

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

— — — — — TOLL FREE 1800 999 885 — — — — —

BRISBANE: 35 Manton St Bulimba QLD 4171  
Telephone: (07) 3899 2933 • Fax (07) 3899 2976  
Email Address: atlas@uq.net.au



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## CONTENTS:

## Page

Alloy Lifting Chain & Fittings . . . . . 1-17

Chain - Short link, Standard Link & Transport with fittings . 18-20

Chain - Stud Link and Fittings. . . . . 21-25

Anchors . . . . . 26

Shackles, Round Polyester Slings, Flat Webbing Slings . . . . 27-30

Height & Safety . . . . . 31

Lever Blocks, Chain Block & Clamps . . . . . 32-35

Wire Rope & Fittings . . . . . 36-46

Stainless Steel Balustrade with Stainless Steel Fittings . . . 47-51

Fibre Rope . . . . . 52-53

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## COMPARISON ROPE TABLE FOR LAID ROPES

SIZE of ROPE	Diam mm	Circ. Inch	SISAL or MANILA				POLYPROPYLENE FILM or MULTI FILAMENT				POLYETHYLENE MONOFILAMENT				POLYETHYLENE SILVER STAPLE				NYLON (POLYAMIDE) MULTI FILAMENT				POLYESTER MULTI FILAMENT			
			Approx. Weight Rope m/kg	ft/lb	Approx. Breaking Force kN	Tonf	Approx. Weight Rope m/kg	ft/lb	Approx. Breaking Force kN	Tonf	Approx. Weight Rope m/kg	ft/lb	Approx. Breaking Force kN	Tonf	Approx. Weight Rope m/kg	ft/lb	Approx. Breaking Force kN	Tonf	Approx. Weight Rope m/kg	ft/lb	Approx. Breaking Force kN	Tonf	Approx. Weight Rope m/kg	ft/lb	Approx. Breaking Force kN	Tonf
3	3/8		76	113	1.4	.14	187	279	1.5	.15	224	334	1.0	.10	217	323	1.1	.11	140	209	1.8	.18	122	182	1.7	.17
4	1/2		113	166	2.1	.21	279	418	2.4	.24	354	534	1.6	.16	274	418	2.6	.26	196	294	2.7	.27	182	274	2.7	.27
5	5/8		166	247	3.0	.30	418	625	3.3	.33	428	641	2.2	.22	339	511	3.7	.37	266	401	3.9	.39	274	418	3.8	.38
6	3/4		247	365	4.4	.44	625	938	4.5	.45	561	841	3.3	.33	428	641	4.9	.49	311	466	5.5	.55	354	534	5.3	.53
7	7/8		365	544	6.3	.63	938	1407	6.3	.63	841	1258	5.3	.53	625	938	6.3	.63	401	601	7.5	.75	466	701	7.1	.71
8	1		544	812	8.9	.89	1407	2126	8.5	.85	1011	1518	6.8	.68	1011	1518	8.5	.85	466	701	10.0	1.0	534	812	9.3	.93
9	1 1/8		812	1212	12.7	1.27	2126	3207	12.7	1.27	1518	2277	10.6	1.06	1518	2277	12.7	1.27	601	901	12.5	1.25	641	966	11.6	1.2
10	1 1/4		1212	1818	18.0	1.8	3207	4812	18.0	1.8	2277	3437	15.0	1.5	2277	3437	18.0	1.8	701	1051	15.5	1.55	741	1112	14.0	1.4
12	1 1/2		1818	2727	25.5	2.55	4812	7218	25.5	2.55	3437	5157	20.0	2.0	3437	5157	25.5	2.55	901	1351	22.0	2.2	966	1447	20.0	2.0
14	1 3/4		2727	4098	36.5	3.65	7218	10827	36.5	3.65	5157	7737	30.0	3.0	5157	7737	36.5	3.65	1112	1667	31.0	3.1	1258	1887	27.4	2.74
16	2		4098	6126	50.0	5.0	10827	16242	50.0	5.0	7737	11607	42.0	4.2	7737	11607	50.0	5.0	1351	2026	43.0	4.3	1447	2172	36.0	3.6
18	2 1/4		6126	9182	67.5	6.75	16242	24367	67.5	6.75	11607	17412	60.0	6.0	11607	17412	67.5	6.75	1667	2501	49.8	4.98	1697	2542	45.0	4.5
20	2 1/2		9182	13773	93.8	9.38	24367	36552	93.8	9.38	17412	26122	90.0	9.0	17412	26122	93.8	9.38	2026	3036	62.3	6.23	2172	3267	55.0	5.5
22	2 3/4		13773	20659	133.1	13.31	36552	54837	133.1	13.31	26122	39182	130.0	13.0	26122	39182	133.1	13.31	3036	4551	74.7	7.47	3267	4902	67.0	6.7
24	3		20659	30988	187.5	18.75	54837	82272	187.5	18.75	39182	58272	180.0	18.0	39182	58272	187.5	18.75	4551	6826	89.8	8.98	4902	7267	80.0	8.0
28	3 1/2		30988	46482	282.5	28.25	82272	123412	282.5	28.25	58272	87412	270.0	27.0	58272	87412	282.5	28.25	6826	10236	120.0	12.0	7267	10912	105.0	10.5
32	4		46482	69723	420.0	42.0	123412	185182	420.0	42.0	87412	131072	400.0	40.0	87412	131072	420.0	42.0	10236	15361	154.0	15.4	10912	16312	134.0	13.4
36	4 1/2		69723	104584	612.6	61.26	185182	277772	612.6	61.26	131072	196672	600.0	60.0	131072	196672	612.6	61.26	15361	23046	189.0	18.9	16312	24472	169.0	16.9
40	5		104584	156876	847.0	84.7	277772	418272	847.0	84.7	196672	291272	800.0	80.0	196672	291272	847.0	84.7	23046	34586	234.0	23.4	24472	36672	204.0	20.4
48	6		156876	235314	1210.0	121.0	418272	627412	1210.0	121.0	291272	437412	1100.0	110.0	291272	437412	1210.0	121.0	34586	51826	329.0	32.9	36672	54822	289.0	28.9
56	7		235314	354476	1815.0	181.5	627412	938272	1815.0	181.5	437412	656272	1600.0	160.0	437412	656272	1815.0	181.5	51826	77386	443.0	44.3	54822	81272	388.0	38.8
64	8		354476	531701	2651.0	265.1	938272	1407412	2651.0	265.1	656272	974122	2200.0	220.0	656272	974122	2651.0	265.1	77386	115486	581.0	58.1	81272	121272	498.0	49.8
72	9		531701	788584	3885.0	388.5	1407412	2126722	3885.0	388.5	974122	1447412	3200.0	320.0	974122	1447412	3885.0	388.5	115486	173826	851.0	85.1	121272	181272	627.0	62.7
80	10		788584	1168272	5621.0	562.1	2126722	3207412	5621.0	562.1	1447412	2172722	4400.0	440.0	1447412	2172722	5621.0	562.1	173826	261226	1169.0	116.9	181272	270722	765.0	76.5

NOTE: The approximated Breaking Force given in this Table must in now way be constructed as a SAFE WORKING LOAD of the rope

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## Rope

## Manila

## Nylon

## Polyester

## Polypropylene

## Silver

## Sisal

## Eight Strand plaited Square Rope











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## CHAIN – ALLOY GRADE T(80) WORKING LOAD LIMITS FOR ALLOY CHAIN T(80) CHAIN SLINGS

Working Load limit under general conditions of use

CHAIN SIZE	SINGLE LEG SLING			SLINGS OF 2,3,OR 4 LEGS						ENDLESS SLINGS			
 mm	 Straight Sling	 Adustable Sling	 Reeved Sling	 Straight Sling			 Reeved Sling			 Basket Sling			 Reeved Sling
				60°	90°	120°	60°	90°	120°	60°	90°	120°	
Leading factors	1	0.75	0.75	1.73	1.41	1	1.3	1.06	0.75	1.3	1.06	0.75	1.5
6	1.1	0.8	0.8	1.9	1.6	1.1	1.5	1.2	0.8	1.5	1.2	0.8	1.7
7	1.5	1.1	1.1	2.6	2.1	1.5	2.0	1.6	1.1	2.0	1.6	1.1	2.3
8	2	1.5	1.5	3.5	2.8	2.0	2.6	2.1	1.5	2.6	2.1	1.5	3.0
10	3.2	2.4	2.4	5.5	4.5	3.2	4.1	3.4	2.4	4.1	3.4	2.4	4.8
13	5.3	4.0	4.0	9.2	7.5	5.3	6.9	5.6	4.0	6.9	5.6	4.0	8.0
16	8	6.0	6.0	13.8	11.3	8.0	10.4	8.5	6.0	10.4	8.5	6.0	12.0
20	12.5	9.4	9.4	21.6	17.6	12.5	16.3	13.3	9.4	16.3	13.3	9.4	18.8
22	15	11.3	11.3	26.0	21.2	15.0	19.5	15.9	11.3	19.5	15.9	11.3	22.5
26	21.2	15.9	15.9	36.7	29.9	21.2	27.6	22.5	15.9	27.6	22.5	15.9	31.8
32	31.5	23.6	23.6	54.5	44.4	31.5	41.0	33.4	23.6	41.0	33.4	23.6	47.3

The W.L.L shown in the above table is equal to the maximum Safe working Load (S.W.L) Australian Standard 3775-1990

The S.W.L at angles between 60° and 120° may be interpolated, However the W.L.L should never be exceeded, even for multi-leg slings at angles less than 60°. The angle between two intersecting load bearing components of a chain sling must NEVER exceed 120°

### REDUCTIONS IN W.L.L. DUE TO HAZARDOUS CONDITIONS – CORROSIVE ENVIRONMENT:

Alloy grade T (80) Chain and Fittings should not be used in acid or any other environment that may be corrosive.

### SURFACE FINISHES

Surface coatings of any type should be applied to Alloy Grade T(80) Chain & Fittings, except by the manufacturer. For S.W.L under these consult the manufacturer.

### EFFECTS OF HEAT

Alloy Grade T(80) Chain and Fittings will be affected by elevated temperature. The table shown below lists the S.W.L reduction required when using slings at elevated temperatures.

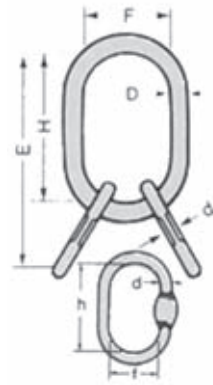
Temperature of Sling	0 - 200°	200 - 300°	300 - 400°	OVER 400°
Reduction of S.W.L required	NIL	10%	25%	NOT USABLE



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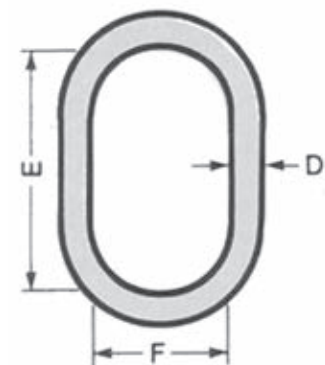
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Recessed Multi-Leg Master Oblong Link

Code	Chain Dia mm	W.L.L. kg	E mm	H mm	F mm	D mm	d mm	f mm	h mm
883707	7	2700	230	135	75	18	13	30	55
883708	8	3500	230	160	90	22	16	32	70
883710	10	5500	265	180	100	26	18	40	77
883713	13	9400	315	200	110	32	22	50	110
883716	16	14,200	400	260	140	36	26	67	140
883720	20	22,200	500	350	190	51	32	72	148

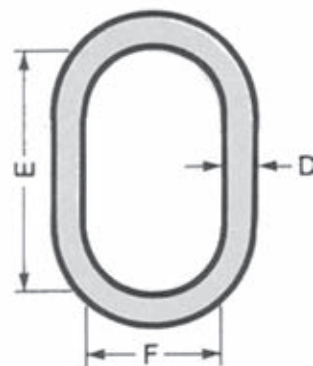


Single Master Oblong Link

Code	Chain Dia mm	W.L.L. kg	E mm	F mm	D mm
883107	7	1600	110	60	13
883108	8	2000	110	60	16
883110	10	3200	135	75	18
883113	13	5400	160	90	22
883116	16	8200	180	100	26
883120	20	12,800	260	140	36
883122	22	16,000	260	140	36
883126	26	20,600	340	180	45
883132	32	32,800	350	190	51

Larger Sizes: 36mm, 40mm, 45mm, 50mm, 56mm available on request.

Double Master Oblong Link



Code	Chain Dia mm	W.L.L. kg	E mm	F mm	D mm
883207	7	2700	110	60	16
883208	8	3500	135	75	18
883210	10	5500	160	90	22
883213	13	9400	180	100	26
883216	16	14,200	200	110	32
883220	20	22,200	300	160	40
883222	22	27,800	340	180	45
883226	26	35,800	350	190	51
883232	32	56,800	400	200	57

Larger Sizes: 36mm, 40mm, 45mm, 50mm, 56mm available on request.

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## STAINLESS STEEL FITTINGS

### HOSE CLAMPS AND COUPLINGS



FULL RANGE OF ALL  
STAINLESS HOSE CLAMPS



TO SUIT PIPE  
SIZES 40mm TO  
150mm (NOMINAL)

### SNAP SHACKLES



SWIVEL  
No's 1, 2 & 3



FIXED  
No's 1, 2 & 3



SHEET  
No's 1, 2 & 3

### PAD EYES



SADDLE  
5mm 6mm 8mm



PLATE WITH RING 6mm 8mm



DIAMOND  
6mm 8mm



SQUARE PLATE 6mm 8mm

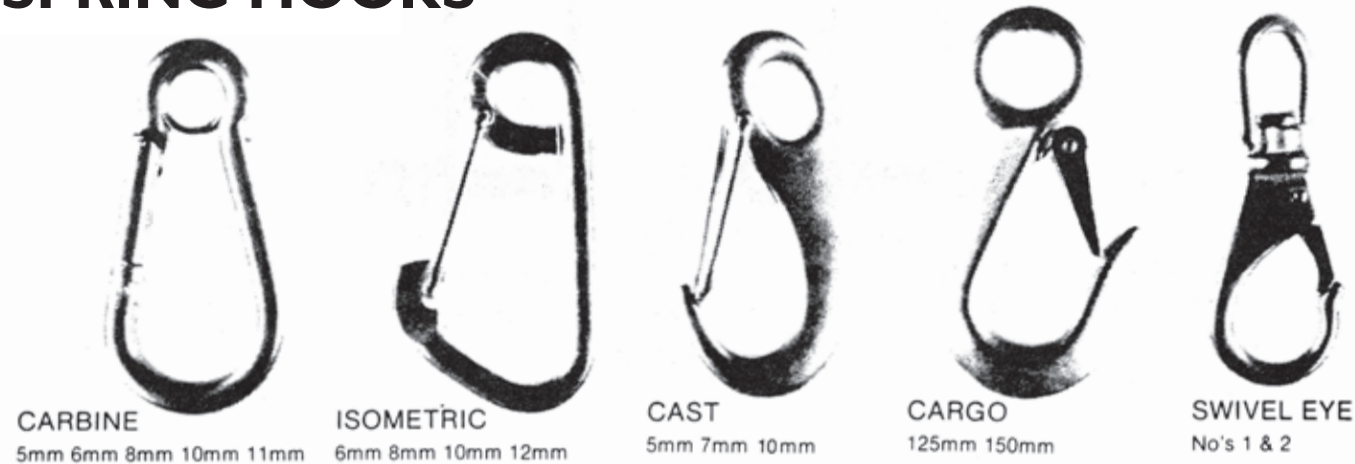
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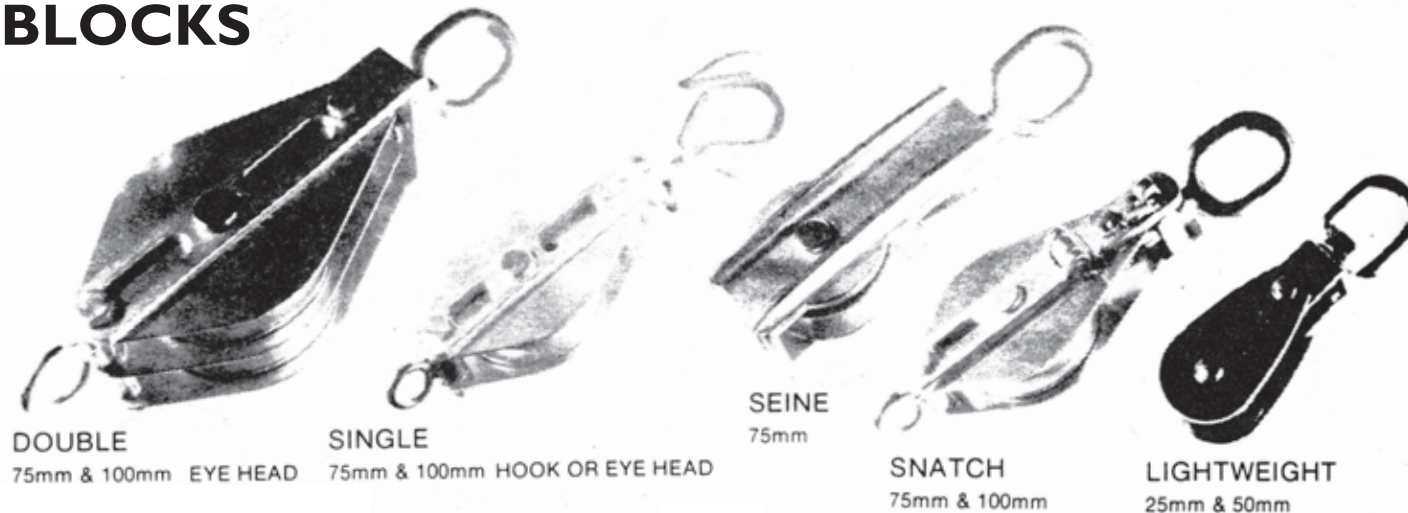
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## STAINLESS STEEL FITTINGS

