 - Terminal Plate - Forged  
 : SF510 - Terminal Plate - Forged  
 Surface treatment : "E.P." (Electro polished)

**Field of application**

T-terminal and T-plate must be correctly chosen for the fittings to work properly on yacht mast assemblies.

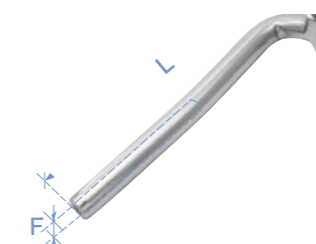


*T-terminal*



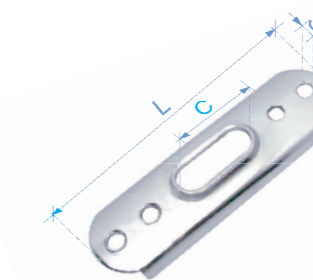
**M** S2831-3,4,16 / S283113, S283114  
Pelican hook with stud terminal

Item no.	S2831-4	SIZE	ØD	D1	L	L1	Dia Ø Cable
Material	SS316	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
	HT62831414	0414	7.54	4.30	168	100	4
	HT62831514	0514	9.08	5.30	176	100	5
	HT62831614	0614	12.52	6.35	183	100	6
	HT62831814	0814	16.13	8.40	213	100	8



**M** SF8282  
T - terminal

Item no.	SF8282	SIZE	ØD	ØF	L
Material	SS316	(mm)	(mm)	(mm)	(mm)
	HT68282003	3	6.35	3.30	83
	HT68282004	4	7.54	4.30	101
	HT68282005	5	9.08	5.30	112
	HT68282006	6	12.52	6.35	138
	HT68282007	7	14.25	7.30	144
	HT68282008	8	16.13	8.30	184
	HT68282010	10	17.85	10.50	208



**M** SF510  
T - plate (type 1)

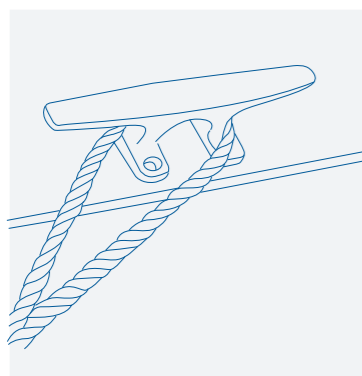
Item no.	SF510	SIZE	C	L	ØS
Material	SS316	(mm)	(mm)	(mm)	(mm)
	HT65107180	7*18	18.0	60	4.2
	HT65109526	9.5*26	26.0	88	5.2
	HT65101534	15*34.5	34.5	123	6.3



*Fixed snap shackle*



*Snap shackle (cast swivel eye)*



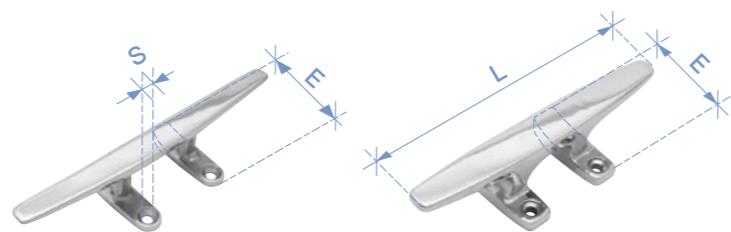
**S505, S505H**

**Technical Data**

Casting material : AISI316 - DIN 1.4408  
 Production : S505 - Cleat - Cast  
 S505H - Cleat - Cast  
 Surface treatment : "M.P." (Mirror polished)

**Field of application**

Trim line cleats are manufactured with highest precision in casting material to avoid any rust during sea application.  
 Trim line cleats - heavy type are manufactured with highest precision in casting material to avoid any rust during sea application.

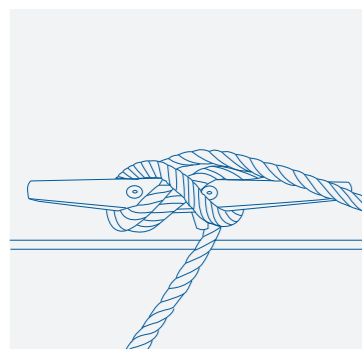


**S505**  
Trim line cleat

**S505H**  
Trim line cleat - heavy type

Item no.	S505	SIZE (inch)	E (mm)	L (mm)	ØS (mm)
Material	SS316				
	HT65050004	4"	36.0	100	4.5
	HT65050005	5"	46.0	125	5.5
	HT65050006	6"	53.0	150	6.5
	HT65050008	8"	68.0	200	8.5
	HT65050010	10"	82.5	250	8.5
	HT65050012	12"	82.5	300	8.5

Item no.	S505H	SIZE (inch)	E (mm)	L (mm)	ØS (mm)
Material	SS316				
	HT65055060	6"	56.0	150	6.0
	HT65055007	7"	60.0	180	6.0



