



RIGGING HARDWARE CATALOGUE - 2019/2020



HANDLING EQUIPMENT
CANTERBURY

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RIGGING HARDWARE

Load-Rated Shackles

Hi Load Bow - Rated Shackles

Shackle - Titan Bow



- Hi Load Bow Shackle.
- Fully Complies with AS2741 Safety Factor 6:1.
- Standards Tolerance: +8% to -5%
- Hot Dipped Galvanized - Painted Yellow Pin.
- Alloy Grade S.
- All Shackles are Clearly Marked with Brand, Grade, Size, Rating & ID Batch No.

Shackle - Titan Safety



- Safety Anchor Shackle.
- Hi Load Alloy Bow (Grade S).
- Hot Dipped Galvanized - Painted Yellow Bolt.
- Standards Tolerance: +8% to -5%.
- Fully Complies with AS2741 Safety Factor 6:1.
- All Shackles are Clearly Marked with Brand, Grade, Size, Rating & ID Batch No.

Hi Load Dee Shackle



- Fully Complies with AS2741 Safety Factor 6:1.
- Standards Tolerance: +8% to -5%.
- Hot Dipped Galvanized - Painted Yellow Pin.
- Alloy Grade S.
- All Shackles are Clearly Marked with Brand, Grade, Size, Rating & ID Batch No.

Working Load Limit (t)	Pin Diameter (mm)	Code Titan Bow	Code Titan Safety	Code Hi Load Dee
0.3	6	3625	-	-
0.5	8	2399	-	-
0.75	10	2400	-	2409
1.0	11	2401	7223	2402
1.5	13	2388	3249	2403
2.0	16	2389	3250	2404
3.2	19	2390	3251	2495
4.7	22	2391	3252	2406
6.5	25	2392	3253	2407
8.5	28	2393	3541	2408
9.5	32	2394	3542	-
12	35	2395	3543	-
13.5	38	2396	3544	-
17	42	2397	3545	-
25	51	2398	3576	-
35	57	6213	7428	-
55	70	-	8013	-
85	90	-	8542	-
120	96	-	9302	-

Load-Rated Shackles

Shackle - HDG Dee HT Grade M



Features

- Standards AS2741-2000.
- Grade M, 6:1 Safety Factor.
- Brand Liftec "LT".
- Rating WLL.
- Batch No. Traceability.
- Grade "M".
- Body Size.

Working Load Limit (t)	Pin Diameter (mm)	Code
0.5	13	3254
0.75	16	3255
1.5	20	3256
2.0	22	3257
3.0	25	3258
3.8	30	3259
5.0	32	9303

Galvanized Dee Shackles Unrated

Shackle - Mild Steel HDG



Features

- DIN 741 Marine & Commercial.
- Hot Dipped Galvanized Body & Pin.

Size / Pin Diameter (mm)	Code
5mm	2494
6mm	2495
8mm	2496
10mm	2497
12mm	2498
16mm	2499
20mm	4920
25mm	5703

Carabiners, Quick & Split Links

Quick Link - Steel



Features

- Electro Galvanized - Often used as a connecting link for rope or chain.

Size	Code
4mm	5230
5mm	5231
6mm	5232
8mm	5233
10mm	5234
12mm	5235

Karabiner - Electro Galv



Features

- Electro Galvanized.

Size	Code
4mm x 40mm	6210
5mm x 50mm	2372
6mm x 60mm	2373
8mm x 80mm	2374
10mm x 100mm	2375
11mm x 120mm	2376
12mm x 140mm	6211
13mm x 160mm	9305
15mm x 200mm	9304

Split Link - Zinc Plated



Features

- Zinc Plated.
- Not Load Rated For Lifting.