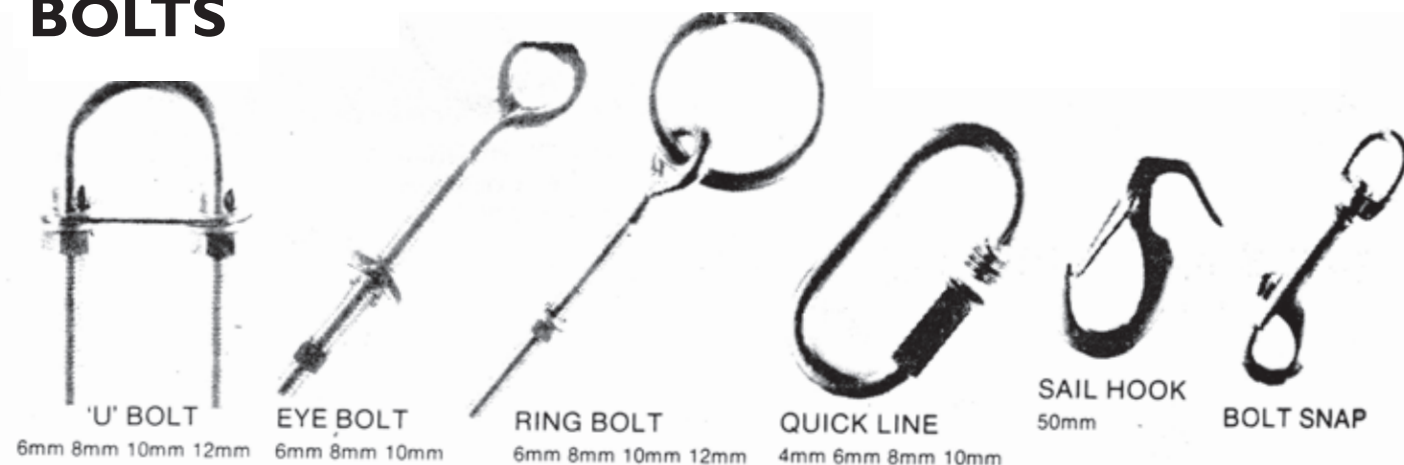
### SPRING HOOKS



### BLOCKS



### BOLTS



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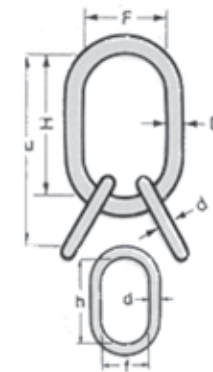
Page 50

# ATLAS CHAINS

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### Regular Multi-Leg Master Oblong Link



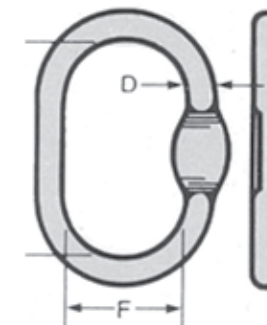
Code	Chain Dia mm	W.L.L. kg	E mm	H mm	F mm	D mm	D mm	f mm	h mm
883307	7	2700	230	135	75	18	13	30	55
883308	8	3500	230	160	90	22	16	32	70
883310	10	5500	265	180	100	26	18	40	77
883313	13	9400	315	200	110	32	22	50	110
883316	16	14,200	400	260	140	36	26	67	140
883320	20	22,200	500	350	190	51	32	72	148
883322	22	27,800	520	350	190	51	36	78	175
883326	26	35,800	570	400	200	57	40	82	180
883332	32	56,800	660	460	250	72	51	110	200

### Large Multi-Leg Master Oblong Link



Code	Chain Dia mm	W.L.L. kg	E mm	H mm	F mm	D mm	d mm	f mm	h mm
883407	7	2700	266	178	89	19	13	45	90
883410	10	5500	356	242	121	26	19	59	116
883413	13	9400	420	280	140	33	26	70	141
883416	16	14,200	482	304	152	38	33	90	178
883420	20	22,200	505	325	168	44	38	110	205
883422	22	27,800	550	360	180	53	43	125	237
883426	26	35,800	660	400	205	57	49	140	270
883432	32	56,800	690	400	235	70	56	150	300

### Recessed Single Master Oblong Link



Code	Chain Dia mm	W.L.L. kg	H mm	F mm	D mm
883507	7	1600	110	60	13
883508	8	2000	110	60	16
883510	10	3200	135	75	18
883513	13	5400	160	90	22
883516	16	8200	180	100	26
883520	20	12,800	260	140	36

Page 3

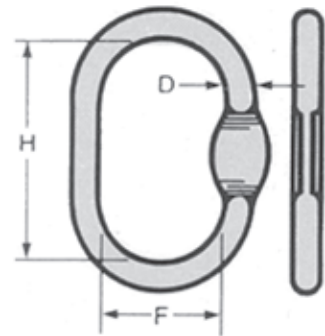
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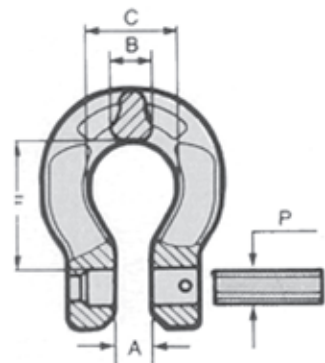
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Recessed Double Master Oblong Link

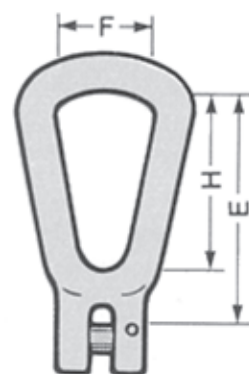
Code	Chain Dia mm	W.L.L. kg	H mm	F mm	D mm
883607	7	2700	110	60	16
883608	8	3500	135	75	18
883610	10	5500	160	90	22
883613	13	9400	180	100	26
883616	16	14,200	200	110	32
883620	20	22,200	300	160	40

Lok Component Connector



Code	Chain Dia mm	W.L.L. kg	A mm	B mm	G mm	F mm	H mm
884307	7 & 8	2000	8.7	11.5	24.5	32.0	9
884310	10	3200	12.5	13.5	32.0	45.0	13
884313	13	5400	16.5	17.0	40.0	57.0	16
884316	16	8200	20.5	22.0	50.0	67.5	21
884320	20	12,800	22.0	25.0	58.0	80.0	24

Clevis Single Master Link



Code	Chain Dia mm	W.L.L. kg	E mm	F mm	H mm
882007	7 & 8	2000	94	38	68
882010	10	3200	126	49	95
882013	13	5400	161	60	120
882016	16	8200	188	80	140
882022	22	16,000	256	110	196

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## STAINLESS STEEL FITTINGS

### SHACKLES



LIGHTWEIGHT  
4mm 5mm 6mm



STANDARD DEE  
7mm 8mm 10mm 12mm 16mm 19mm



LONG DEE  
10mm 12mm



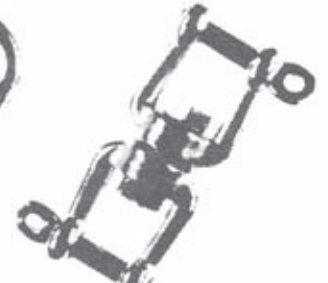
BOW  
8mm 10mm 12mm



TWISTED  
8mm 10mm



EYE & EYE  
6mm 8mm 10mm 13mm



JAW & JAW  
6mm 8mm 10mm

### SWIVELS

### TURNBUCKLES



JAW



HOOK



EYE

5mm 6mm 8mm 9mm 12mm 15mm

### GRIPS AND THIMBLES



LIFTING EYE  
6mm  
8mm  
10mm  
12mm



WIRE ROPE GRIP Sizes 2mm - 25mm



THIMBLES  
Sizes 2mm - 22mm



RINGS  
4x25 6x40  
5x35 8x55  
5x40 8x75

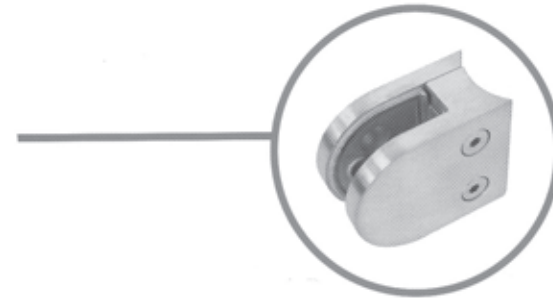


"S" HOOK  
6mm 8mm 9mm

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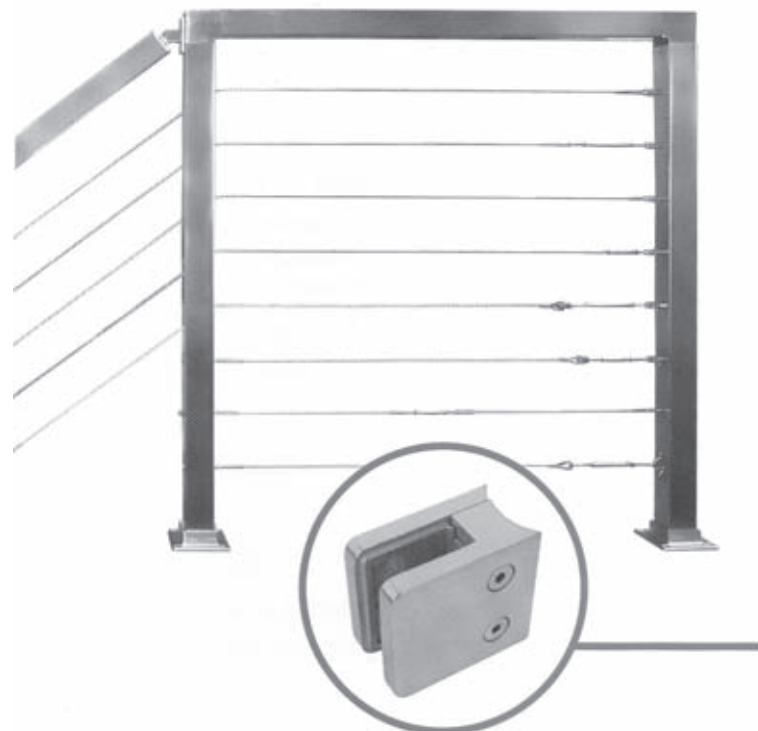
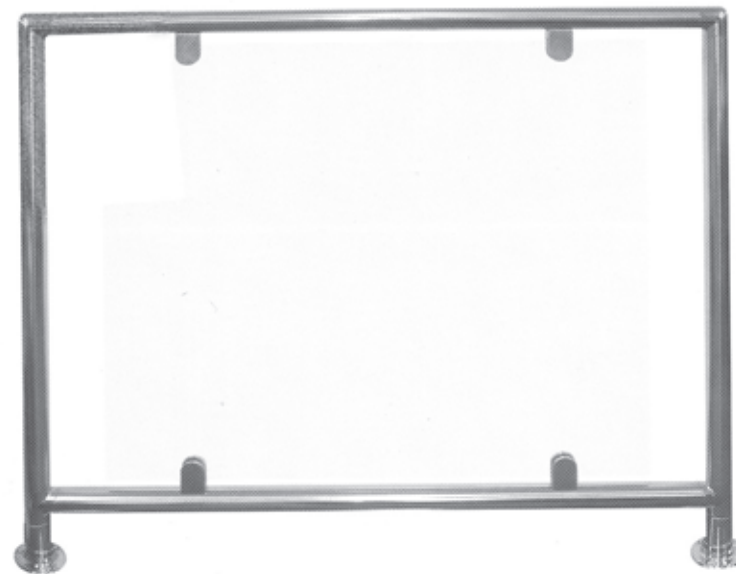
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## Glass Clamp Applications

Limited only by your imagination, our range of glass clamp assemblies offer the perfect solution for functional and aesthetic handrail setups. With an attractive satin surface finish they are the perfect compliment to a stainless steel handrail and glass panel combination.

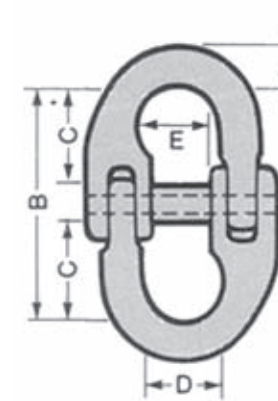


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## Weisslock Component Connector



Code	Chain Dia mm	W.L.L. kg	A mm	B mm	C mm	D mm	E mm
884206	6	1200	6.5	44	-	13.5	12
884207	7	1600	8	49	18	20	17
884208	8	2000	10	70	32	22	21
884210	10	3200	12	77	30	27	23
884213	13	5400	17	83	31	30	28
884216	16	8200	20	101	38	39	33
884220	20	12,800	23	117	45	46	41
884222	22	16,000	27	133	51	55	45
884226	26	20,600	28	147	60	60	52
884232	32	32,800	38	192	76	74	58

## Atlas Chains Safe Working Load Tags - Single Leg Tag All Steel Construction



Code	Chain Dia mm
884206S	6
884207S	7
884208S	8
884210S	10
884213S	13
884216S	16
884220S	20
884222S	22
884226S	26
884232S	32

## Atlas Chains Safe Working Load Tags - Multi Leg Tag All Steel Construction



Code	Chain Dia mm
884206M	6
884207M	7
884208M	8
884210M	10
884213M	13
884216M	16
884220M	20
884222M	22
884226M	26
884232M	32

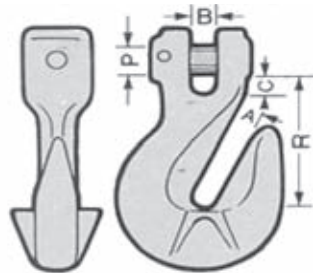


# ATLAS CHAINS

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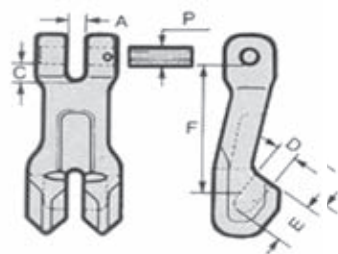
TOLL FREE 1800 999 885

## Clevis Grab Shortening Hook



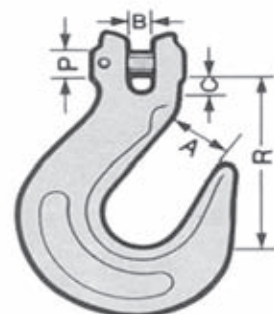
Code	Chain Dia mm	W.L.L. kg	R mm	A mm	B mm	C mm	P mm
886206	6	1200	42	8	7	9	6
886207	7 & 8	2000	51	10	9	11	8
886210	10	3200	72	13	13	14	13
886213	13	5400	88	17	17	18	16
886216	16	8200	102	20	21	20	21
886220	20	12,800	124	23	23	23	24
886222	22	16,000	139	27	26	26	26

## Clevis Shortening Clutch



Code	Chain Dia mm	W.L.L. kg	A mm	C mm	D mm	E mm	F mm	P mm
884507	7 & 8	2000	8.7	11	9	16.5	62	9
884510	10	3200	12.5	14	12	25	87.5	13
884513	13	5400	16.5	17.5	15	32.5	115	16
884516	16	8200	20.5	19.5	19	39	143	21
884520	20	12,800	21.5	23.6	22	46	152.5	23.3
884522	22	16,000	24	26.5	24	57.5	195	26.5

