


STAINLESS STEEL RIGGING ACCESSORIES

Titanium hardware

Titanium Shackles


1

Part Number	Dia mm	A mm	B mm	Funct. Kg	Break Load Kg	Weight g
51203	6	20	12	1100	2100	12
51204	8	26	16	1800	3600	30



2

Part Number	Dia mm	A mm	B mm	Funct. Kg	Break Load Kg	Weight g
51245	10	47	20	2700	6000	80
51246	12	55	24	3900	8000	132



3


Part Number	Dia mm	A mm	B mm	C mm	Funct. Kg	Break Load Kg	Weight g
501433	6	45	16	15	1200	2000	32



Thimble Shackles

4


Part Number	Dia mm	A mm	B mm	C mm	D mm	Funct. Kg	Break Load Kg	Weight g
511806	12	87	20	17	20	6000	10000	220



Folding Padeyes

5

Part Number	Dia mm	D mm	A mm	B mm	C mm	Dia d mm	Funct. Kg	Break Load Kg	Weight g
56504	6	45	27	14	6,4	2000	3500	37	
56505	8	59	35	17	8,5	3400	6000	77	
56506	10	75	45	23	10,5	5700	10000	162	



Snap Shackle

6

Part Number	Length mm	A mm	B mm	Funct. Kg	Break Load Kg	Weight g
52475	90	22	14	1500	3000	92



◆ new products




"HR" shackles

High resistance stainless steel Shackles


1 D' Shackles

Part Number	Dia mm	A mm	B mm	Funct. Kg	Break Load Kg
11204	8	26	16	2200	4400
11205	10	33	20	3300	6600
11206	12	39	24	4500	9000
11207	14	49	28	6400	12800
11208	16	56	32	8500	17000
11209	20	70	40	11000	22000



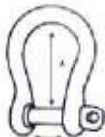
2 Long Shackle

Part Number	Dia mm	A mm	B mm	Funct. Kg	Break Load Kg
11215	10	78	20	3300	6600



3 Bear Shackles


Part Number	Dia mm	A mm	B mm	Funct. Kg	Break Load Kg
11245	10	47	20	3300	6600
11246	12	55	24	4500	9000
11240	14	63	28	6000	12000
11247	16	70	32	8500	17000
11248	20	80	40	11000	22000
11249	24	95	48	16000	32000



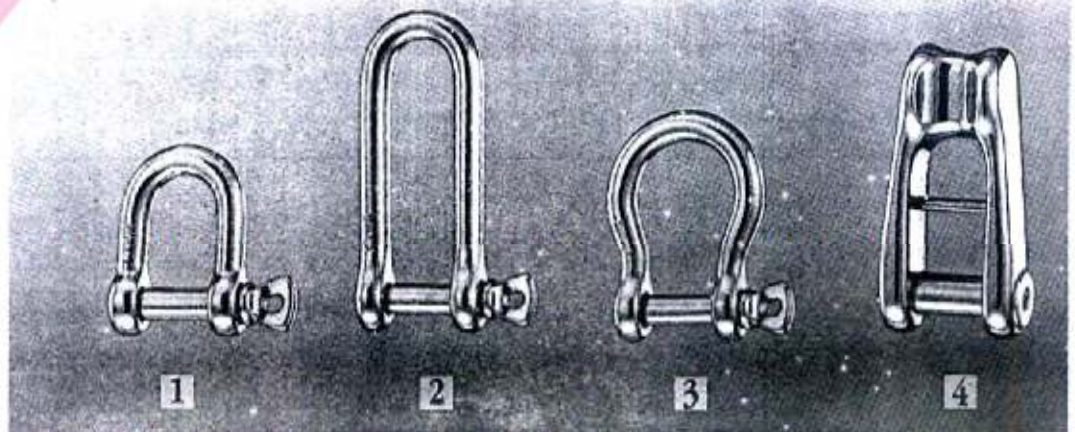
Thimble Shackle

4

Part Number	Dia mm	A mm	B mm	C mm	D mm	Funct. Kg	Break Load Kg
11806	12	87	20	17	20	6000	10000



◆ new products



STAINLESS STEEL RIGGING ACCESSORIES

RONSTAN

STAINLESS STEEL SHACKLES

MATERIAL

All shackles shown on this page are manufactured from grade 304 stainless steel, except for RF1035 which is manufactured from grade 316.