Size	Code
3mm	3487
4mm	3488
5mm	3489
6mm	3490
8mm	3491
10mm	3492
12mm	9306

Turnbuckles, Rigging Screws, Eye Bolts

Shoulder Eye Bolt & Nut



Features

- ASME B30.26 USA Standards.
- Safety Factor 4 :1.
- Forged & Galvanized c/w Washer & Nut.
- Imperial Threaded 100mm Up Shaft.

Size	Code
1.0T 1/2" x 140mm Shaft, 25mm Eye	6201
1.0T 1/2" x 240mm Shaft, 25mm Eye	6202
1.5T 5/8" x 240mm Shaft, 30mm Eye	6203
2.3T 3/4" x 250mm Shaft, 35mm Eye	6204

Turnbuckle Galv Jaw & Jaw



Features

- Manufactured to USA Fed Spec FF-T-791b.
- Safety Factor 5:1.
- Unmarked - Jaw to Jaw.

Size	Working Load Limit (t)	Code
5/16"	0.36	2883
3/8"	0.54	2884
1/2"	1	2885
5/8"	1.5	2886
3/4"	2.3	2887
7/8"	3.2	2888

Rigging Screw Rated HDG Jaw to Jaw



Features

- Grade L.
- Safety Factor 6:1.
- To Standards AS2319.
- Markings: Size, Rating, Standard & Batch ID.

Size	Working Load Limit (t)	Code
M10	0.3	6781
M12	0.5	6782
M16	0.75	6783
M20	1.25	6784
M24	2.5	9307

Turnbuckles, Rigging Screws, Eye Bolts

Turnbuckle Eye & Eye



Size	Code
5mm Length 110mm - 165mm	2410
6mm Length 140mm - 205mm	2411
8mm Length 152mm - 230mm	2412
10mm Length 185mm - 270mm	2413
12mm Length 190mm - 285mm	2414
16mm Length 29mm - 425mm	2415
20mm Length 350mm - 490mm	2416

Turnbuckle Eye & Hook



Size	Code
6mm Length 140mm - 205mm	2954
8mm Length 160mm - 240mm	2955
10mm Length 190mm - 290mm	2956
12mm Length 210mm - 305mm	2957
16mm Length 270mm - 400mm	9330

Features

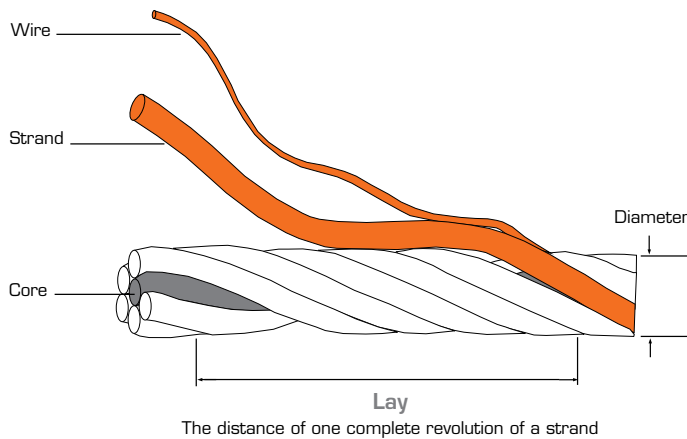
- Heavy Duty Galvanised Coating.
- 3 times better Corrosion Resistance over galv.
- 5 times better than electro galv coatings.
- Cleaner thread finish.

Wire Rope

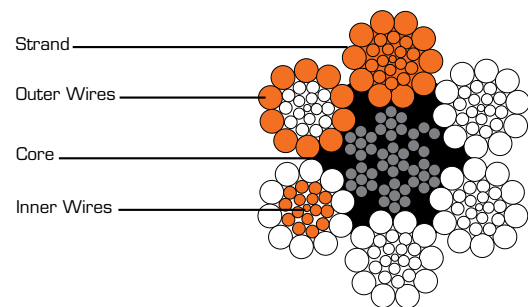
Wire Rope

Rope Construction

Rope is made of individual wires twisted into strands. These preformed strands are then twisted around the core to complete the rope. The core supports and maintains the circular structure of the rope.