## Clevis Sling Hook



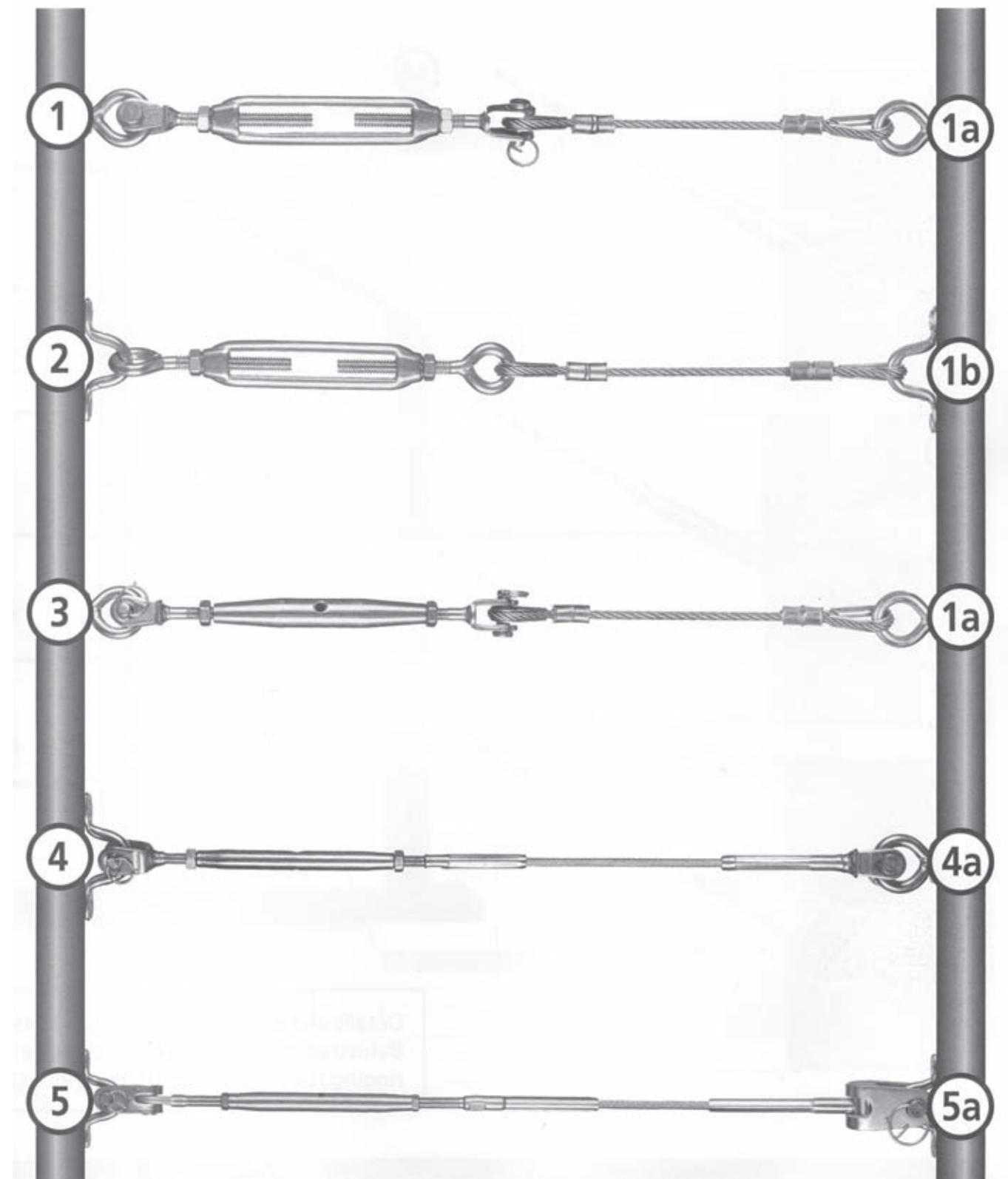
Code	Chain Dia mm	W.L.L. kg	R mm	A mm	B mm	C mm	P mm
885006	6	1200	69	25	7	9	6
885007	7 & 8	2000	85	33	9	11	8
885010	10	3200	105	40	13	14	13
885013	13	5400	128	48	17	17	16
885016	16	8200	150	54	21	20	20
885020	20	12,800	197	63	25	22	24
885022	22	16,000	222	71	36	28	26

# ATLAS CHAINS

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TOLL FREE 1800 999 885  
Traditional Turnbuckle Style

Grade 316 Stainless Steel



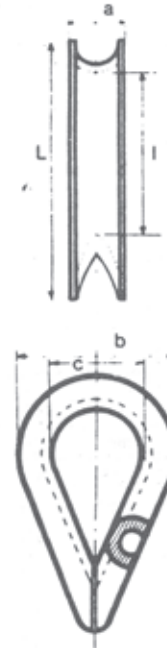


# ATLAS CHAINS

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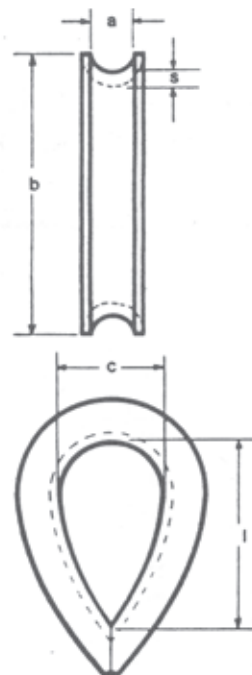
## STANDARD COMMERCIAL WIRE ROPE THIMBLES



DIA ROPE	GROOVE WIDTH	OVERALL LENGTH	OVERALL WIDTH	INSIDE LENGTH	INSIDE WIDTH	APPROX. WEIGHT Per 100 pcs.
	a	L	b	d	e	
mm	mm	mm	mm	mm	mm	in kg
4	4	25	19	16	11	0.4
5	5	31	22	22	16	0.8
6	6	37	29	26	19	1.4
8	8	51	38	34	24	2.8
10	10	64	44	42	32	4.8
13	13	76	57	51	38	8.0
14	14	82	60	57	40	10
16	16	89	64	60	42	15
19	19	115	79	76	51	25
22	22	127	89	83	54	32
25	25	152	105	102	68	66
28	28	165	115	110	73	77

- FINISH: Hot dipped galvanised
- NOT TO BE USED FOR LIFTING PURPOSES

## WIRE ROPE THIMBLES to AS 1138 - 1971



DIA ROPE	GROOVE WIDTH	OVERALL LENGTH	INSIDE LENGTH	INSIDE WIDTH	BACK THICK-NESS	APPROX. WEIGHT Per 100 pcs.
	a	b	d	e	s	
mm	mm	mm	mm	mm	mm	in kg
10	10	64	38	25	4.8	7.6
12	14	80	44	32	5.6	18.9
16	16	98	59	41	7.9	34
19	21	124	73	51	9.5	62.4
22	22	133	83	57	9.5	75.6
24	25	146	92	64	10.3	105.7
26	27	162	108	70	10.3	124.7
28	29	178	111	76	12.7	151
32	33	197	133	95	12.7	204
38	41.3	254	165.1	114.3	17.5	488
42	42.9	254	165.1	114.3	17.5	499
45	50.8	285.8	177.8	127	25.4	565
48	60.3	317.5	190.5	133.4	28.6	640
51	63.5	330.2	203.2	139.7	28.6	660
53	63.5	330.2	203.2	139.7	28.6	—
56	66.7	356.6	215.9	146	30.2	—
63	69.3	412.8	241.3	158.8	31.8	—
70	85.7	501.6	273	203.2	41.3	—

- FINISH: Hot dipped galvanised
- NOT TO BE USED FOR LIFTING PURPOSES

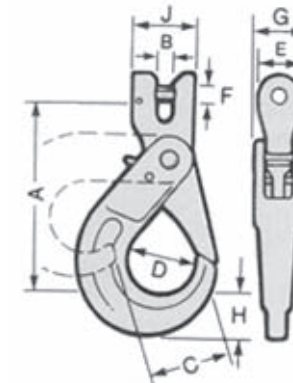
BRISBANE: 35 Manton St Bulimba QLD 4171  
Telephone: (07) 3899 2933 • Fax (07) 3899 2976  
Email Address: atlas@uq.net.au

Page 46

# ATLAS CHAINS

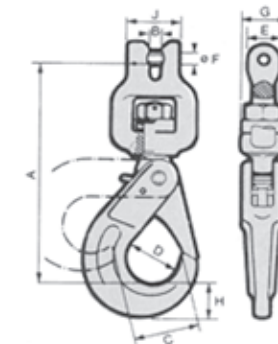
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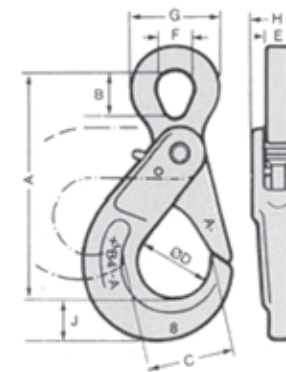
### Clevis Self Locking Safety Hook

Code	Chain Dia mm	W.L.L. kg	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm
886407	7	1600	100	9	23	35	20	8	29	18	31
886408	8	2000	120	11	30	45	23	10	31	22	38
886410	10	3200	150	13	38	55	27	12	36	29	43
886413	13	5400	195	16	55	70	36	16	44	36	53
886416	16	8200	230	20	60	82	45	19	52	43	65
886420	20	12,800	280	25	75	100	55	25	62	56	80



### Clevis Swivel Bearing Self Locking Safety Hook

Code	Chain Dia mm	W.L.L. kg	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm
886607	7	1600	155	9	23	35	20	8	29	18	31
886608	8	2000	185	11	30	45	23	10	32	22	38
886610	10	3200	230	13	38	55	27	12	45	29	43
886613	13	5400	285	16	55	70	36	16	55	36	53
886616	16	8200	340	20	60	82	45	19	65	43	65
886620	20	12,800	430	25	75	100	55	25	90	56	80



### Eye Self Locking Safety Hook

Code	Chain Dia mm	W.L.L. kg	A mm	B mm	C mm	D mm	E mm	F mm	G mm
885707	7	1600	110	23	23	35	10	20	40
885708	8	2000	135	30	30	45	14	25	50
885710	10	3200	165	36	38	55	16	31	61
885713	13	5400	210	47	55	70	18	40	78
885716	16	8200	245	55	60	82	21	45	90
885720	20	12,800	305	65	75	100	24	55	110



### Eye Swivel Self Locking Safety Hook

Code	Chain Dia mm	W.L.L. kg	A mm	B mm	C mm	D mm	E mm	F mm	G mm
886507	7	1600	145	26	23	35	12	29	18
886508	8	2000	165	27	30	45	16	31	22
886510	10	3200	210	35	38	55	20	40	29
886513	13	5400	255	41	55	70	24	45	36
886516	16	8200	310	49	60	82	30	55	43
886520	20	12,800	380	60	75	100	36	65	56

Page 7

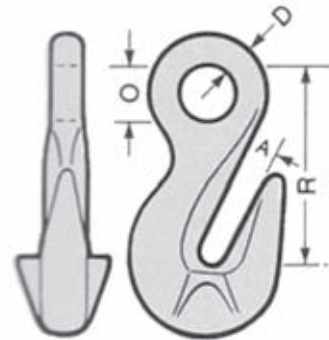
BRISBANE: 35 Manton St Bulimba QLD 4171  
Telephone: (07) 3899 2933 • Fax (07) 3899 2976  
Email Address: atlas@uq.net.au

# ATLAS CHAINS

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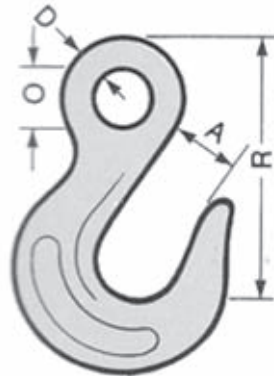
## Eye Shortening Grab Hook



Code	Chain Dia mm	W.L.L. kg	A mm	D mm	O mm	R mm
885306	* 6	1200	6.5	9	10	45
885307	7 & 8	2000	10	10	16	60
885310	10	3200	13	11	21	80
885313	13	5400	17	16	26	104
885316	16	8200	20	19	30	114
885320	20	12,800	23	22	36	132
885322	22	16,000	27	25	38	157
885326	26	20,600	32	32	41	187
885332	32	32,800	40	40	57	230

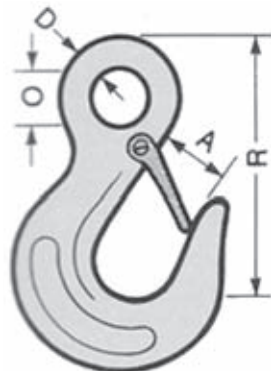
\* Size 6mm, available only as grab hook, not as shortening hook.

## Eye Sling Hook



Code	Chain Dia mm	W.L.L. kg	A mm	D mm	O mm	R mm
885506	6	1200	25	18	21	80
885507	7 & 8	2000	33	11	24	95
885510	10	3200	40	14	32	120
885513	13	5400	48	19	40	145
885516	16	8200	54	22	47	172
885520	20	12,800	65	25	57	201
885522	22	16,000	75	28	71	240
885526	26	20,600	80	31	79	281
885532	32	32,800	99	38	85	322

## Eye Sling Hook Complete with Safety Latch



Code	Chain Dia mm	W.L.L. kg	A mm	D mm	O mm	R mm
885806	6	1200	22	9	21	80
885807	7 & 8	2000	33	11	24	95
885810	10	3200	40	14	32	120
885813	13	5400	48	19	40	145
885816	16	8200	54	22	47	172
885820	20	12,800	65	25	57	201
885822	22	16,000	75	28	71	240
885826	26	20,600	80	31	79	281
885832	32	32,800	99	38	85	322

## Tigrip Crane Load Cell with Digital Display



Code	Weighing Capacity kg	Numeral Step in kg	Weight Each kg
889025	0 - 2500	I	25
889050	0 - 5000	I	25
889100	0 - 10000	I	41

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Email Address: atlas@uq.net.au

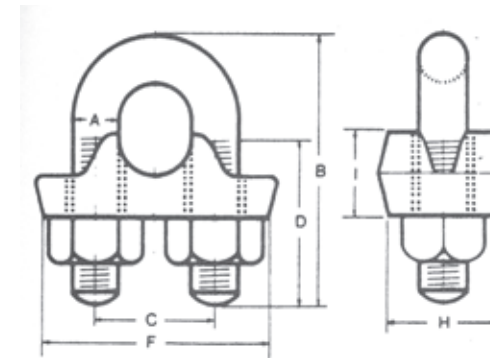
Page 8

# ATLAS CHAINS

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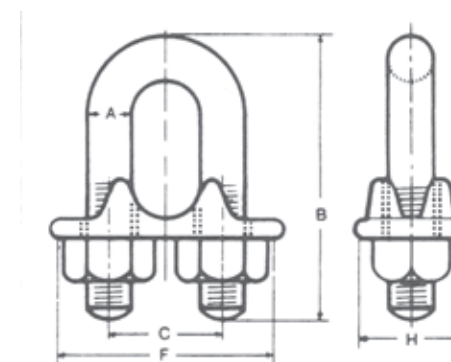
## WIRE ROPE GRIPS TO to AS 2076 - 1977



DIA OF ROPE	BOW DIA	OVERALL LENGTH OF BOW	INSIDE WIDTH	LENGTH OF THREAD	LENGTH OF BASE	THICKNESS OF	APPROX WEIGHT PER 100 pcs.
	A	B	C	D	F	I	
	mm	mm	mm	mm	mm	mm	in kgs
6	6	32	14	19	32	19	6
8	8	42	17	22	35	22	10
9	10	48	20	25	42	24	14
11	11	57	24	32	51	26	19
13	12	64	28	35	56	28	28
16	14	73	33	38	64	32	42
20	14	78	36	45	66	33	45
23	16	92	41	50	73	55	64
25	19	104	47	54	82	41	105
28	19	114	50	56	89	43	118
32	19	120	53	64	95	48	140
38	22	140	64	75	108	50	191
42	26	158	70	89	120	53	270
45	26	177	73	95	127	56	300
50	28	190	82	102	140	60	430

- FINISH: galvanised
- NOT TO BE USED FOR LIFTING PURPOSES

## STANDARD COMMERCIAL WIRE ROPE GRIPS



WIRE ROPE DIA	BOW DIA	OVERALL LENGTH OF BOW	LENGTH OF BASE	THICKNESS OF BASE	WEIGHT PER 100 pcs.
	A	B	F	H	
	mm	mm	mm	mm	in kgs
5	5	24	24	11	1.5
6	5	28	26	12	2.1
8	6	34	30	14	4.1
10	8	42	37	20	7.5
13	10	55	44	25	15
16	12	63	52	28	21
20	12	75	58	32	33
23	14	85	64	35	50
25	14	95	68	38	52

- FINISH: Electro-galvanised. • BASE: Malleable cast iron.
- NOT TO BE USED FOR LIFTING PURPOSES

Page 45

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Telephone: (07) 3899 2933 • Fax (07) 3899 2976  
Email Address: atlas@uq.net.au



# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

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## Stainless Steel Wire Rope

### 7 X 7 CONSTRUCTION

REEL SIZE: 305M & 1000M

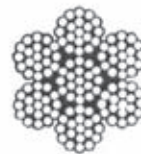
PART NO	DIAMETER		Weight 305M=1KG
	MM	INCH	
WRS707012-4 OR -6	1.2	3/64	1.65
WRS707016-4 OR -6	1.6	1/16	2.57
WRS707020-4 OR -6	2.0	5/64	4.6
WRS707024-4 OR -6	2.4	3/32	6.6
WRS707030-4 OR -6	3.0		10.4
WRS707032-4 OR -6	3.2	1/8	12.3
WRS707040-4 OR -6	4.0	5/32	19.2
WRS707048-4 OR -6	5.0		30.2
WRS707055-4 OR -6	6.0	7/32	43.6



### 7 X 19 CONSTRUCTION

REEL SIZE: 305M & 1000M

CODE	DIAMETER		Weight 305M=1KG
	MM	INCH	
WRS719030-4 OR -6	3.0		10.3
WRS719032-4 OR -6	3.2	1/8	11.7
WRS719040-4 OR -6	4.0	5/32	18.3
WRS719048-4 OR -6	4.8	3/16	26.8
WRS719055-4 OR -6	5.0		28.6
WRS719060-4 OR -6	6.0		41.2
WRS719064-4 OR -6	6.4	1/4	45.6
WRS719079-4 OR -6	8	5/16	73.2
WRS719095-4 OR -6	9.4	3/8	98
WRS719100-4 OR -6	10.0		115
WRS719120-4 OR -6	12.0		164.7
WRS719127-4 OR -6	12.7	1/2	187.2
WRS719140-4 OR -6	14.0	9/16	227.5



# ATLAS CHAINS

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## Eye Foundry Hook



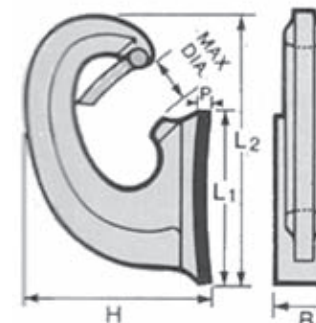
Code	Chain Dia mm	W.L.L. kg	E mm	C mm	D mm	G mm	H mm
885607	7 & 8	2000	125	27	16	66	32.5
885610	10	3200	146	32	20	76	35
885613	13	5400	175	38	26	89	41
885616	16	8200	205	45	32	102	48
885620	20	12,800	235	51	40	114	54
885622	22	16,000	265	65	46	127	70
885626	26	20,600	305	72	52	136	80
885632	32	32,800	327	83	60	152	93