LOAD RATINGS

Ronstan shackle ratings are based upon test methods more strictly defined than those in Australian Standard AS2741-1984, providing two different ratings. The "U.D.L." (Uniformly Distributed Load) B.L. rating relates to a load applied across the full width of the shackle pin, and the "Point Load" B.L. rating relates to a point load applied at the centre or one side of the shackle pin, whichever provides the lowest load capacity. U.D.L. ratings are those that should generally be compared against ratings of other manufacturers with unspecified test methods. Point loadings result in lower load capacity due to bending of the shackle pin. If a choice of shackle pin widths is available, the narrowest shackle should always be selected.



	Product No.	D mm (in.)	L mm (in.)	W mm (in.)	U.D.L. B.L. kg (lb)	Point Load B.L. kg (lb)	Weight g (oz)	Shackle Pin No.
Standard Dee 	RF1806	4.8 (1/4)	15 (1/2)	10 (3/8)	800 (1760)	600 (1320)	5 (0.2)	-
	RF616	4.8 (1/4)	18 (3/4)	11 (7/16)	1400 (3080)	800 (1760)	15 (0.5)	RF32
	RF617	6.4 (1/2)	22 (7/8)	14 (7/16)	2300 (5060)	1400 (3080)	25 (0.9)	RF33
	RF618	7.9 (5/16)	29 (1 1/4)	17 (7/16)	3600 (7920)	2700 (5940)	50 (1.8)	RF34
	RF619*	9.5 (3/8)	40 (1 5/8)	18 (3/4)	5400 (11880)	3600 (7920)	80 (2.8)	RF35
	RF620*	12.7 (1/2)	41 (1 5/8)	19 (3/4)	7700 (16940)	7500 (16500)	130 (4.6)	RF36
	RF1035**	15.9 (5/8)	45 (1 3/4)	26 (1)	14000 (30800)	11000 (24200)	280 (9.9)	-
Standard Slotted Pin 	RF615	4.8 (1/4)	15 (1/2)	10 (3/8)	800 (1760)	600 (1320)	5 (0.2)	RF31
	RF150	4.8 (1/4)	18 (3/4)	10 (3/8)	1400 (3080)	800 (1760)	10 (0.4)	-
	RF151	6.4 (1/2)	22 (7/8)	14 (7/16)	2300 (5060)	1400 (3080)	20 (0.7)	-
	RF152	7.9 (5/16)	29 (1 1/4)	17 (7/16)	3600 (7920)	2700 (5940)	45 (1.6)	-
Long Dee 	RF621	4.0 (1/8)	26 (1)	10 (3/8)	800 (1760)	600 (1320)	10 (0.4)	-
	RF622	4.8 (1/4)	31 (1 1/4)	12 (1/2)	1400 (3080)	800 (1760)	15 (0.5)	RF32
	RF623	6.4 (1/2)	43 (1 7/8)	14 (7/16)	2300 (5060)	1400 (3080)	30 (1.1)	RF33
	RF624	7.9 (5/16)	54 (2 1/8)	17 (7/16)	3600 (7920)	2700 (5940)	60 (2.1)	RF34
	RF625*	9.5 (3/8)	59 (2 3/8)	18 (3/4)	5800 (12760)	4500 (9900)	90 (3.2)	RF35
	RF626*	12.7 (1/2)	70 (2 3/4)	19 (3/4)	7700 (16940)	7500 (16500)	155 (5.5)	RF36
Wide Dee 	RF1850	3.2 (1/8)	12 (1/2)	13 (1/2)	550 (1210)	280 (620)	5 (0.2)	-
	RF1852	4.8 (1/4)	28 (1 1/4)	21 (1 1/8)	1400 (3080)	700 (1540)	10 (0.4)	-
	RF1853	6.4 (1/2)	39 (1 5/8)	30 (1 1/8)	2300 (5060)	1100 (2420)	70 (2.5)	-