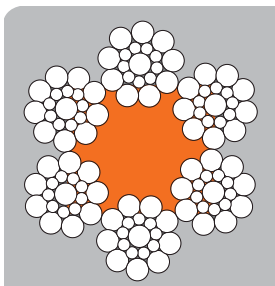
Rope End View



Core Types

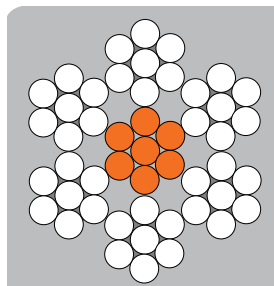
FC Fibre Core

Polypropylene or natural fibres are used as the core. Excellent flexibility and lubricant retention.



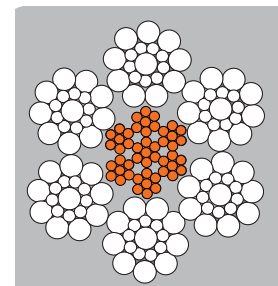
WSC Wire Strand Core

A single strand is used as the core. Simple and cost effective - suitable for small diameter rope.



IWRC Independent Wire Rope Core

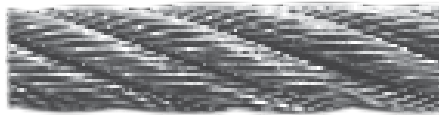
A small wire rope is used as the core. Excellent crush and distortion resistance with longer fatigue life, and high breaking strength.



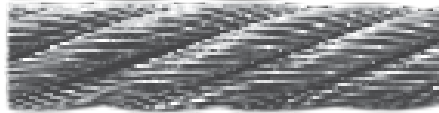
Wire Rope

Ordinary Lay

The strands rotate around the rope in the opposite direction to the wires in the strand.



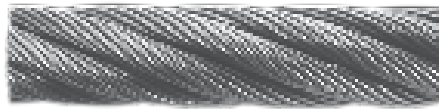
Right: Hand Ordinary Lay



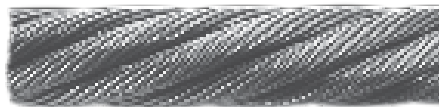
Left: Hand Ordinary Lay

Langs Lay

The strands rotate around the rope in the same direction as the wires in the strand.



Right: Hand Langs lay

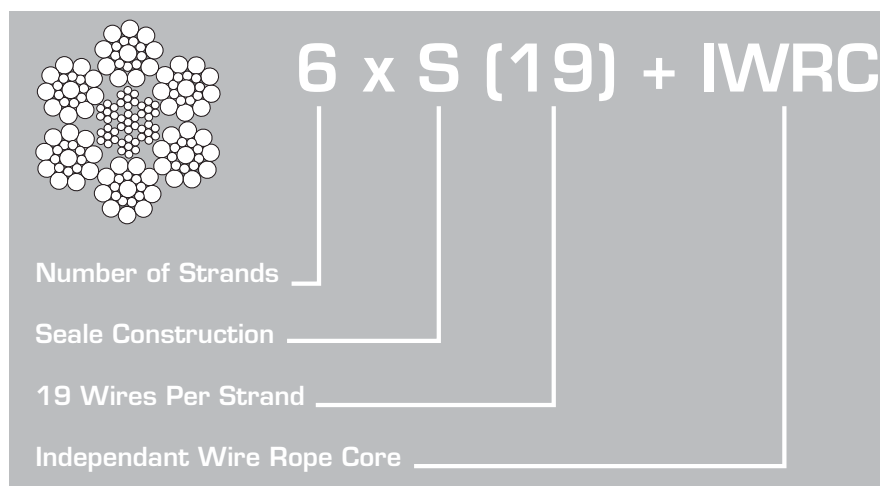


Left: Hand Langs Lay

Interpreting Rope Construction Information

Wire rope construction descriptions follow this format:

6 x S (19) + IWRC = 6 Strands, Seale construction, 19 wires, Independent Wire Rope Core.