## Universal Safety Sling Hook



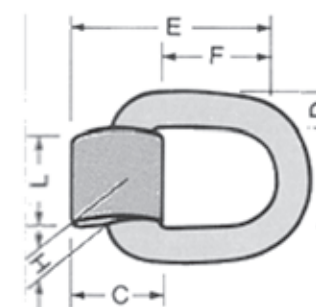
Code	Chain Dia mm	W.L.L. kg	A mm	D mm	O mm	R mm	T mm
886007	7 & 8	2000	25	11	28	94	35
886010	10	3200	30	15	36	124	43
886013	13	5400	37	18	45	151	48
886016	16	8200	46	20	60	195	62

## Weld-On Safety Excavator Hook



Code	W.L.L. kg	L1 mm	L2 mm	H mm	B mm	P mm	Dia mm
886703	3000	84	130	97	35	8	25
886705	5000	113	185	130	44	12	40
886710	10,000	160	255	175	70	20	50
886718	18,000	170	290	190	80	25	50

## Weld-On Transport Link



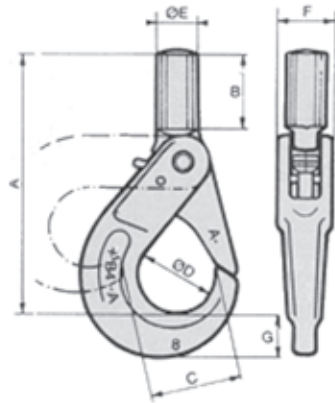
Code	Chain Dia mm	W.L.L. kg	E mm	F mm	C mm	L mm	H mm	D mm	B mm
887106	6	1000	59	32.5	32	32	27.5	11.5	36
887107	7 & 8	2000	69	38.5	38	38	32.5	14	42
887110	10	3200	80	48	42	42	32	16	45
887113	13	5400	115	72	56	60	43	22.5	66
887116	16	8200	121	71	65	65	50	26	70
887122	22	16,000	177.5	104	96	109	79.5	38.5	120

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

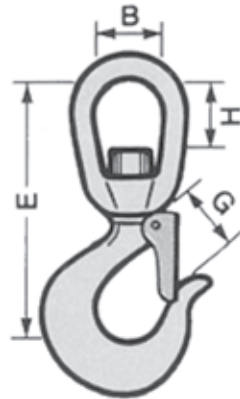
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## Shank Self Locking Safety Hook



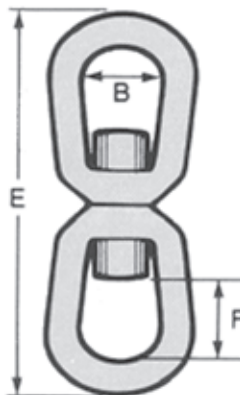
Code	Chain Dia mm	W.L.L. kg	A mm	B mm	C mm	D mm	E mm	F mm	G mm
886307	7	1600	128	38	23	35	20	29	18
886308	8	2000	145	40	30	45	23	31	22
886310	10	3200	185	55	38	55	28	36	29
886313	13	5400	235	70	55	70	35	44	36
886316	16	8200	280	85	60	82	40	52	43
886320	20	12,800	380	115	75	100	50	62	56

## Eye Swivel Hook Complete with Safety Latch



Code	Chain Dia mm	W.L.L. kg	E mm	B mm	G mm	H mm
885407	7 & 8	2000	155	44	25	42
885410	10	3200	162	44	28	42
885413	13	5400	190	51	34	43
885416	16	8200	247	64	42	60

## Bow and Bow Chain Swivel



Code	Chain Dia mm	W.L.L. kg	E mm	F mm	B mm
887006	6	1200	108	27	30
887007	7 & 8	2000	168	44	44
887010	10	3200	168	44	44
887013	13	5400	184	46	51
887016	16	8200	252	66	64

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

TOLL FREE 1800 999 885

## STAINLESS STEEL WIRE ROPE MINIMUM BREAKING STRAINS

DIAMETER		1X19		7X7		7X19	
MM	INCH	304	316	304	316	304	316
		KG	KG	KG	KG	KG	KG
1.2	3/64	170	110	122	87	122	87
1.6	1/16	227	215	217	201	217	201
2.0	5/64	363	320	294	277	294	277
2.4	3/32	544	510	417	389	417	389
3.0		835	776	674	625	700	648
3.2	1/8	953	885	771	713	798	739
4.0	5/32	1497	1395	952	874	952	878
4.8	3/16	2132	1971	1678	1559	1678	1559
5.5	7/32	2858	2683	2177	2016	2268	2097
6.4	1/4	3720	3493	2767	2609	3176	2953
7.2	9/32	4673	4388	3448	3237	3539	3323
7.9	5/16	5671	5325	4083	3780	4083	3780
9.4	3/8	7940	8546	5444	5057	5444	5057
11.1	7/16	9382	8769	8467	7925	8480	7962
12.7	1/2	11128	10400	10967	10250	10255	9585
14.3	9/16	15165	14173	11892	11114	11892	11114
16.0	5/8	19857	18558	15536	14520	15537	14520

THE BREAKING STRAINS ABOVE SHOULD BE TAKEN AS GUIDE ONLY. DIFFERENT MANUFACTURES BREAKING STRAINS & TENSILES MAY VARY. ABOVE TENSILE 2070



# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

TOLL FREE 1800 999 885

## PVC Coated Wire Rope

USED FOR:- GENERAL PURPOSE, MARINE, ARCHITECTURAL, WET OR OUTSIDE USES. THEATRE & SHOWS, WHERE PROTECTION IS NEEDED

PVC COLOURS AVAILABLE: ALL SIZES NORMALLY BLUE.  
ALSO IN RED, GREEN, WHITE, BLACK, CLEAR, YELLOW, & ORANGE.

### PVC 6x7+FC G1570

AVAILABLE ONLY IN 1000M REELS



	DIA.	DIA.	MBF	WEIGHT
CODE	CORE	PVC	KN	1000M=1KG
WR672030GP	2	3	2.1	15
WR672535GP	2.5	3.5	3.3	30
WR673040GP	3	4	4.7	32
WR673550GP	3.5	5	6.2	42
WR674060GP	4	6	8.4	57

### PVC 6X19+FC G1570

Available in 500M & 1000M reel



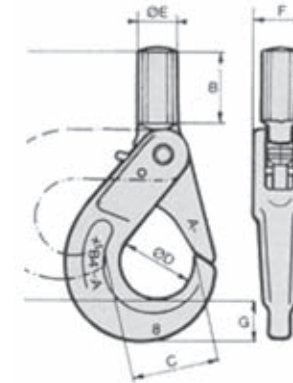
	DIA.	DIA.	MBF	WEIGHT
CODE	WIRE	PVC		100M
	MM	MM	KN	KG
WR6193550	3.5	5.0	6.4	4.6
WR6193555	3.5	5.5	6.4	4.8
WR6194060	4.0	6.0	8.5	6.1
WR6195070	5.0	7.0	13.2	9.5
WR6196080	6.0	8.0	19.3	13.7
WR6198010	8.0	10	33.3	18.7
WR6191012	10	12	52.1	30.8

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

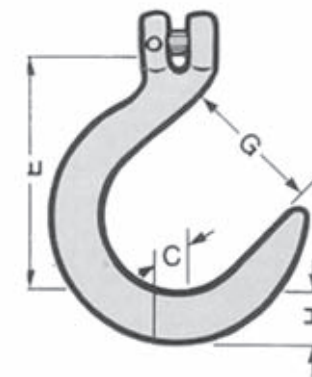
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## Shank Self Locking Safety Hook



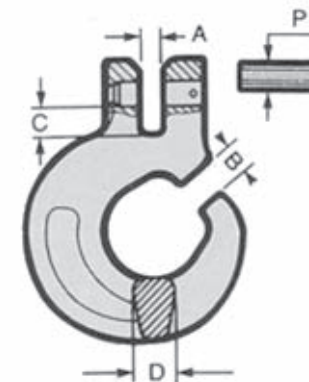
Code	Chain Dia mm	W.L.L. kg	A mm	B mm	C mm	D mm	E mm	F mm	G mm
886307	7	1600	128	38	23	35	20	29	18
886308	8	2000	145	40	30	45	23	31	22
886310	10	3200	185	55	38	55	28	36	29
886313	13	5400	235	70	55	70	35	44	36
886316	16	8200	280	85	60	82	40	52	43
886320	20	12,800	380	115	75	100	50	62	56

## Clevis Foundry Hook



Code	Chain Dia mm	W.L.L. kg	E mm	C mm	H mm	G mm
885907	7 & 8	2000	110	27	33	66
885910	10	3200	131	32	35	76
885913	13	5400	160	38	41	89
885916	16	8200	190	45	48	102

## Clevis Choker Hook



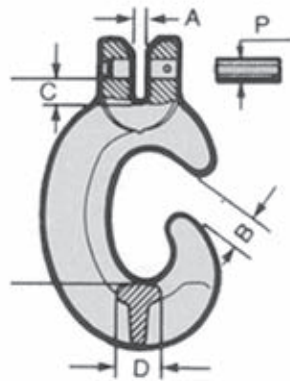
Code	Chain Dia mm	W.L.L. kg	A mm	B mm	D mm	F mm	P mm
888807	7 & 8	2000	9	9.8	17	56	10
888810	10	3200	12.5	12.9	22	81	13
888813	13	5400	16.5	16	24	94	16

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

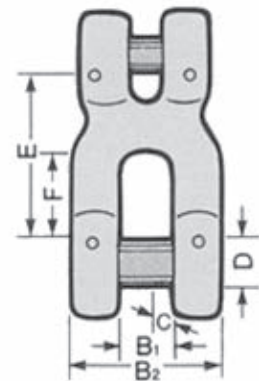
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## "C" Hook



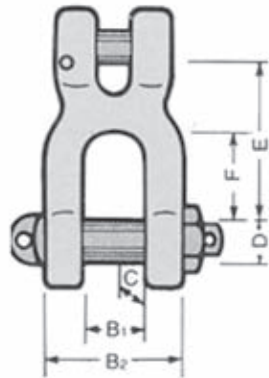
Code	Chain Dia mm	W.L.L. kg	A mm	B mm	C mm	D mm	F mm	P mm
884407	7 & 8	2000	9	20	11	20	88	9
884410	10	3200	12.5	29	14	27	125	13
884413	13	5400	16.5	37	17.5	36	164	16
884416	16	8200	29.5	45	19.5	45	203	21

## Clevis Chain Coupling Shackle



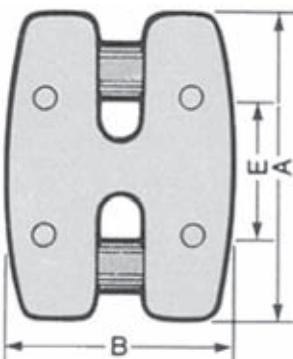
Code	Chain Dia mm	W.L.L. kg	E mm	B1 mm	B2 mm	C mm	D mm	F mm
886110	10	3200	64	21	51	32	16	36.5
886113	13	5400	84	27	65	40	20	49.5
886116	16	8200	100	33	75	48	24	56.5

## Chain Coupling Bolt Shackle



Code	Chain Dia mm	W.L.L. kg	E mm	D mm	C mm	F mm	B1 mm	B2 mm
886910	10	3200	64	16	32	36	21	51
886913	13	5400	84	20	40	49	27	65
886916	16	8200	100	24	48	56	33	75

## Clevis Double Ended Chain Connector

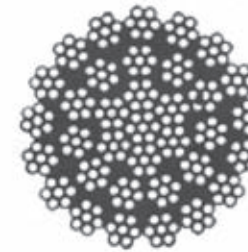


Code	Chain Dia mm	W.L.L. kg	A mm	E mm	B mm
884110	10	3200	73	34	51
884113	13	5400	95.5	44.5	65
884116	16	8200	115	55.5	76

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

TOLL FREE 1800 999 885



## 35 X7 NON ROTATING WIRE ROPE G2070

- Compacted construction for extra lifting capacity.
- Every delivery comes with test certificates.
- Lubricated with medium type lubricant for longer life.

	SIZE	WEIGHT	MIN BS
PART NO	MM	KG/100M	Kn
WR35714BD	14	85.9	150
WR35716BD	16	112.3	196
WR35718BD	18	142.1	248
WR35719BD	19	158.3	276.3
WR35720BD	20	175.4	306.2
WR35722BD	22	212.3	370.5
WR35724BD	24	252.6	441

REEL SIZE: 500M PLUS 10% FOR GAL FINISHING



## 18 x 7 NON ROTATING WIRE ROPE 2070 GRADE

- \* Manufactured in accordance with AS3569 – 1989.
- \* Test certificate supplied with each reel.
- \* Medium lubricating for longer life.
- \* Available in 500 & 1000M Reels.

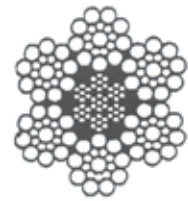
	SIZE	MIN BS
PART NO	mm	kN
WR18708BD	8	42.1
WR18709BD	9	53.4
WR18710BD	10	66.1
WR18711BD	11	79.8
WR18712BD	12	95.0
WR18713BD	13	111
WR18714BD	14	130
WR18716BD	16	168



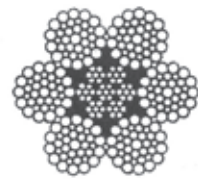
# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

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6 x 19 S+IWRC  
RHOL



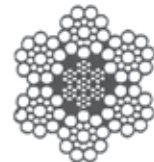
6 X 25 Fi + IWRC  
RHOL

## WINCH ROPE GALVERNIZED 2070 GRADE

- \* Manufactured in accordance with AS.
- \* Test certificates available for each reel.
- \* G2070 Grade for max. pull capacity
- \* Heavy galvanized to suit out door use.
- \* Available in 500 & 1000M Reels.

PART NO	DIA mm	CONSTRUCTION	MBS Kn	AV. MASS PER 100M
WR61908SGD	8	6 X 19 S RHOL WRC	47	24.4 kg
WR62511SGD	11	6 X 25 FW RHOL WRC	89	50.6 kg
WR62516SGD	16	6 X 25 FW RHOL WRC	188	107.0 kg

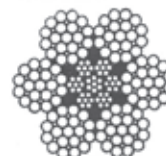
6X19S(9/9/1) + IWRC  
500M/Reel, BLACK



1770  
RHOL

CODE	SIZE	MBS
W619S18B	18mm	204kN
W619S20B	20mm	252kN
W619S22B	22mm	305kN
W619S24B	24mm	363kN
W619S26B	26mm	426kN
W619S28B	28mm	494kN

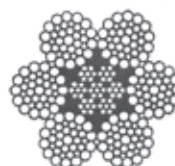
6X25Fi + IWRC  
500M/Reel. GAL



1770  
RHOL

CODE	SIZE	MBS
W625S09G	9	51.1kN
W625S10G	10	63.1kN
W625S11G	11	76.3kN
W625S12G	12	90.8kN
W625S13G	13	107kN
W625S14G	14	124kN
W625S16G	16	161kN
W625S18G	18	204kN

6X36WS + IWRC, 1770  
500M/Reel. GAL & Black



1770  
RHOL &  
LHOL

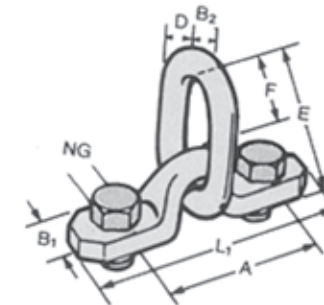
CODE	SIZE MM	MBS kN
W636S10G or B	10	63.1kN
W636S12G or B	12	90.8kN
W636S13G or B	13	107kN
W636S16G or B	16	161kN
W636S18G or B	18	204kN
W636S20G or B	20	252kN
W636S22G or B	22	305kN
W636S24G or B	24	363kN
W636S28G or B	28	494kN

# ATLAS CHAINS

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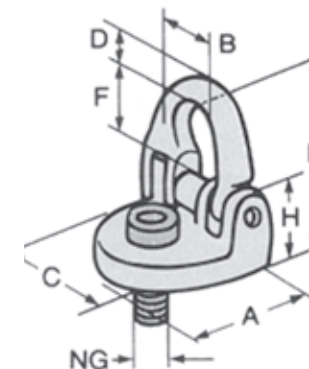
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## Screw-On Transport Link



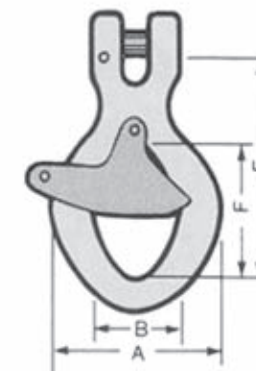
Code	Chain Dia mm	W.L.L. kg	E mm	D mm	F mm	B2 mm	LI mm	BI mm	A mm	NG mm
887410	10	3200	112	18	56	40	180	38	110	M20
887413	13	5400	149	22	79	50	185	48	115	M20
887416	16	8200	185	26	93	65	280	62	200	M30
887422	22	16,000	277	34	112	80	200	65	130	M36

## Rotating Transport Link



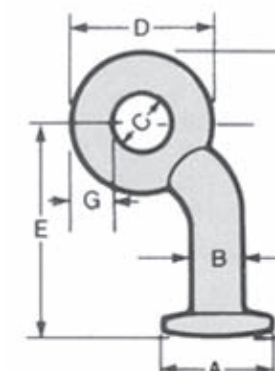
Code	Chain Dia mm	W.L.L. kg	E mm	Fmax mm	A mm	C mm	H mm	Bmax mm	D mm	NG mm
887306	6	1000	65	3.0	61	65	38	22	12	M16
887307	7 & 8	2000	85	40	79	82	49	28	15.5	M20
887310	10	3200	98	45	92	101	58.5	33	19	M24
887313	13	5400	120	55	112	119	71.5	45	25	M30