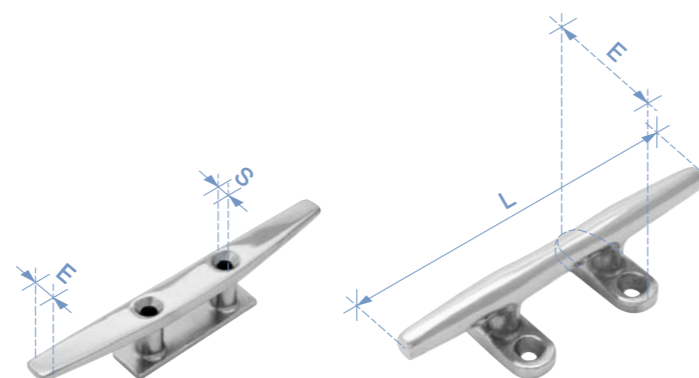
**S507, S508**

**Technical Data**

Casting material : AISI316 - DIN 1.4408  
 Production : S507 - Cleat - Cast  
 S508 - Cleat - Cast  
 Surface treatment : "M.P." (Mirror polished)

**Field of application**

Blue water cleats are manufactured with highest precision in casting material to avoid any rust during sea application.  
 Low flat cleats are manufactured with highest precision in casting material to avoid any rust during sea application.



**S507**  
Blue water cleat

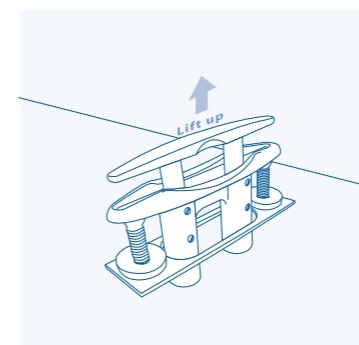
**S508**  
Low flat cleat

Item no.	S507	SIZE (inch)	E (mm)	L (mm)	ØS (mm)
Material	SS316				
	HT65070004	4"	8	100	4.5
	HT65070005	5"	9	125	5.5
	HT65070006	6"	12	150	6.5
	HT65070008	8"	15	200	8.5
	HT65070010	10"	16	250	8.5

Item no.	S508	SIZE (inch)	E (mm)	L (mm)	ØS (mm)
Material	SS316				
	HT65080004	4"	35	100	4.5
	HT65080005	5"	42	125	5.5
	HT65080006	6"	45	150	6.5
	HT65080008	8"	54	200	6.5
	HT65080010	10"	68	255	8.0
	HT65080012	12"	71	300	8.0
	HT65080015	15"	115	380	12.5



Low flat cleat



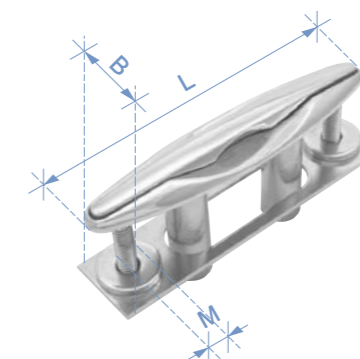
**S301**

**Technical Data**

Casting material : AISI316 - DIN 1.4408  
 Production : S301 - Cleat - Cast  
 Surface treatment : "M.P." (Mirror polished)

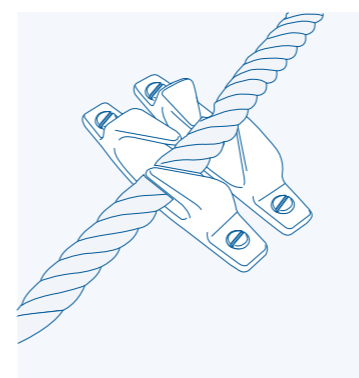
**Field of application**

Pull up cleats are designed for assembly onto motorboats with internal rest settings for a trim line appearance.



**S301**  
Pull up cleat

Item no.	S301	SIZE (inch)	B (mm)	L (mm)	M (thread)
Material	SS316				
	HT63010405	4.5"	30.5	121.6	5/16"-18UNC
	HT63010600	6"	38.0	160.0	3/8"-16UNC
	HT63010800	8"	51.0	214.3	3/8"-16UNC



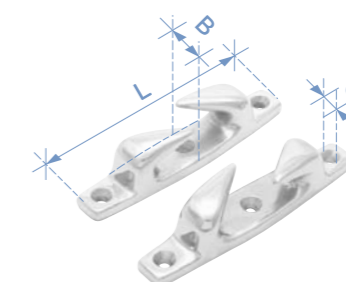
**S506L, S506R**

**Technical Data**

Casting material : AISI316 - DIN 1.4408  
 Production : S506L, S506R - Chocks - Cast  
 Surface treatment : "M.P." (Mirror polished)

**Field of application**

Skene chocks are manufactured with highest precision in casting material to avoid any rust during sea application.



**S506L, S506R**  
Skene chocks

Item no.	S506L	SIZE (inch)	B (mm)	L (mm)	S (mm)
Material	SS316				
	HT65061412	4.1/2"	23	114	5
	HT65061006	6"	34	150	6

Item no.	S506R	SIZE (inch)	B (mm)	L (mm)	S (mm)
Material	SS316				
	HT65062412	4.1/2"	23	114	5
	HT65062006	6"	34	150	6