Wire Rope

Strand Construction

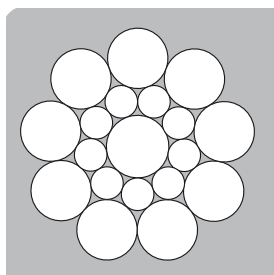
When selecting a rope the following key characteristics must be considered.

- Tensile Strength.
- Fatigue resistance (flexibility).
- Abrasion resistance.
- Crush resistance.
- Corrosion resistance.

The actual rope use will govern which of the above factors is most important, and which of the following strand constructions will suit.

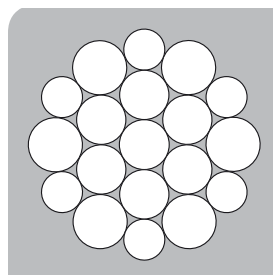
S - Seale

The outer layer consists of large outer wires, laid over the valleys created by an inner layer of smaller wires. The number of wires in the outer layer is equal to the number of wires in the inner layer. The large outer wires produce excellent abrasion resistance.



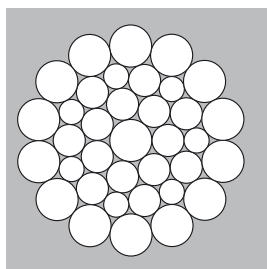
W - Warrington

The outer layer consists of pairs of wires (one large and one small) laid over an inner layer of wires. The number of wires in the inner layer is half of those in the outer layer. This produces excellent flexibility, roundness, and fatigue resistance.



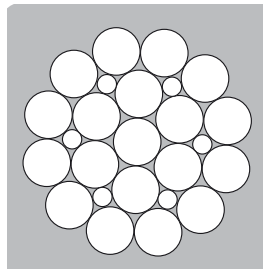
WS- Warrington Seale

Three layer of wires. Seale style outer layer, with Warrington style inner layers. This combines the flexibility of Warrington, with Seale style abrasion resistance.



Fi - Filler

Each valley between the two layers of wire is filled with small wire. This provides increased strength, flexibility and crush resistance.



Wire Rope

Common Rope End Terminations



Hand Spliced Eye



Pressed Thimble Eye



Pressed Solid Thimble Eye



Pressed Soft Eye



Wire Rope Clips



Spelter Socket



Split Wedge Ferrules



Flemish Eye

Lubrication

Wires and strands are lubricated during manufacture to:

- Allow wires and strands to slide easily past each other.
- Provide a coating on the metal surfaces and prevent corrosion.
- Over time it is important to replace rope lubricant to avoid premature rope failure.

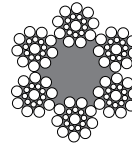
DO	DON'T
Be aware that lubricant attracts abrasive particles (sand, dust, scoria etc.)	Use bar oil, or used engine oil - these contain abrasive particles.
Apply when the rope is bending (slowly!) through a sheave or drum, "opening up" the rope.	Use diesel or petrol - these solvents will flush out lubricant remaining in the rope.
Plan application to minimise damage	-

Wire Rope

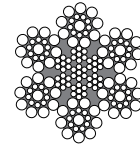
General Purpose 6x19 Class

General engineering, construction, agriculture, logging & fishing.