## Master Link with Pin Coupling and Safety Latch for Skips



Code	Chain Dia mm	W.L.L. kg	A mm	F mm	B mm	A mm
884813	13	5400	157	100	65	125
884816	16	8200	165	100	65	130

## Alloy Elephants Foot



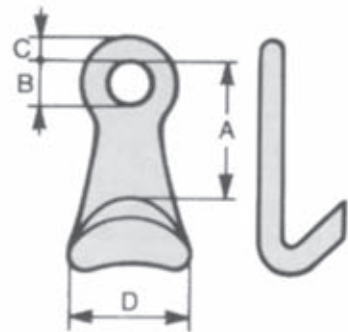
Code	W.L.L. kg	A mm	B mm	C mm	D mm	E mm	F mm	G mm
886836	9000	60	26	32	70	110	145	19

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

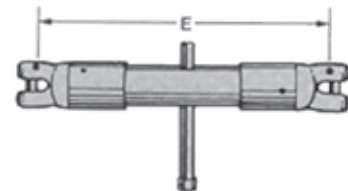
TOLL FREE 1800 999 885

## Drum Hooks For Transporting Lying and Standing Drums



Code	W.L.L. kg	A mm	B mm	C mm	D mm
886840	1000	90	40	17	70

## Short Screw Tensioner



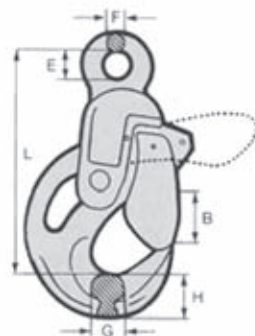
Code	Chain Dia mm	Admissible Tensile Strength Under Straight Load kN	E <sub>max</sub> mm	E <sub>min</sub> mm	C mm
881410	10	64	375	275	100
881413	13	100	460	340	120

## Screw Tensioning Chain Kit



Code	Chain Dia mm	Admissible Tensile Strength Under Straight Load kN, Effective Length of Set is 3,500mm Each
881410K	10	64
881413K	13	100

## Eye Self-Locking and Automatic Release Hook



Code	Chain Dia mm	W.L.L. kg	L mm	B mm	G mm	H mm	F mm	E mm
887213	13	5400	250	60	26	49	17	30
887216	16	8200	255	60	38	49	21	30

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

TOLL FREE 1800 999 885

## Steel Core Galvanised Wire Rope

### 7 x 7 WSC RRP G1570 G2070

IRRIGATOR CABLE, STANDING RIGGING  
REEL SIZE: 500M, 1000M, 2000M, 3000M



	SIZE	MASS	MBS	MBS
PART NO	mm	100M	1570 MPa	2070 MPa
		kg	kN	kN
WR77016G	1.6	1.26	1.73	2.22
WR77020G	2.0	1.6	2.3	2.89
WR77025G	2.5	3.0	3.14	4.10
WR77030G	3.0	3.6	5.2	7.60
WR77040G	4	6.3	9.2	11.6
WR77050G	5	9.9	14.3	18.8
WR77060G	6	14.3	20.6	27.1
WR77070G	7	19.7	28.2	37.1
WR77080G	8	25.2	36.0	47.4
WR77090G	9	32	45.7	60.2
WR7710G	10	39.2	56.2	74.5
WR77110G	11	47.5	68.2	89.0
WR77110G	12	56.7	81	103

### 7 x 19 WSC G2070 RRP

GALVANISED AIRCRAFT CABLE

USED FOR: GENERAL PURPOSE, WINCH ROPES AND  
FOUR-WHEEL DRIVES WHERE A HIGH BREAKING FORCE  
IS REQUIRED.



	SIZE	AV. MASS	MIN BS
PART NO		PER 100M	2070 MPa
	mm	kg	kN
WR719032GD	3.2	4.2	8.9
WR719035GD	3.5	4.6	8.4
WR719040GD	4	6.1	11.2
WR719050GD	5	9.5	17.4
WR719060GD	6	13.7	25.4
WR719070GD	7	18.7	34.0
WR719080GD	8	24.4	43.9
WR719090GD	9	30.8	55.6
WR719100GD	10	38.1	68.6
WR719110GD	11	46.1	83.2
WR719120GD	12	54.8	98.9
WR719130GA	13	64.3	116.1



# ATLAS CHAINS

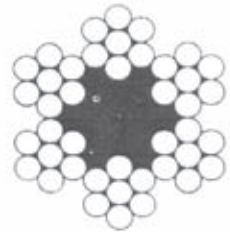
SPECIALISTS IN MARINE & LIFTING EQUIPMENT

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## Fibre Core Galvanised Wire Rope

### 6 x 7+FC G1570

USES: GENERAL PURPOSE  
REEL SIZE: 1000M



	SIZE	MASS	MBS
PART NO	mm	PER100M	
	mm	kg	Kn
WR607020GA	2	1.4	2.1
WR607025GA	2.5	2.6	3.9
WR607030GA	3	3.6	4.7
WR607035GA	3.5	4.2	5.6
WR607040GA	4	5.5	8.4
WR607050GA	5	8.6	13.0
WR607060GA	6#	12.4	18.7
WR607070GA	7#	16.9	25.5

# 500M/REEL ARE AVAILABLE

### 6 x 19+FC G1570

USES: GENERAL PURPOSE  
VERY FLEXIBLE  
REEL SIZE: 500M & 1000M



	SIZE	MASS	MBS
PART NO	MM	100M	Kn
WR619035GA	3.5	4.6	5.8
WR619040GA	4	6.1	7.7
WR619050GA	5	9.5	12.0
WR619060GA	6	13.7	17.6
WR619070GA	7	18.7	23.4
WR619080GA	8	24.4	30.9
WR619090GA	9	30.8	39.1
WR619100GA	10	38.1	48.2

### 6 x 24+FC G1570

USES: GENERAL PURPOSE  
VERY FLEXIBLE  
STANDARD SLING ROPE  
REEL SIZE: 500M & 1000M



	DIA	MASS	MBS
PART NO	mm	100M	1570
		kg	Kn
WR62406GA	6	7.9	15.8
WR62408GA	8	20.4	31.8
WR62410GA	10	31.8	49.6
WR62412GA	12	45.8	71.5
WR62414GA	14	62.4	97.3
WR62416GA	16	81.5	127
WR62418GA	18	103	162
WR62420GA	20	127	199
WR62422GA	22	154	240
WR62424GA	24	183	285
WR62426GA	26	215.0	335
WR62428GA	28	250	390

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

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Adjustable Single Leg Sling  
with Clevis Sling Hook,  
available with or without  
BSG Clevis Grab Hook.



Single Leg Sling with  
Clevis Grab Hook.



Single Leg Sling with  
Clevis Self-locking Hook.



Double Leg Sling with  
Clevis Sling Hooks.  
Available with or  
without BCC Clevis  
Shortening Clutches.



Double Leg Sling with  
Clevis Grab Hooks.



Double Leg Sling with  
Clevis Self-locking  
Hooks.



Double Leg Sling with  
Clevis Safety Latch Sling  
Hooks.



Three Legged Sling with  
Clevis Sling Hooks.



Three Legged Sling with  
Clevis Foundry Hooks.



# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

TOLL FREE 1800 999 885



Three Legged Sling with Eye Swivel Self-locking Hooks.



Four Legged Sling with Clevis Sling Hooks.



Four Legged Sling with Eye Self-locking Hooks. Available with or without BEG Eye Grab Hooks.



Four Legged Sling with Clevis Foundry Hooks.

## IMPORTANT INSTRUCTIONS ON THE USE OF ALTAS CHAINS ALLOY GRADE T (80) CHAIN SLINGS:

Safety Warning of hazardous conditions: Extreme care should be taken when using the Atlas Chains Grade T (80) Chain Slings in close proximity of high temperature. It is therefore recommended that the user must always choose to end on the side of safety and make ample provisions for reduced Safe Working Loads.

### FOLLOWING ARE OUR RECOMMENDATIONS:

#### TEMPERATURE CONDITIONS

-30 Degrees C to 200 degrees C : No Reductions in SWL

200 Degrees C to 300 degrees C : Reduce SWL by 10%

300 Degrees C to 400 degrees C : Reduce SWL by 25%

Do not use above 400 degrees C

#### ACIDIC CONDITIONS

Atlas Chains Alloy Grade T (80) slings should not be used in acidic solutions not in any other corrosive environment.

#### GALVANISING





Atlas Chains Ally chains and fittings should not be hot dip galvanised not electro plated, except by Atlas Chain. Galvanised slings must always have the Safe Working Load reduced by 20%.

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

TOLL FREE 1800 999 885

## Wire Rope Slings SPECIFICATION BASED ON AUSTRALIAN STANDARD AS1666.2 - 1995

WIRE ROPE DIA. mm	CHOKE HITCH			DIRECT LOAD			CHOKE HITCH				BASKET HITCH							
	DIRECT LOAD	ROUND LOAD	RECTANGULAR LOAD		ROUND LOAD		OTHER THAN ROUND LOAD		ROUND LOAD				OTHER THAN ROUND LOAD					
					SINGLE WRAP	DOUBLE WRAP	SINGLE WRAP	DOUBLE WRAP										
0° - 60°	90°	120°	0° - 45°	0° - 60°	0° - 45°	0° - 50°	0°	60°	90°	120°	0°	60°	90°	120°				
MAXIMUM WORKING LOADS IN TONNES OF 1000kg for 1570 GRADE FIBRE CORE																		
8	0.55	0.41	0.27	0.94	0.77	0.55	0.71	0.48	1.09	0.94	0.77	0.55	0.55	0.48	0.39	0.27		
9	0.69	0.52	0.34	1.19	0.97	0.69	0.90	0.60	1.38	1.19	0.97	0.69	0.69	0.60	0.49	0.34		
10	0.85	0.64	0.43	1.47	1.20	0.85	1.11	0.74	1.70	1.47	1.20	0.85	0.85	0.74	0.61	0.43		
11	1.03	0.77	0.52	1.78	1.45	1.03	1.34	0.90	2.1	1.78	1.45	1.03	1.03	0.90	0.73	0.52		
12	1.23	0.92	0.61	2.1	1.73	1.23	1.59	1.07	2.5	2.1	1.73	1.23	1.23	1.07	0.87	0.61		
13	1.44	1.08	0.72	2.5	2.0	1.44	1.87	1.25	2.9	2.5	2.0	1.44	1.44	1.25	1.02	0.72		
14	1.67	1.25	0.83	2.9	2.4	1.67	2.2	1.45	3.3	2.9	2.4	1.67	1.67	1.45	1.19	0.83		
16	2.2	1.64	1.09	3.8	3.1	2.2	2.8	1.90	4.4	3.8	3.1	2.2	2.2	1.90	1.55	1.09		
18	2.8	2.1	1.38	4.8	3.9	2.8	3.6	2.4	5.5	4.8	3.9	2.8	2.8	2.4	1.97	1.38		
20	3.4	2.6	1.70	5.9	4.8	3.4	4.4	3.0	6.8	5.9	4.8	3.4	3.4	3.0	2.4	1.70		
22	4.1	3.1	2.1	7.1	5.8	4.1	5.4	3.6	8.3	7.1	5.8	4.1	4.1	3.6	2.9	2.1		
24	4.9	3.7	2.5	8.5	6.9	4.9	6.4	4.3	9.8	8.5	6.9	4.9	4.9	4.3	3.5	2.5		
26	5.8	4.3	2.9	10.0	8.1	5.8	7.5	5.0	11.5	10.0	8.1	5.8	5.8	5.0	4.1	2.9		
28	6.7	5.0	3.3	11.6	9.4	6.7	8.7	5.8	13.4	11.6	9.4	6.7	6.7	5.8	4.7	3.3		
32	8.7	6.5	4.4	15.1	12.3	8.7	11.3	7.6	17.4	15.1	12.3	8.7	8.7	7.6	6.2	4.4		
MAXIMUM WORKING LOADS IN TONNES OF 1000kg for 1770 GRADE STEEL CORE																		
8	0.78	0.58	0.39	1.35	1.10	0.78	1.01	0.68	1.56	1.35	1.10	0.78	0.78	0.68	0.55	0.39		
9	0.99	0.74	0.49	1.71	1.40	0.99	1.29	0.86	1.98	1.71	1.40	0.99	0.99	0.86	0.70	0.49		
10	1.22	0.92	0.61	2.1	1.72	1.22	1.59	1.06	2.4	2.1	1.72	1.22	1.22	1.06	0.87	0.61		
11	1.48	1.11	0.74	2.6	2.1	1.48	1.92	1.29	3.0	2.6	2.1	1.48	1.48	1.29	1.05	0.74		
12	1.76	1.32	0.88	3.0	2.5	1.76	2.3	1.53	3.5	3.0	2.5	1.76	1.76	1.53	1.25	0.88		
13	2.1	1.55	1.04	3.6	2.9	2.1	2.7	1.80	4.1	3.6	2.9	2.1	2.1	1.80	1.47	1.04		
14	2.4	1.80	1.20	4.2	3.4	2.4	3.1	2.1	4.8	4.2	3.4	2.4	2.4	2.1	1.71	1.20		
16	3.1	2.3	1.56	5.4	4.4	3.1	4.1	2.7	6.2	5.4	4.4	3.1	3.1	2.7	2.2	1.56		
18	4.0	3.0	1.98	6.8	5.6	4.0	5.1	3.4	7.9	6.8	5.6	4.0	4.0	3.4	2.8	1.98		
20	4.9	3.7	2.4	8.4	6.9	4.9	6.3	4.2	9.8	8.4	6.9	4.9	4.9	4.2	3.5	2.4		
22	5.9	4.4	3.0	10.2	8.3	5.9	7.7	5.1	11.8	10.2	8.3	5.9	5.9	5.1	4.2	3.0		
24	7.0	5.3	3.5	12.2	9.9	7.0	9.1	6.1	14.1	12.2	9.9	7.0	7.0	6.1	5.0	3.5		
26	8.3	6.2	4.1	14.3	11.6	8.3	10.7	7.2	16.5	14.3	11.6	8.3	8.3	7.2	5.9	4.1		
28	9.6	7.2	4.8	16.6	13.5	9.6	12.4	8.3	19.1	16.6	13.5	9.6	9.6	8.3	6.8	4.8		
32	12.5	9.4	6.3	22	17.6	12.5	16.3	10.9	25	22	17.6	12.5	12.5	10.9	8.9	6.3		
36	15.8	11.9	7.9	27	22	15.8	21	13.8	32	27	22	15.8	15.8	13.8	11.2	7.9		
40	19.6	14.7	9.8	34	28	19.6	25	17.0	39	34	28	19.6	19.6	17.0	13.9	9.8		
44	24	17.7	11.8	41	33	24	31	21	47	41	33	24	24	21	16.8	11.8		
48	28	21	14.0	49	40	28	37	24	56	49	40	28	28	24	19.9	14.0		
52	33	25	16.6	57	47	33	43	29	66	57	47	33	33	29	24	16.6		
56	38	29	19.2	66	54	38	50	33	77	66	54	38	38	33	27	19.2		
60	44	33	22	76	62	44	57	38	88	76	62	44	44	38	31	22		

The above listed working loads represent machine swaged ferrule - secured eyes.

W.LL = Working Load Limit



# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

 TOLL FREE 1800 999 885 

## STEEL WIRE ROPE

### CONTENTS:

BLACK & GAL STRAND

TIRFOR ROPE

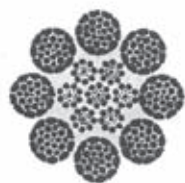
NON ROTATING

PVC COATED

STAINLESS STEEL

PLASTIC-IMPREGNATED

COMPACTED WIRE STRAND



# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

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### MANUFACTURE, TESTING AND RESEARCH

All Alloy Grade T (80) chains and components marketed as ATLAS CHAINS ALLOY GRADE T (80) CHAINS AND COMPONENTS have been approved by the appropriate International Lifting Authorities and where available throughout Australia by the relevant Statutory Authorities, for industrial lifting applications.

ATLAS CHAINS GRADE T (80) chains and components are manufactured from high grade alloy steels which are carefully selected and prior to acceptance, carefully analysed to see that they are as per specifications. The finished product is then thoroughly tested after manufacture and test certificates are available on all products on request.

### MECHANICAL PROPERTIES

ATLAS CHAINS GRADE T (80) chain is manufactured to conform to the mechanical properties and test requirements of Grade T chain as specified in AS2321-1979 being short link chain for lifting purposes (non calibrated), ensuring the following minimum values:

MEAN STRESS AT MINIMUM BREAKING LOAD: 800 MPa

MEAN STRESS AT MINIMUM FACTORY PROOF LOAD: 500 MPa

MEAN STRESS AT MINIMUM PROOF LOAD: 400 MPa

MEAN STRESS AT MINIMUM WORKING LOAD LIMIT: 200 MPa

FACTOR OF SAFETY: 40

MINIMUM ELONGATION AT BREAK: 17%

ATLAS CHAINS GRADE T (80) components conform with the requirements of AS3776-2004; slings supplied and proof tested by Atlas Chains made up from Atlas Chains Alloy Grade T (80) chains and components, meet the requirements of AS3775-2004.

NOTE: Dimensions quoted are approximate and subject to commercial tolerance and may be subject to change without notice.