	RF639	7.9 (5/16)	51 (2)	28 (1 1/8)	3600 (7920)	2300 (5060)	95 (3.4)	-
	RF640	9.5 (3/8)	55 (2 1/8)	29 (1 1/8)	5800 (12760)	4000 (8800)	95 (3.4)	-
	RF641*	12.7 (1/2)	66 (2 5/8)	31 (1 1/8)	7700 (16940)	5500 (12100)	170 (6.0)	-
Bow 	RF613	2.5 (1/8)	13 (1/2)	9.0 (3/8)	400 (880)	400 (880)	5 (0.2)	-
	RF633	4.8 (1/4)	14.5 (1/2)	13 (1/2)	800 (1760)	600 (1320)	5 (0.2)	-
	RF634	4.8 (1/4)	17 (7/8)	14 (7/16)	1400 (3080)	800 (1760)	10 (0.4)	RF32
	RF635	6.4 (1/2)	21 (1 1/8)	19 (3/8)	2300 (5060)	1400 (3080)	20 (0.7)	RF33
	RF636	7.9 (5/16)	27 (1 1/4)	22 (7/8)	3600 (7920)	2700 (5940)	45 (1.6)	-
	RF638*	7.9 (5/16)	27 (1 1/4)	22 (7/8)	3600 (7920)	2700 (5940)	45 (1.6)	-
	RF637*	9.5 (3/8)	51 (2)	36 (1 3/8)	5800 (12760)	4500 (9900)	90 (3.2)	RF35
Narrow 	RF614***	4.8 (1/4)	19 (3/4)	8 (5/16)	1400 (3080)	1400 (3080)	5 (0.2)	-
Lightweight Dee 	RF707	4.8 (1/4)	17 (7/8)	13 (1/2)	1200 (2640)	700 (1540)	10 (0.4)	RF32
Formed Becket 	RF806	4.8 (1/4)	11.5 (7/16)	16 (5/8)	1100 (2420)	800 (1760)	10 (0.4)	-
	RF807	4.8 (1/4)	20 (3/4)	14 (7/16)	700 (1540)	400 (880)	10 (0.4)	-
Twisted 	RF627	4.0 (1/8)	22 (7/8)	10 (3/8)	800 (1760)	600 (1320)	5 (0.2)	-
	RF628	4.8 (1/4)	27 (1 1/4)	10.5 (3/8)	1400 (3080)	800 (1760)	15 (0.5)	RF32
	RF629	6.4 (1/2)	39 (1 5/8)	14 (7/16)	2300 (5060)	1400 (3080)	30 (1.1)	RF33
	RF630	7.9 (5/16)	48 (1 7/8)	16 (5/8)	3600 (7920)	2700 (5940)	65 (2.3)	RF34
	RF631*	9.5 (3/8)	53 (2 1/8)	16 (5/8)	5800 (12760)	4500 (9900)	90 (3.2)	RF35
	RF632*	12.7 (1/2)	64 (2 5/8)	19 (3/4)	7700 (16940)	7500 (16500)	165 (5.8)	RF36

Bow Shackles have the same "W" value at the pin as the equivalent sized Standard Dee shackle.

*** RF614 Narrow shackle has a "W" clearance at the pin of 4mm (3/16").

Note
Pin diameters "D" shown underlined denote thread size.
Imperial threads are U.N.F.

* Shackles marked with an asterisk are supplied with wire hole through shackle pin head.

** RF1035 features 20.7mm (13/16") A/F hexagonal pin head.

LOAD RATINGS: Breaking Loads (B.L.) are the typical loads at or around which failure can be expected to occur with new product. A factor of safety (minimum of 2) should be applied to the Breaking Load figures to suit each application. The factor of safety should allow for safety implications, service life, fatigue (including wave loading due to wave action and wind stresses), type of load and corrosion etc. Optional proof load testing or batch sampling can be ordered.