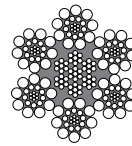
Diameter	180KG/MM2 1770N/MM2		195KG/MM2 1910N/MM	Approx Weight Kg/M	
	FC	IWRC	IWRC	FC	IWRC
6	2.13	2.16	2.62	0.139	0.155
7	2.89	3.15	3.57	0.189	0.211
8	3.79	4.11	4.67	0.247	0.275
9	4.80	5.20	5.91	0.312	0.348
10	5.92	6.42	7.29	0.386	0.430
11	7.14	7.77	8.82	0.467	0.520
12	8.52	9.25	10.50	0.556	0.619
13	9.98	10.80	12.30	0.652	0.727
14	11.6	12.60	14.30	0.756	0.843
16	15.2	16.40	18.70	0.988	1.10
18	19.2	20.80	23.60	1.25	1.39
20	23.7	25.70	29.20	1.54	1.72
22	28.6	31.10	35.30	1.87	2.08
24	34.0	37.0	42.0	2.22	2.48
26	39.9	43.40	49.30	2.61	2.91
28	46.4	50.40	57.20	3.02	3.37
32	61.0	65.70	72.90	3.70	4.08



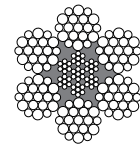
6 x S (19) + FC



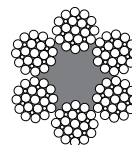
6 x S (19) + IWRC



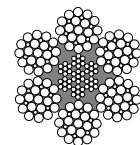
6 x FS (19) + IWRC



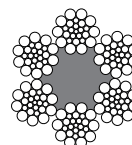
6 x W (19) + IWRC



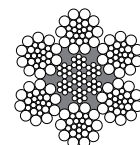
6 x Fi (25) + FC



6 x Fi (25) + IWRC



6 x WS (26) + FC



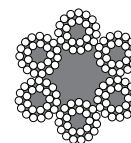
6 x WS (26) + IWRC

General Purpose 6x24 Class

Lashing and retaining rope for transport, civil engineering & shipping.

Diameter	Minimum Breaking Load In Metric- tonnes	Approx Weight Kg/M
	180KG/MM2 1770N/MM2	
8	3.22	0.212
9	4.07	0.269
10	5.03	0.332
11	6.09	0.401
12	7.28	0.478
13	8.49	0.561
14	9.90	0.651
16	12.90	0.850
18	16.3	1.08
20	20.2	1.33
22	24.5	1.61
24	29.1	1.91
26	34.1	2.24

Diameter	Minimum Breaking Load In Metric- tonnes	Approx Weight Kg/M
	180KG/MM2 1770N/MM2	
28	39.4	2.60
30	45.2	2.99
32	51.4	3.40
34	58.1	3.83



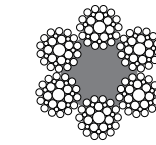
6 x 24 + 7 FC

Wire Rope

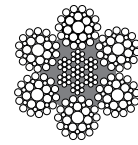
General Purpose 6x36 Class

Diameter MM	Minimum Breaking Load In Metric Tonnes		Approx Weight Kg/M		
	180KG/MM2 1770N/MM2	195KG/MM2 1910N/MM2		FC	IWRC
6	2.17	2.16	2.69	0.142	0.158
7	2.95	3.15	3.67	0.194	0.216
8	3.87	4.11	4.79	0.253	0.282
9	4.89	5.20	6.06	0.321	0.356
10	6.04	6.42	7.47	0.396	0.440
11	7.29	7.77	9.04	0.479	0.533
12	8.67	9.25	10.80	0.570	0.634
13	10.18	10.80	12.60	0.669	0.744
14	11.8	12.60	14.70	0.776	0.863
16	15.5	16.40	19.20	1.01	1.13
18	19.6	20.80	24.30	1.28	1.43
20	24.2	25.70	29.90	1.58	1.76
22	29.2	31.10	36.20	1.92	2.13
24	34.7	37.00	41.0	2.28	2.53
26	40.7	43.4	48.10	2.68	2.98
28	47.4	50.40	55.80	3.10	3.45
32	61.7	65.70	72.90	4.05	4.51
36	78.1	83.30	92.20	5.13	5.70
38	87.0	92.80	103	5.72	6.36
40	96.6	103.0	114	6.33	7.04
44	117	124.0	134	7.66	8.52
48	137	148	159	8.32	9.17
52	161	174	187	9.76	1.08
54	174	187	201	10.53	11.61
56	187	201	216	11.32	12.48

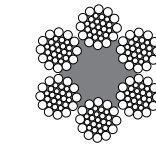
Winching, lifting and multiple sheave applications (conditions where flexibility is important).