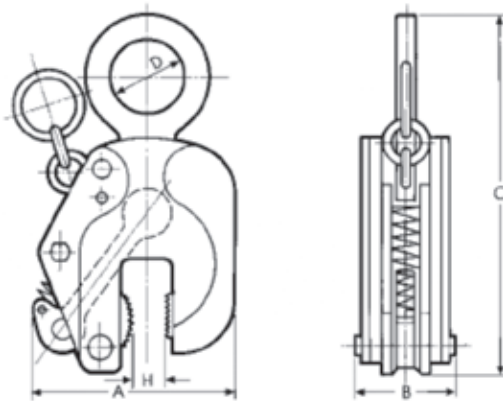
# ATLAS CHAINS

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Vertical Plate Lifting Clamps  
Capacities: 1 tonne to 3 tonnes



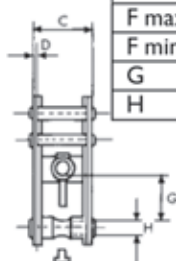
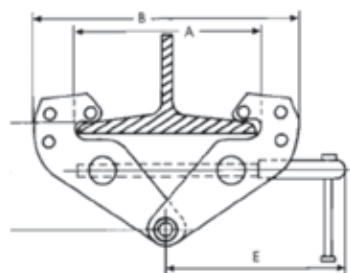
- Robust all-steel construction
- Safety lock
- Wide plate acceptance
- Hardened pressure plate and tongue
- Durable baked enamel paint protection

Spare parts always available	OVPC1-	OVPC2-	OVPC3-
Capacity (tonnes)	1	2	3
Test (KN)	14.71	29.42	44.13
To suit plate thickness (mm)	2 - 30	2 - 40	2 - 50
Net weight (Kg)	4.5	7.5	12.5
<b>Clearance Dimensions (mm)</b>			
A max.	144	170	207
B	70	82.5	88
C min.	286	297	336
D	60	60	60
H max.	30	40	50



Girder Clamps Capacities: 1 tonne to 10 tonnes  
Complies with ASI418.2

Product Code	OGC1	OGC2	OGC3	OGC5	OGC10
Safe working load (tonnes)	1	2	3	5	10
Adjustable beam width (mm)	75 - 230	75 - 230	80 - 320	90 - 320	90 - 320
<b>Clearance Dimensions (mm)</b>					
A max.	278	278	356	356	356
B min.	182	182	220	220	250
B max.	380	380	500	500	520
C	64	74	100	112	120
D	4	6	8	10	12
E	217	217	277	277	285
F max.	150	150	220	220	230
F min.	90	90	145	145	160
G	26	26	50	47	52
H	19	21	23	29	39



- Robust all-steel construction
- Durable baked enamel paint protection
- Super quick adjustment to any girder width in range
- Spare parts always available

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

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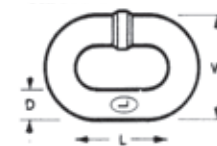
## CHAIN - Grade L "Tested"

### SHORT LINK

CHAIN SIZE mm	CODE SC	M.W.L.* tonnes	LINK DIMENSIONS (mm)			LINKS PER METRE	METRES PER 100KG	
			D	L	W		SELF COLOUR	HOT-DIP GALV.
5	SL05	0.25	5.00	14.6	16.9	68.3	180	171
6	SL06	0.40	6.30	18.5	21.3	54.2	113	108
8	SL08	0.64	8.00	23.4	27.0	42.7	70.4	66.8
10	SL10	1.00	10.0	29.3	33.8	34.1	45.0	42.8
13	SL13	1.70	13.0	38.1	43.9	26.3	26.6	25.3
16	SL16	2.58	16.0	46.9	54.1	21.3	17.6	16.7
20	SL20	4.03	20.0	58.6	67.6	17.1	11.3	10.7
22	SL22	5.07	22.0	62.0	78.4	16.1	9.5	9.2
24	SL24	5.81	24.0	70.3	81.1	14.2	7.82	7.43

Above dimensions and weights subject to commercial tolerances.

Larger Sizes on Application



#### IDENTIFICATION

This grade supersedes our "BBB-30" Mild Steel chain; it is the highest quality lower tensile steel chain for lifting purposes with Working Load Limits (W.L.L.) in excess of chain manufactured to BS590-1949.

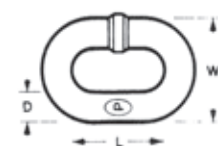
Stamped L every 20th link or at intervals not exceeding 1 metre, whichever is the lesser distance.

## CHAIN - Grade P

### HIGHER TENSILE SHORT LINK

CHAIN SIZE mm	CODE SC	M.W.L.* tonnes	LINK DIMENSIONS (mm)			LINKS PER METRE	METRES PER 100KG	
			D	L	W		SELF COLOUR	HOT-DIP GALV.
5	SP05	0.50	5.00	14.6	16.9	68.3	180	171
6	SP06	0.79	6.30	18.5	21.3	54.2	113	108
8	SP08	1.28	8.00	25.0	28.0	42.7	70.4	66.8
10	SP10	2.00	10.0	30.0	33.8	34.1	45.0	42.8
13	SP13	3.38	13.0	38.4	43.9	26.3	26.6	25.3
16	SP16	5.12	16.0	46.9	54.1	21.3	17.6	16.7
20	SP20	8.00	20.0	58.6	67.6	17.1	11.3	10.7
24	SP24	11.5	24.0	70.3	81.1	14.2	7.82	7.43

Above dimensions and weights subject to commercial tolerances.



#### IDENTIFICATION

This grade supersedes "HT-40" Higher Tensile chain; it is manufactured from higher tensile steel (hardened and tempered), and provides twice the Working Load Limit (W.L.L.) of Grade L. These capacities are well in excess of BS1663-1959 and BS4942/2-1973 specifications.

Stamped P every 20th link or at intervals not exceeding 1 metre, whichever is the lesser distance.

# ATLAS CHAINS

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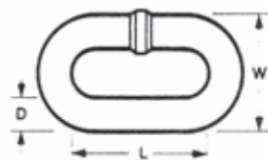
TOLL FREE 1800 999 885

## CHAIN - Mild Steel regular proof coil

### REGULAR

CHAIN SIZE mm	CODE SC	M.W.L.* tonnes	LINK DIMENSIONS (mm)			LINKS PER METRE	METRES PER 100KG	
			D	L	W		SELF COLOUR	HOT-DIP GALV.
3	SC03	0.06	3.15	15.7	13.1	63.8	524	498
4	SC04	0.11	4.00	19.0	16.0	53.9	321	305
5	SC05	0.19	5.00	22.0	19.4	45.5	203	193
6	SC06	0.32	6.00	28.0	23.0	37.8	127	120
8	SC08	0.53	8.00	31.0	31.0	31.0	78.0	74.1
10	SC10	0.86	10.0	38.0	38.0	25.6	49.6	47.1
13	SC13	1.50	13.0	48.0	47.0	20.3	29.2	27.1
16	SC16	2.31	16.0	59.6	58.0	16.8	19.2	18.2
20	SC20	3.67	20.0	73.3	70.0	13.6	12.2	11.6
24	SC24	5.34	24.0	87.0	83.6	11.5	8.46	8.04

Link dimensions and metres per 100 kg subject to commercial tolerances.



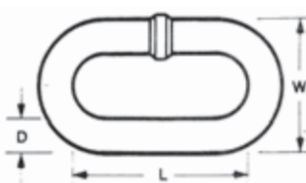
This chain has been designed with link dimensions most suitable for general purpose usage. Mild steel chain is proof tested to at least twice the maximum load recommended for normal use but is **NOT SUITABLE FOR INDUSTRIAL LIFTING OR OTHER PURPOSES** SUBJECT TO CONTROL BY STATUTORY AUTHORITIES.

## CHAIN - Long link proof coil

### LONG LINK

CHAIN SIZE mm	CODE SC	M.W.L.* tonnes	LINK DIMENSIONS (mm)			LINKS PER METRE	METRES PER 100KG	
			D	L	W		SELF COLOUR	HOT-DIP GALV.
3	SC03	0.05	3.15	22.1	15.5	45.3	560	532
4	SC04	0.09	4.00	25.4	18.4	39.3	343	326
5	SC05	0.15	5.00	29.3	21.8	34.1	217	206
6	SC06	0.26	6.30	35.0	26.2	29.1	135	129
8	SC08	0.46	8.00	42.0	31.9	24.4	83.1	79.0
10	SC10	0.75	10.0	49.0	38.7	20.5	52.8	50.1

Link dimensions and metres per 100 kg subject to commercial tolerances.



This is a long link general purpose chain and provides more metres per 100 kg. This mild steel chain is proof tested to at least twice the maximum load recommended for normal use but is **NOT SUITABLE FOR LIFTING OR OTHER PURPOSES** SUBJECT TO CONTROL BY STATUTORY AUTHORITIES.

BRISBANE: 35 Manton St Bulimba QLD 4171  
Telephone: (07) 3899 2933 • Fax (07) 3899 2976  
Email Address: atlas@uq.net.au

Page 20

# ATLAS CHAINS

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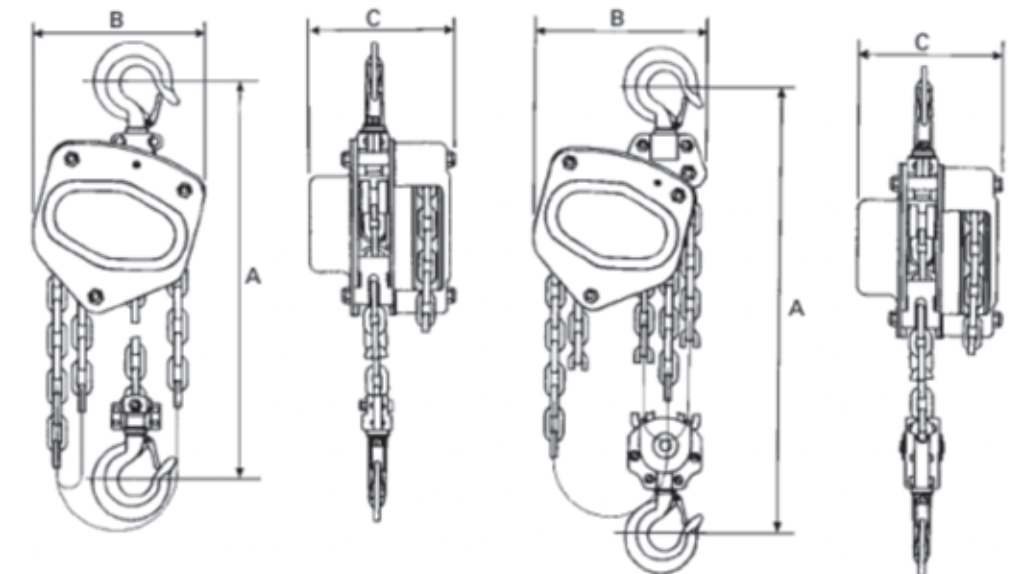
TOLL FREE 1800 999 885

## 'S'SERIES CHAIN BLOCKS

Capacities: 500kg to 20 tonnes

Complies with AS 1418.2

Dimensions:



0.5, 1, 1.5 & 2 tonne

3 & 5 tonne

Product Code	SOCB05	SOCB1	SOCB1.5	SOCB2	SOCB3	SOCB5	SOCB10
Safe working load (tonnes)	0.5	1	1.5	2	3	5	10
Standard lift (metres)	3	3	3	3	3	3	3
Falls of chain	1	1	1	1	2	2	4
Effort to lift S.W.L. (Kg)	23	30	32	35	27	41	39
Net weight (Kg)	10	12	13	22	32	46	68
Loadchain diameter (mm)	6	6m	8	8	8	10	10
Clearance Dimensions (mm)							
A (Headroom)	270	317	399	414	465	636	750
B (Width)	127	158	187	187	210	253	373
C (Depth)	131	140	161	161	161	161	184
Hook opening (upper)	30	28	36	33.5	40	50	64
Hook opening (lower)	30	28	36	33.5	40	50	64

- Lightweight robust construction
- Super strength alloy load chain
- Fully machined lift wheel
- Minimum headroom
- Minimum effort to raise maximum load
- Cast steel safety latches
- Lower hook complete with thrust race
- Fully enclosed gear train
- Weather protected automatic Weston brake with unique Twin Pawls
- Galvanised hand chain as standard
- Durable baked enamel paint protection
- Stainless steel labels
- Spare parts always available

BRISBANE: 35 Manton St Bulimba QLD 4171  
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Page 33



# ATLAS CHAINS

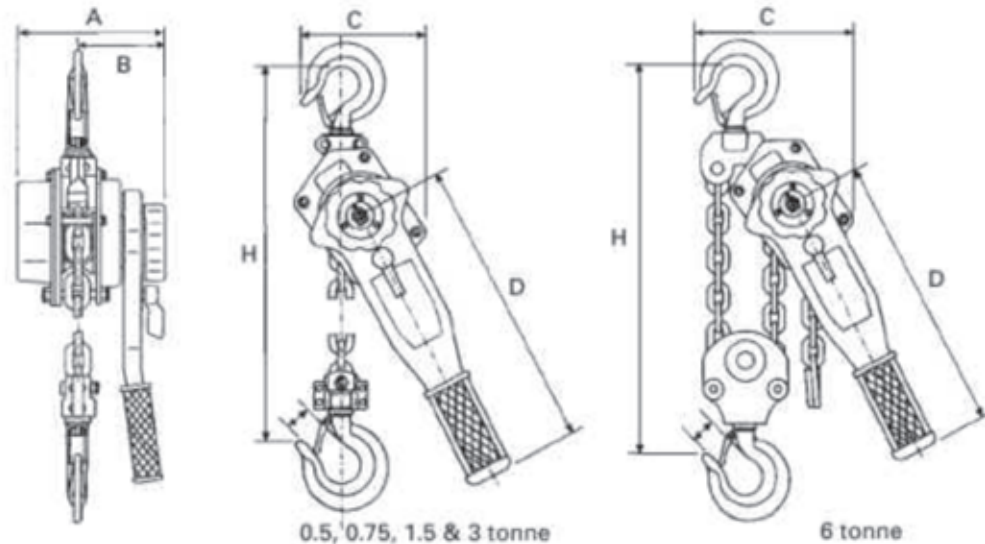
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## 'S' SERIES LEVER BLOCKS

Capacities: 500Kg to 6 tonnes

Complies with AS 1418.2



Product Code	SOLB05	SOLB075	SOLB150	SOLB300	SOLB600
Safe working load (tonnes)	0.5	0.75	1.5	3	6
Standard lift (metres)	1.5	1.5	1.5	1.5	1.5
Test load (KN)	7.5	11.3	22.5	45	90
Effort on lever to lift full load (Kg)	28	14	22	32	34
Falls of chain	1	1	1	1	2
Diameter of load chain (mm)	5	6	8	10	10
Net weight (Kg)	4	7	11	21	31
<b>Clearance Dimensions (mm)</b>					
A (Depth)	105	148	172	200	200
B	78	90	98	115	115
C (Width)	80	136	160	180	235
D (Lever handle length)	300	280	410	410	410
E	20	30	35	40	50
H (Headroom)	260	325	380	480	620

- Robust all-steel construction
- Super strength alloy loadchain
- Minimum effort to raise maximum load
- Fully enclosed gear train
- Weather protected automatic Weston brake
- Fully machined lift wheel
- Cast steel safety latches
- Malleable hook forgings
- All gears and shafts running on roller bearings or bushes
- Durable baked enamel paint protection
- Stainless steel labels
- Spare parts always available

# ATLAS CHAINS

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## Stud Link Chain



Test loads for stud link chain cables (metric units)

Chain diameter mm	Grade U1		Grade U2		Grade U3		Weight per 15 Fathom Kgs
	Proof load tonne-f	Breaking load tonne-f	Proof load tonne-f	Breaking load tonne-f	Proof load tonne-f	Breaking load tonne-f	
12.5	4.7	6.7	6.7	9.4	9.4	13.5	106
14	5.9	8.4	8.4	11.8	11.8	16.8	129
16	7.7	10.9	10.9	15.3	15.3	22.0	160
17.5	9.1	13.0	13.0	18.3	18.3	26.1	190
19	10.7	15.3	15.3	21.5	21.5	30.7	220
20.5	12.5	17.8	17.8	24.9	24.9	35.6	250
22	14.3	20.4	20.4	28.6	28.6	40.9	290
24	17.0	24.2	24.2	33.9	33.9	48.5	350
26	19.8	28.3	28.3	39.7	39.7	56.7	410
28	22.9	32.7	32.7	45.8	45.8	65.5	480
30	26.2	37.5	37.5	52.4	52.4	74.9	550
32	29.7	42.5	42.5	59.4	59.4	84.9	620
34	33.4	47.7	47.7	66.8	66.8	95.5	700
36	37.3	53.3	53.3	74.6	74.6	107.0	785
38	41.4	59.2	59.2	82.8	82.8	118.0	875
40	45.7	65.3	65.3	91.4	91.4	131.0	965
42	50.2	71.7	71.7	100.0	100.0	143.0	1055
44	54.9	78.4	78.4	110.0	110.0	157.0	1150
46	59.7	85.3	85.3	119.0	119.0	171.0	1260
48	64.8	92.6	92.6	130.0	130.0	185.0	1370
50	70.0	100.0	100.0	140.0	140.0	200.0	1485
52	75.4	108.0	108.0	151.0	151.0	215.0	1605
54	81.0	116.0	116.0	162.0	162.0	231.0	1725
56	86.8	124.0	124.0	174.0	174.0	248.0	1850
58	92.7	132.0	132.0	185.0	185.0	265.0	1985
60	98.8	141.0	141.0	198.0	198.0	282.0	2125
62	105.0	150.0	150.0	210.0	210.0	300.0	2275
64	112.0	159.0	159.0	223.0	223.0	319.0	2430
66	118.0	169.0	169.0	236.0	236.0	337.0	2590
68	125.0	178.0	178.0	250.0	250.0	357.0	2755
70	132.0	188.0	188.0	263.0	263.0	376.0	2925
73	142.0	203.0	203.0	285.0	285.0	407.0	3185
76	153.0	219.0	219.0	307.0	307.0	438.0	3460
78	161.0	230.0	230.0	322.0	322.0	459.0	3640
81	172.0	246.0	246.0	345.0	345.0	492.0	3940
84	184.0	263.0	263.0	368.0	368.0	526.0	4246
87	196.0	280.0	280.0	393.0	393.0	561.0	4562
90	209.0	298.0	298.0	417.0	417.0	596.0	4855
92	217.0	310.0	310.0	434.0	434.0	620.0	5103
95	230.0	329.0	329.0	460.0	460.0	657.0	—
97	239.0	341.0	341.0	477.0	477.0	682.0	5750
100	252.0	360.0	360.0	504.0	504.0	720.0	6010