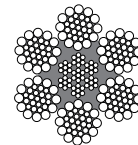
6 x Fi (29) + FC



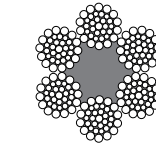
6 x Fi (29) + IWRC



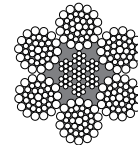
6 x WS (31) + FC



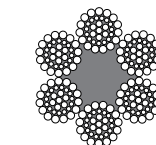
6 x WS (31) + IWRC



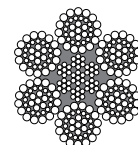
6 x WS (36) + FC



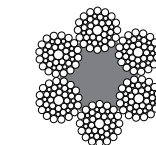
6 x WS (36) + IWRC



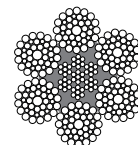
6 x SeS (37) + FC



6 x SeS (37) + IWRC



6 x WS (41) + FC



6 x WS (41) + IWRC

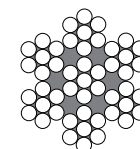
General Purpose Small Diameter Galvanised Wire Ropes

Diameter mm	7x7 Construction	
	Minimum Breaking Load kg	Weight Kg/100M
1.5	142.7	0.96
2	254.8	1.57
2.5	407.7	2.07
3	579.9	3.49
4	1040	6.29
5	1624	9.83
6	2320	13.94
7	3158	18.98
8	4124	24.79

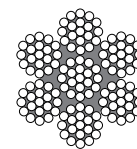
Diameter mm	7x19 Construction	
	Minimum Breaking Load kg	Weight Kg/100M
1.5	134.9	0.86
2	239.8	1.52
2.5	374.7	2.38
3	540.3	3.42
4	958.2	6.09
5	1498	9.52
6	2161	13.8
7	2938	18.7
8	3833	24.3

Diameter mm	1x7 Construction	
	Minimum Breaking Load kg grade 1300	Weight Kg/100M
6	3934	17
7.5	4587	27.3

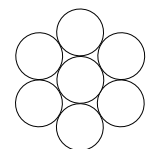
General engineering and industry applications.



7 x 7



7 x 19



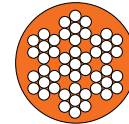
1 x 7

Wire Rope

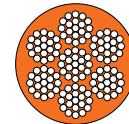
PVC Coated Cable

General purpose security cable, barrier cable, gym equipment and safety applications.

Diameter (mm)		Construction	Colour	Minimum Breaking Load Kg	Approx Weight Kg/100M
Wire Diameter	Coated Diameter				
2.0	3.0	7X7 Galvanised	Clear	254.8	1.6
2.5	4.0	7X7 Galvanised	Red	407.7	2.5
4.0	6.0	7X19 Urethane	Black	958.2	6.5
4.0	6.0	7X19 Galvanised	Clear	958.2	6.3
5.0	7.0	7X19 Galvanised	Clear	1549	4.95
10.0	12.0	7X19 Galvanised	Clear	5993	19.8



7 x 7

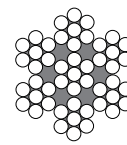


7 x 19

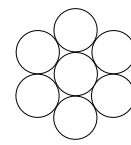
Small Diameter Ropes for Agriculture and Horticulture

General farming and horticultural applications.

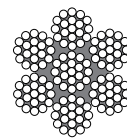
Diameter (mm)	Construction	Use	Minimum Breaking Load Kg	Approx Weight Kg/100M
4	7X7 Galvanised	Irrigator Wire	1040	6.29
4	7X19 Galvanised	Irrigator Wire	958.2	6.09
4	7X7 Stainless 316	Cowshed/ Irrigator	1030	6.29
5	7X7 Galvanised	Irrigator Wire	1624	9.83
5	7X19 Galvanised	Irrigator Wire	1498	9.52
5	7X7 Stainless 316	Cowshed/ Irrigator	1620	9.83
6	1X7 Galvanised Grade 1300	Kiwifruit Support	3934	17
7.5	1X7 Galvanised Grade 1300	Kiwifruit Support	4587	27.3



7 x 7



1 x 7



7 x 19

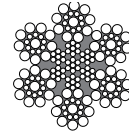


Wire Rope

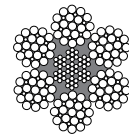
Logging Rope

For ground based and cable logging applications.

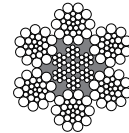
Regular Logging Rope					
Diameter (mm)		Construction	Minimum Breaking Load (Metric Tonnes)	Weight Per Metre (Kg)	Common Application
Inch	Metric				
-	9.0	6X19 IWRC	5.20	0.35	Strawline
-	10.0	6X19 IWRC	6.42	0.43	Strawline
7/16	11.2	6X19 IWRC	7.77	0.54	Strawline
1/2	12.7	6X19 IWRC	10.80	0.73	Tagline
9/16	14.3	6X19 IWRC	12.60	0.88	Small Tail
5/8	16.0	6X26 IWRC	16.42	1.10	Tail+Strops
3/4	19.0	6X26 IWRC	23.15	1.55	Main+Tail+Strops
7/8	22.2	6X26 IWRC	32.22	2.13	Main+Tail+Strops
1	25.4	6X26 IWRC	43.44	2.78	Sky+Main+Guys
1-1/8	28.6	6X19 IWRC	52.56	3.52	Skyline+Guys
1-1/4	31.8	6X25 IWRC	65.77	4.35	Skyline+Guys
1-3/8	35.0	6X25 IWRC	78.72	5.27	Skyline+Guys



6 x S (19) + IWRC



6 x Fi (25) + IWRC



6 x WS (26) + IWRC

Swaged Logging Rope					
Diameter (mm)		Construction	Minimum Breaking Load (Metric Tonnes)	Weight Per Metre (Kg)	Common Application
Inch	Metric				
1/2	12.7	6x26 IWRC	14.48	0.878	Main+Tail
9/16	14.3	6x26 IWRC	18.33	1.071	Main+Tail
5/8	16.0	6x26 IWRC	21.72	1.301	Main+Tail
11/16	17.5	6x26 IWRC	27.15	1.547	Main+Tail
3/4	19.0	6x26 IWRC	31.31	1.818	Main+Tail+Sky
7/8	22.2	6x26 IWRC	42.62	2.753	Main+Tail+Sky
1	25.4	6x26 IWRC	55.78	3.482	Main+Sky+Guy
1-1/8	28.6	6x26 IWRC	63.94	4.301	Sky+Guy
1-1/4	31.8	6x26 IWRC	78.93	5.209	Sky+Guy



Wire Rope

Logging Rope

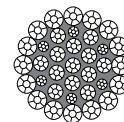
Power Swaged Logging Rope					
Diameter (mm)		Construction	Minimum Breaking Load (Metric Tonnes)	Weight Per Metre (Kg)	Common Application
Inch	Metric				
1/2	12.7	6x25 IWRC	17.2	0.977	Main
9/16	14.3	6x26 IWRC	21.9	1.237	Main+Tail
5/8	16.0	6x26 IWRC	26.2	1.527	Main+Tail
11/16	17.5	6x26 IWRC	32.3	1.848	Main+Tail
3/4	19.0	6x26 IWRC	38.9	2.199	Main+Tail
7/8	22.2	6x26 IWRC	51.5	2.993	Main+Tail
1	25.4	6x26 IWRC	66.9	3.909	Main+Sky+Guy

Crane Rope

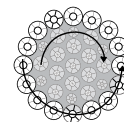
VeroTop Hoisting Rope

A non rotating Hoist rope for tower and mobile cranes, with a high breaking load and strong resistance to drum crushing. For high unguided applications.