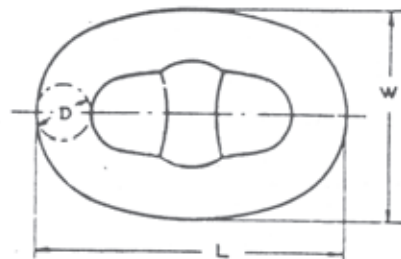
Also Available: Oil Rig Quality and U4

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SPECIALISTS IN MARINE & LIFTING EQUIPMENT

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## Common Links



$$D = d \pm \text{Tolerance}$$

$$L = 6d + 0.15d$$

$$W = 3.6d \pm 0.1d$$

Nominal diameter d mm	Diameter			Length		Width		
	Minimum	Standard	Maximum	Standard	Maximum	Minimum	Standard	Maximum
	mm	mm	mm	mm	mm	mm	mm	mm
16	15.5	16.0	17.5	96.0	98.4	56.0	57.6	59.2
17	16.5	17.0	18.5	102.0	104.6	59.5	61.2	62.9
18	17.5	18.0	19.5	108.0	110.7	63.0	64.8	66.6
19	18.5	19.0	20.5	114.0	116.9	66.5	68.4	70.3
20	19.5	20.0	21.5	120.0	123.0	70.0	72.0	74.0
21	20.5	21.0	22.5	126.0	129.2	73.5	75.6	77.7
22	21.5	22.0	23.5	132.0	135.3	77.0	79.2	81.4
23	22.5	23.0	24.5	138.0	141.5	80.5	82.8	85.1
24	23.5	24.0	25.5	144.0	147.6	84.0	86.4	88.8
25	24.5	25.0	26.5	150.0	153.8	87.5	90.0	92.5
26	25.5	26.0	27.5	156.0	159.9	91.0	93.6	96.2
27	26.5	27.0	28.5	162.0	166.1	94.5	97.2	99.9
28	27.5	28.0	29.5	168.0	172.2	98.0	100.8	103.6
29	28.5	29.0	30.5	174.0	178.4	101.5	104.4	107.3
30	29.5	30.0	32.0	180.0	184.5	105.0	108.0	111.0
32	31.5	32.0	34.0	192.0	196.8	112.0	115.2	118.4
34	33.5	34.0	36.0	204.0	209.1	119.0	122.4	125.8
36	35.5	36.0	38.0	216.0	221.4	126.0	129.6	133.2
38	37.5	38.0	40.0	228.0	233.7	133.0	136.8	140.6
40	39.5	40.0	42.0	240.0	246.0	140.0	144.0	148.0
42	41.5	42.0	44.0	252.0	258.3	147.0	151.2	155.4
44	43.5	44.0	46.0	264.0	270.6	154.0	158.4	162.8
46	45.5	46.0	48.0	276.0	282.9	161.0	165.6	170.2
48	47.5	48.0	50.0	288.0	295.2	168.0	172.8	177.6
50	49.5	50.0	52.0	300.0	307.5	175.0	180.0	185.0
52	51.0	52.0	54.5	312.0	319.8	182.0	187.2	192.4
54	53.0	54.0	56.5	324.0	332.1	189.0	194.4	199.8
56	55.0	56.0	58.5	336.0	344.4	196.0	201.6	207.2
58	57.0	58.0	60.5	348.0	356.7	203.0	208.8	214.6
60	59.0	60.0	62.5	360.0	369.0	210.0	216.0	222.0
62	61.0	62.0	64.5	372.0	381.3	217.0	223.2	229.4
64	63.0	64.0	66.5	384.0	393.6	224.0	230.4	236.8
66	65.0	66.0	68.5	396.0	405.9	231.0	237.6	244.2
68	67.0	68.0	70.5	408.0	418.2	238.0	244.8	251.6
70	69.0	70.0	72.5	420.0	430.5	245.0	252.0	259.0
72	71.0	72.0	75.0	432.0	442.8	252.0	259.2	266.4
74	73.0	74.0	77.0	444.0	455.1	259.0	266.4	273.8
76	75.0	76.0	79.0	456.0	467.4	266.0	273.6	281.2
78	77.0	78.0	81.0	468.0	479.7	273.0	280.8	288.6
80	79.0	80.0	83.0	480.0	492.0	280.0	288.0	296.0
82	81.0	82.0	85.0	492.0	504.3	287.0	295.2	303.4
85	84.0	85.0	88.0	510.0	522.8	297.5	306.0	314.5
88	87.0	88.0	91.0	528.0	541.2	308.0	316.8	325.6
91	90.0	91.0	94.5	546.0	559.7	318.5	327.6	336.7
94	93.0	94.0	97.5	564.0	578.1	329.0	338.4	347.8
97	96.0	97.0	100.5	582.0	596.6	339.5	349.2	358.9
100	99.0	100.0	103.5	600.0	615.0	350.0	360.0	370.0

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

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## Height Safety Equipment



- Fall arrest harnesses
- Lanyards and accessories
- Pole straps
- Miner's and Linesman belts
- Tripods
- Rescue equipment
- Fall prevention systems
- Ropes and accessories
- Work position devices
- Descending equipment



Automatic Retractable Lanyards

## Life Line Systems



Shock Absorbing Lanyards

## Fall Arrest Blocks





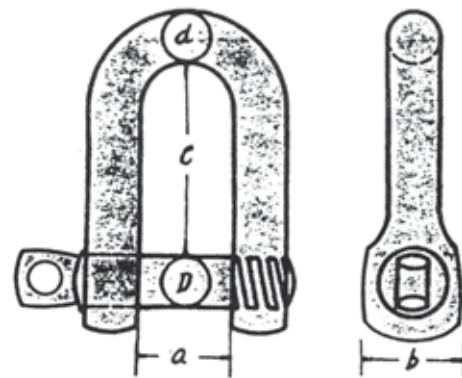
# ATLAS CHAINS

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## METRIC STANDARD DEE SHACKLES

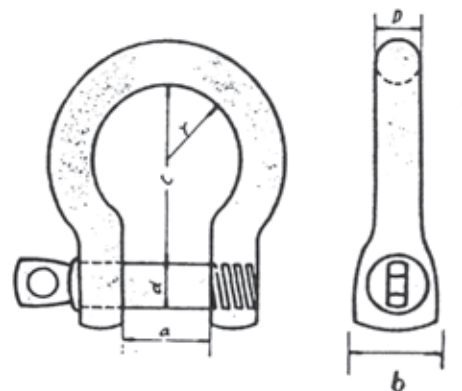
SAME SIZE DIAMETER PIN WITH BODY



D	d	a	c	b	Weight per 100 pce
mm	mm	mm	mm	mm	kg
5	5	10	19	11	1.9
6	6	13	25	14	3.4
8	8	16	32	18	7
10	10	19	38	20	13
12	12	25	51	26	24
16	16	32	64	33	50
20	20	38	76	40	80
22	22	44	89	50	130
24	25	51	100	57	200

## METRIC STANDARD BOW SHACKLES

SAME SIZE DIAMETER PIN WITH BODY



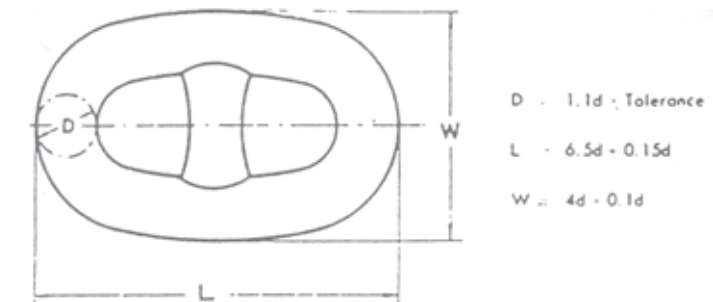
D	d	a	c	r	b	Approx 100 pce/WT
mm	mm	mm	mm	mm	mm	kg
5	5	10	19	8	11	1.9
6	6	13	25	10	14	3.4
8	8	16	32	12	18	7
10	10	19	38	16	20	13
12	12	25	51	19	26	26
16	16	32	64	28	33	50
20	20	38	76	33	40	80
22	22	44	89	37	50	130
24	25	51	100	40	57	200

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

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### Enlarged Links



Nominal diameter d mm	Diameter			Length		Width		
	Minimum	Standard	Maximum	Standard	Maximum	Minimum	Standard	Maximum
	mm	mm	mm	mm	mm	mm	mm	mm
16	17.1	17.6	19.1	104.0	106.4	62.4	64.0	65.6
17	18.2	18.7	20.2	110.5	113.1	66.3	68.0	69.7
18	19.3	19.8	21.3	117.0	119.7	70.2	72.0	73.8
19	20.4	20.9	22.4	123.5	126.4	74.1	76.0	77.9
20	21.5	22.0	23.5	130.0	133.0	78.0	80.0	82.0
21	22.6	23.1	24.6	136.5	139.7	81.9	84.0	86.1
22	23.7	24.2	25.7	143.0	145.3	85.8	88.0	90.2
23	24.8	25.3	26.8	149.5	153.0	89.7	92.0	94.3
24	25.9	26.4	27.9	156.0	159.6	93.6	96.0	98.4
25	27.0	27.5	29.0	162.5	166.3	97.5	100.0	102.5
26	28.1	28.6	30.1	169.0	172.9	101.4	104.0	106.6
27	29.2	29.7	31.2	175.0	179.6	105.3	108.0	110.7
28	30.3	30.8	32.3	182.0	186.2	109.2	112.0	114.8
29	31.4	31.9	33.4	188.5	192.9	113.1	116.0	118.9
30	32.5	33.0	35.0	195.0	199.5	117.0	120.0	123.0
32	34.7	35.2	37.2	208.0	212.8	124.8	128.0	131.2
34	36.9	37.4	39.4	221.0	226.1	132.6	136.0	139.4
36	39.1	39.6	41.6	234.0	239.4	140.4	144.0	147.6
38	41.3	41.8	43.8	247.0	252.7	148.2	152.0	155.8
40	43.5	44.0	46.0	260.0	266.0	156.0	160.0	164.0
42	45.7	46.2	48.2	273.0	279.3	163.8	168.0	172.2
44	47.9	48.4	50.4	286.0	292.6	171.6	176.0	180.4
46	50.1	50.6	52.6	299.0	305.9	179.4	184.0	188.6
48	52.3	52.8	54.8	312.0	319.2	187.2	192.0	196.8
50	54.5	55.0	57.0	325.0	332.5	195.0	200.0	205.0
52	56.7	57.2	59.2	338.0	345.8	202.8	208.0	213.2
54	58.9	59.4	61.4	351.0	359.1	210.6	216.0	221.4
56	61.1	61.6	63.6	364.0	372.4	218.4	224.0	229.6
58	63.3	63.8	65.8	377.0	385.7	226.2	232.0	237.8
60	65.5	66.0	68.0	390.0	399.0	234.0	240.0	246.0
62	67.7	68.2	70.2	403.0	412.3	241.8	248.0	254.2
64	69.9	70.4	72.4	416.0	425.6	249.6	256.0	262.4
66	72.1	72.6	74.6	429.0	438.9	257.4	264.0	270.6
68	74.3	74.8	76.8	442.0	452.2	265.2	272.0	278.8
70	76.5	77.0	79.0	455.0	465.5	273.0	280.0	287.0
72	78.7	79.2	81.2	468.0	478.8	280.8	288.0	295.2
74	80.9	81.4	83.4	481.0	492.1	288.6	296.0	303.4
76	83.1	83.6	85.6	494.0	505.4	296.4	304.0	311.6
78	85.3	85.8	87.8	507.0	518.7	304.2	312.0	319.8
80	87.5	88.0	90.0	520.0	532.0	312.0	320.0	328.0
82	89.7	90.2	92.2	533.0	545.3	319.8	328.0	336.2
84	91.9	92.4	94.4	546.0	558.6	327.6	336.0	344.4
86	94.1	94.6	96.6	559.0	571.9	335.4	344.0	352.6
88	96.3	96.8	98.8	572.0	585.2	343.2	352.0	360.8
90	98.5	99.0	101.0	585.0	597.5	351.0	360.0	368.4
92	100.7	101.2	103.2	598.0	610.8	358.8	368.0	376.8
94	102.9	103.4	105.4	611.0	624.1	366.6	376.0	385.4
96	105.1	105.6	107.6	624.0	637.4	374.4	384.0	393.4
98	107.3	107.8	109.8	637.0	650.7	382.2	392.0	401.4
100	109.5	110.0	112.0	650.0	664.0	390.0	400.0	410.0

# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

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## End links



Nominal diameter d mm	Diameter			Length		Width	
	Minimum	Standard	Maximum	Standard	Maximum	Standard	Maximum
	mm	mm	mm	mm	mm	mm	mm
16	18.7	19.2	20.7	108.0	110.4	64.0	66.4
17	19.9	20.4	21.9	114.8	117.3	68.0	70.6
18	21.1	21.6	23.1	121.5	124.2	72.0	74.7
19	22.3	22.8	24.3	128.3	131.1	76.0	78.9
20	23.5	24.0	25.5	135.0	138.0	80.0	83.0
21	24.9	25.2	26.7	141.8	144.9	84.0	87.2
22	25.9	26.4	27.9	148.5	151.8	88.0	91.3
23	27.1	27.6	29.1	155.3	158.7	92.0	95.5
24	28.3	28.8	30.3	162.0	165.6	96.0	99.6
25	29.5	30.0	31.5	168.8	172.5	100.0	103.8
26	30.7	31.2	32.7	175.5	179.4	104.0	107.9
27	31.9	32.4	33.9	182.3	186.3	108.0	112.1
28	33.1	33.6	35.1	189.0	193.2	112.0	116.2
29	34.3	34.8	36.3	195.8	200.1	116.0	120.4
30	35.5	36.0	38.0	202.5	207.0	120.0	124.5
32	37.9	38.4	40.4	216.0	220.8	128.0	132.8
34	40.3	40.8	42.8	229.5	234.6	136.0	141.1
36	42.8	43.2	45.2	243.0	248.4	144.0	149.4
38	45.1	45.6	47.6	256.5	262.2	152.0	157.7
40	47.5	48.0	50.0	270.0	276.0	160.0	166.0
42	49.9	50.4	52.4	283.5	289.8	168.0	174.3
44	52.3	52.8	54.8	297.0	303.6	176.0	182.6
46	54.7	55.2	57.2	310.5	317.4	184.0	190.9
48	57.1	57.6	59.6	324.0	331.2	192.0	199.2
50	59.5	60.0	62.0	337.5	345.0	200.0	207.5
52	61.4	62.4	64.9	351.0	358.8	208.0	215.8
54	63.5	64.8	67.3	364.5	372.6	216.0	224.1
56	66.2	67.2	69.7	378.0	386.4	224.0	232.4
58	68.6	69.6	72.1	391.5	400.2	232.0	240.7
60	71.0	72.0	74.5	405.0	414.0	240.0	249.0
62	73.4	74.4	76.9	418.5	427.8	248.0	257.3
64	75.8	76.8	79.3	432.0	441.6	256.0	265.6
66	78.2	79.2	81.7	445.5	455.4	264.0	273.9
68	80.6	81.6	84.1	459.0	469.2	272.0	282.2
70	83.0	84.0	86.5	472.5	483.0	280.0	290.5
72	85.4	86.4	89.4	486.0	496.8	288.0	298.8
74	87.8	88.8	91.8	499.5	510.6	296.0	307.1
76	90.2	91.2	94.2	513.0	524.4	304.0	315.4
78	92.6	93.6	96.6	526.5	538.2	312.0	323.7
80	95.0	96.0	99.0	540.0	552.0	320.0	332.0
82	97.4	98.4	101.4	553.5	565.8	328.0	340.3
85	101.0	102.0	105.0	573.8	586.5	340.0	352.8
88	104.6	105.6	108.6	594.0	607.2	352.0	365.2
91	108.2	109.2	112.7	614.3	627.9	364.0	377.7
94	111.8	112.8	116.3	634.5	648.6	376.0	390.1
97	115.4	116.4	119.9	654.8	669.3	388.0	402.6
100	119.0	120.0	123.5	675.0	690.0	400.0	415.0

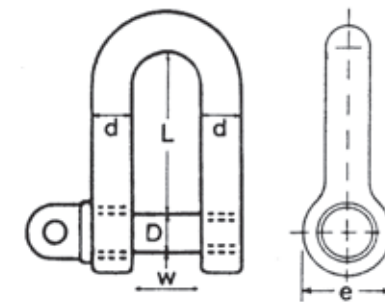
# ATLAS CHAINS

SPECIALISTS IN MARINE & LIFTING EQUIPMENT

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## MILD STEEL GRADE 'L' LARGE DEE SHACKLES TO AS2741

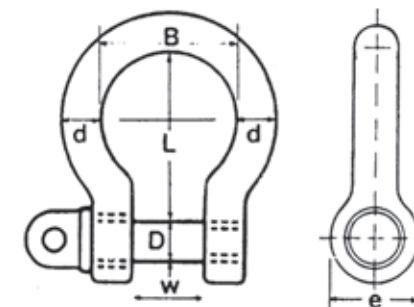
With screw collar pin



W.L.L.	d	D	w	L	e
T.	mm	mm	mm	mm	mm
0.40	10	13	19	38	25
0.60	13	16	28	54	32
1.1	16	19	32	63	38
1.6	19	22	38	73	44
2.3	22	25	44	83	51
3.0	25	29	51	95	57
3.8	29	32	54	105	63
4.5	32	35	60	114	70
5.5	35	38	67	127	76
6.5	38	41	70	137	89
8.5	44	48	83	156	102
12.0	51	57	98	187	114
15.0	57	63	108	210	127

## MILD STEEL GRADE 'L' LARGE BOW SHACKLES TO AS2741

With screw collar pin



W.L.L.	d	D	w	L	e
T.	mm	mm	mm	mm	mm
0.35	10	13	16	25	41
0.60	13	16	22	32	54
1.00	16	19	29	41	70
1.5	19	22	35	51	86
2.0	22	25	41	57	98
2.8	25	29	44	64	108
3.5	29	32	51	73	124
4.3	32	35	57	83	137
5.5	35	38	64	89	152
6.5	38	41	70	98	168



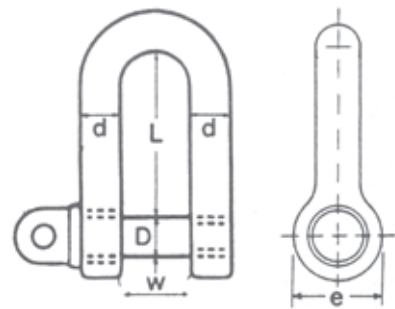
# ATLAS CHAINS

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## HIGH TENSILE STEEL GRADE 'M' LARGE DEE SHACKLES TO AS2741

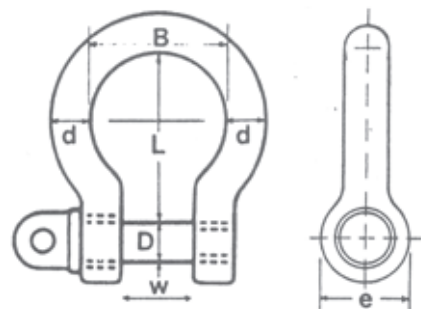
With screw collar pin



W.L.L.	d	D	w	L	e
T.	mm	mm	mm	mm	mm
0.25	6	10	13	25	19
0.50	10	13	19	38	25
0.75	13	16	28	54	32
1.5	16	19	32	63	38
2.0	19	22	38	73	44
3.0	22	25	44	83	51
3.8	25	29	51	95	57
5.0	29	32	54	105	63
6.0	32	35	60	114	70
7.0	35	38	67	127	76
9.5	38	44	70	137	89
11.0	41	48	76	146	95
13.0	44	51	83	156	102
14.0	48	54	92	178	108
16.0	51	57	98	187	114
20.0	57	63	108	210	127

## HIGH TENSILE STEEL GRADE 'M' LARGE BOW SHACKLES TO AS2741

With screw collar pin



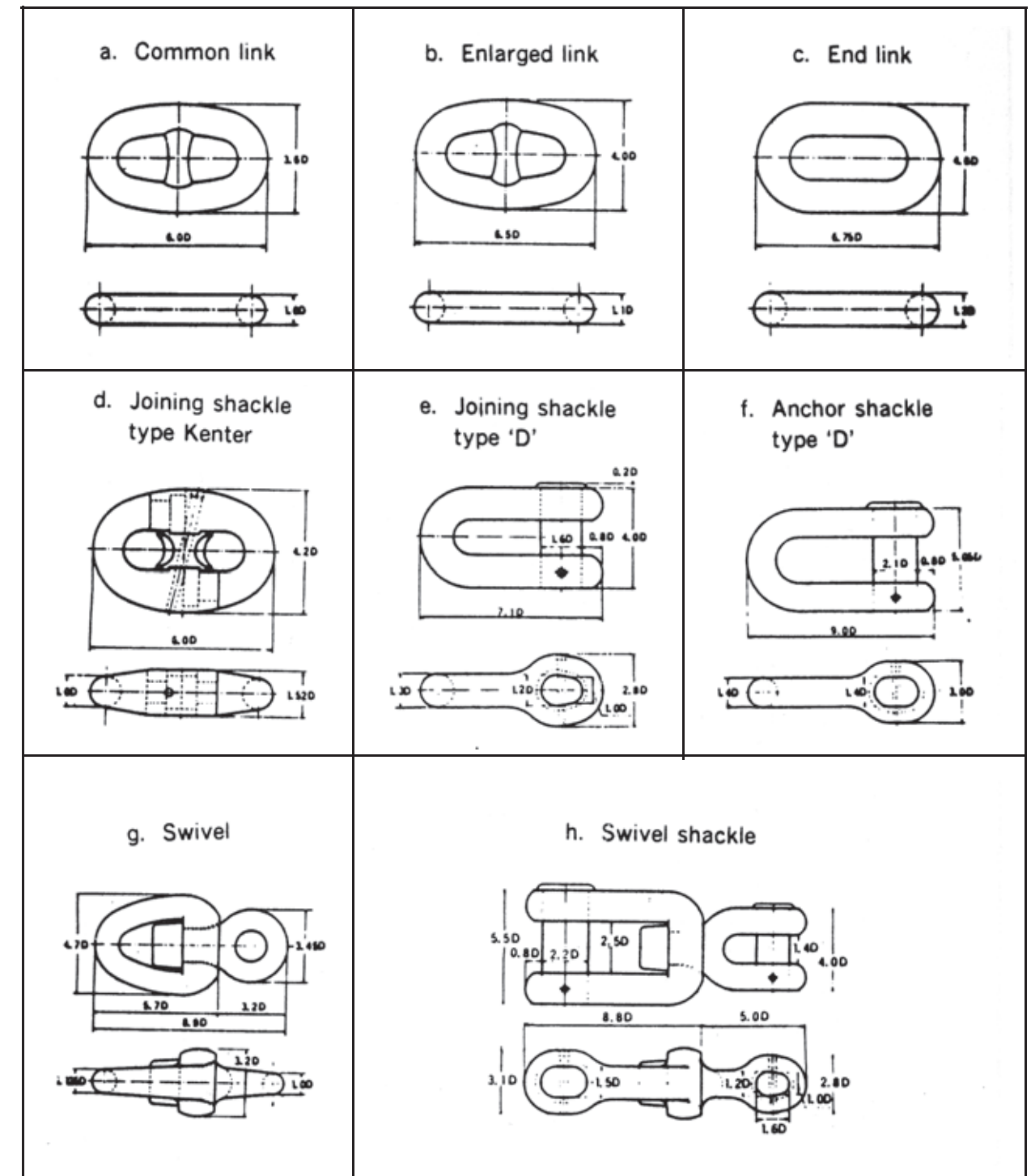
W.L.L.	d	D	w	B	L	e
T.	mm	mm	mm	mm	mm	mm
0.45	10	13	16	25	41	25
0.75	13	16	22	32	54	32
1.30	16	19	29	41	70	38
2.00	19	22	35	51	86	44
2.80	22	25	41	57	98	51
3.80	25	29	44	64	108	57
4.80	29	32	51	73	124	64
5.80	32	35	57	83	137	70

# ATLAS CHAINS

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## STUD LINK CHAIN FITTINGS DETAILS

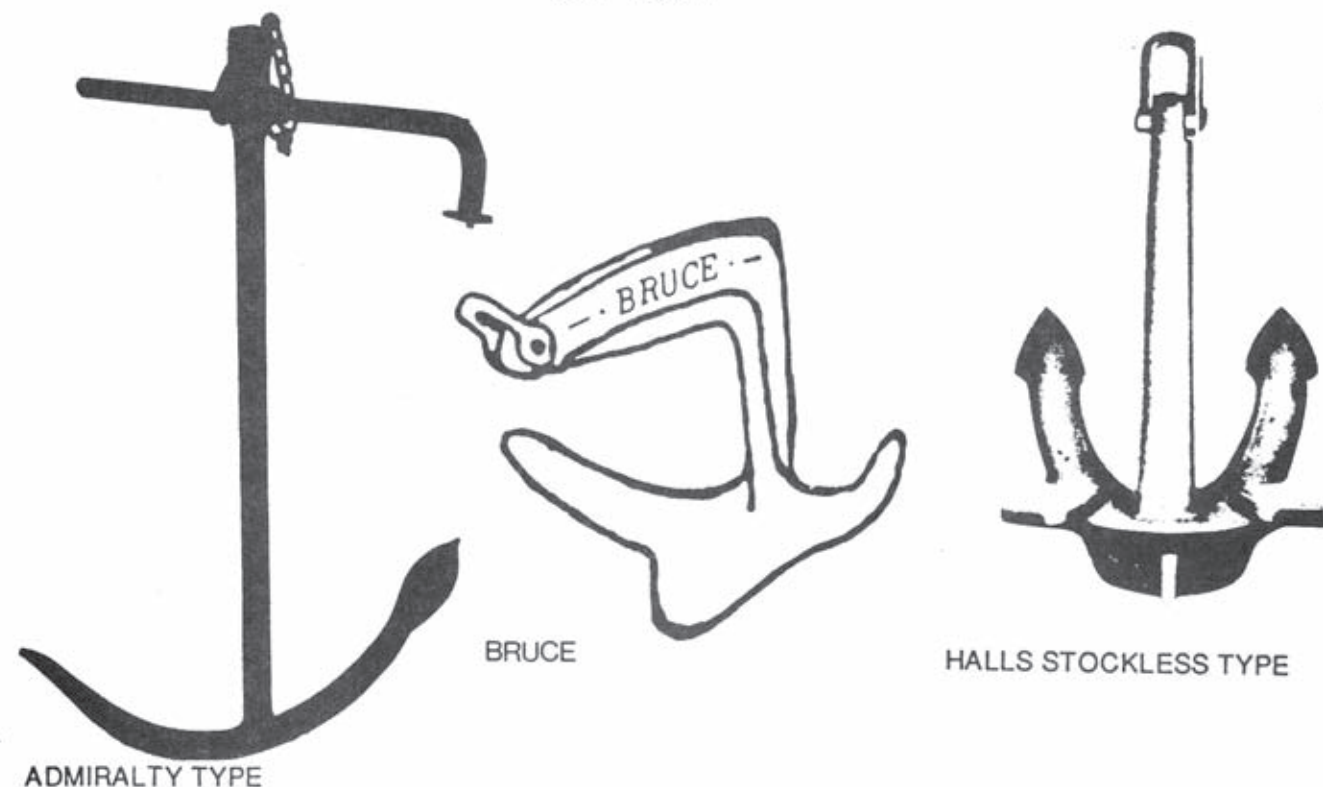
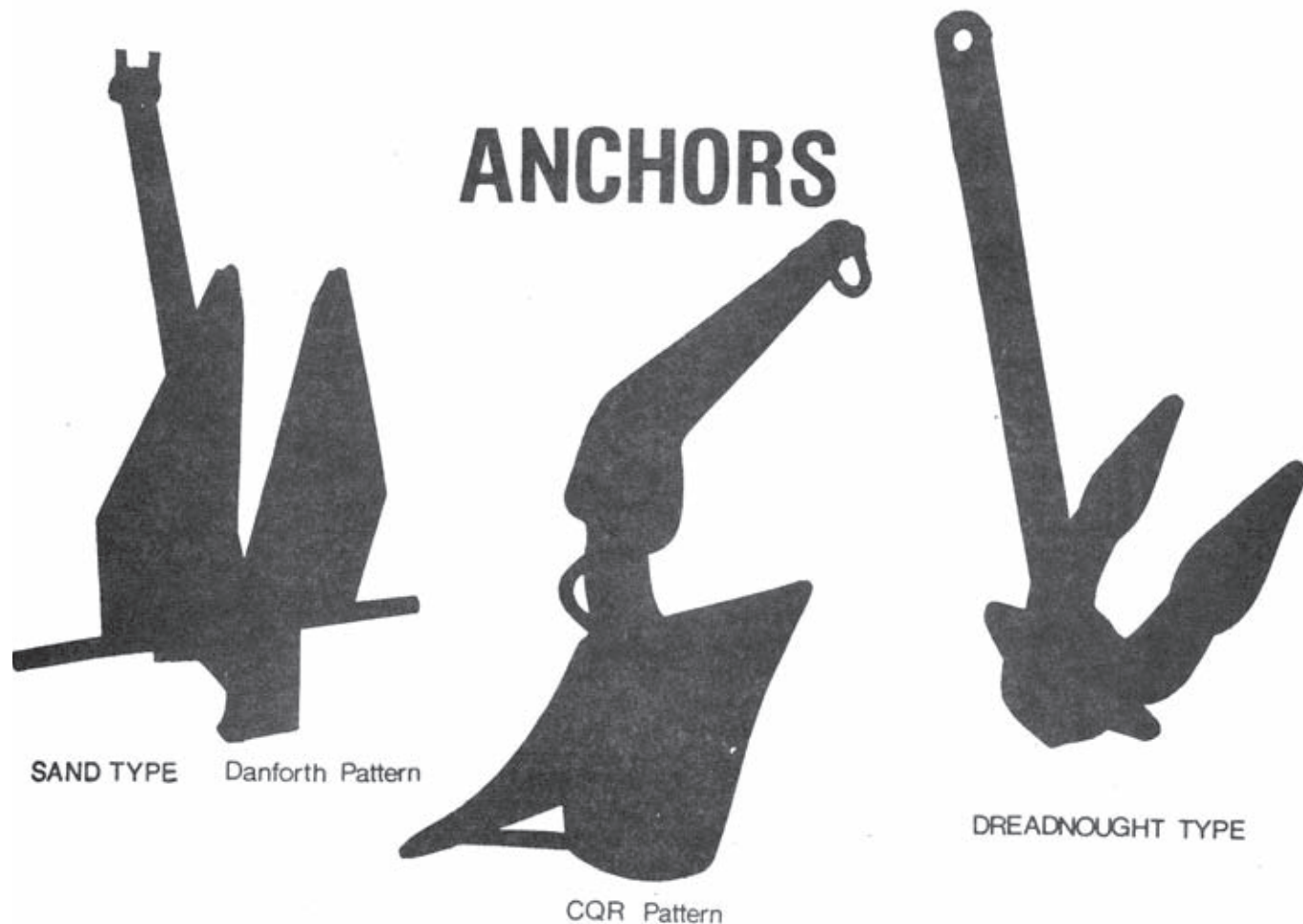


D = nominal diameter of chain

# ATLAS CHAINS

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# ATLAS CHAINS

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Alloy Grade 'S' Shackles Load Chart. A.S 2741 - 2002 Safety Factor of 5

	Working Load Limit (tonnes)	Dia. Bow d (mm)	Dia. Pin D (mm)	Inside Width W (mm)	Inside Length		Width of Bow B (mm)	Approx. Weight Each	
					Chain Type L (mm)	Anchor Type L (mm)		Screw Pin (Kg)	Safety Pin (Kg)
	0.33	5	6	10	-	22	15	0.02	-
	0.50	6	8	12	22	29	20	0.06	0.07
	0.75	8	10	13	26	31	21	0.11	0.13
	1.00	10	11	17	32	37	26	0.15	0.17
	1.50	11	13	18	37	43	29	0.21	0.25
	2.00	13	16	21	41	48	33	0.37	0.44
	3.25	16	19	27	51	61	43	0.65	0.79
	4.75	19	22	32	60	72	51	1.06	1.26
	6.50	22	25	37	71	84	58	1.56	1.88
	8.50	25	29	43	81	95	68	2.32	2.78
	9.50	29	32	46	90	108	74	3.28	3.87
	12.00	32	35	52	100	119	83	4.51	5.26
	13.00	35	38	57	113	133	92	5.43	6.94
	17.00	38	41	60	124	146	98	7.89	8.79
	25.00	44	51	73	146	178	127	13.40	14.99
	35.00	51	57	83	171	197	146	18.85	20.65
	45.00	57	63	95	181	222	160	26.06	29.01
	55.00	63	70	105	203	267	184	37.86	41.05
	85.00	76	83	127	229	330	200	58.68	62.24
	120.00	89	95	146	267	381	241	-	110.0
	150.00	102	108	165	318	432	279	-	160.0

Flat Webbing and Rounds Slings Load Chart

Flat webbing manufactured to AS1353.1 - 1997 Parts 1 & 2 SAFETY FACTOR 8:1 Round slings manufactured to AS 4497.1- 1997 SAFETY FACTOR 7:1

Webbing Slings & Round Slings										
Lifting Mode		Vertical SWL	Choke SWL	Basket SWL	30 SWL	60 SWL	90 SWL	120 SWL	60 SWL	60 Choke SWL
Capacity		Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes
Tonnes	Colour Code									
1.0	Violet	1.0	.8	2	1.9	1.7	1.4	1	1.7	1.4
2.0	Green	2.0	1.6	4	3.8	3.4	2.8	2	3.4	2.8
3.0	Yellow	3.0	2.4	6	5.7	5.1	4.2	3	5.1	4.2
4.0	Grey	4.0	3.2	8	7.6	6.8	5.6	4	6.8	5.6
5.0	Red	5.0	4	10	9.5	8.5	7	5	8.5	7
6.0	Brown	6.0	4.8	12	11.4	10.2	8.4	6	10.2	8.4
8.0	Blue	8.0	6.4	16	15.2	13.6	11.2	8	13.6	11.2
10.0	Orange	10.0	8	20	19	17	14	10	17	14

- All slings are made from 100% polyester
- SWL is clearly marked on each sling
- Colour coding on each sling for added safety
- Protective sleeves are recommended for lifting sharp and rough cargoes



Flat webbing slings