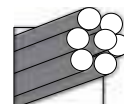
Diameter	Minimum Breaking Load Tensile Strength 1960 N/mm ²		Minimum Breaking Load Tensile Strength 2160 N/mm ²		Approx Weight Kg/100M
	KN	T	KN	T	
Metric					
10	91.80	9.36	99.00	10.10	48.9
12	133.40	13.60	143.10	14.59	71.3
13	155.70	15.88	167.00	17.03	81.6
14	182.70	18.63	195.90	19.98	93.9
15	208.10	21.22	223.20	22.76	108.9
16	235.20	23.98	252.20	25.72	123
17	263.10	26.83	282.20	28.78	138.6
18	299.80	30.57	321.60	32.79	154.2
19	335.60	34.22	359.90	36.70	171.1
20	369.40	37.67	396.20	40.40	190.4
21	404.00	41.20	433.40	44.19	209.2
22	450.20	45.91	482.90	49.24	228
23	481.20	49.07	516.10	52.63	250.5
24	534.80	54.53	573.50	58.48	272.3
25	579.20	59.07	621.30	63.35	295
26	627.20	63.95	672.60	68.59	323.4
28	727.20	74.15	779.90	79.53	372.5
30	831.30	84.77	891.60	90.92	427.1
32	953.90	97.27	1020.10	104.02	504



35 X 7



NON ROTATING

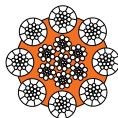
PARALLEL
STRANDS

Wire Rope

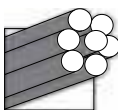
VeroPro 8 Luffing Rope

A Luffing rope for container handling cranes, mobile harbour cranes, and lifting applications with guided loads. Should be used for applications where the rope is fixed at both ends.

Diameter	Minimum Breaking Load Tensile Strength 1960 N/mm ²		Approx Weight Kg/100M
	KN	T	
MM			
14	174.96	17.84	89
15	202.51	20.65	102.6
16	229.1	23.36	116.9
17	254.8	25.98	132.3
18	288.3	29.4	145.9
19	323.1	32.95	163.7
20	354.6	36.16	181.5
21	388.7	39.64	198
22	433.2	44.17	220.1
23	470.7	48	240.1
24	513.7	52.38	261
25	557.6	56.86	282.3
26	606.5	61.84	306.9



8 x 16 IWRC



PARALLEL STRANDS

Elevator Rope

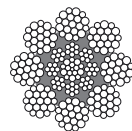
Drako 250T - 8 Strand Steel Core Rope (IWRC)

Ideally suited to medium duty traction drive elevators.

Advantages:

- Rounder than 6 strand rope - more contact points between the rope & sheave groove.
- Flexible with good fatigue resistance, and low maintenance requirements.
- Low permanent and elastic elongation, with high breaking load capacity.

Diameter	Minimum Breaking Load		Approx Weight Kg/100M
	KN	T	
MM			
8	43.3	4.41	27.1
9	54.8	5.59	34.3
10	67.7	6.90	42.3
11	81.9	8.35	51.2
12	97.4	9.93	60.9
13	114	11.62	71.5
14	133	13.56	82.9
16	173	17.64	108



8 x 19 W IWRC



Wire Rope

Elevator Rope

Drako 8x19 FC 8 Strand Suspension Ropes

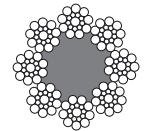
Suspension ropes for traction drive elevators.

Advantages:

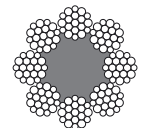
- World's most common traction suspension rope configuration.
- High flexibility with a fibre core, small wire diameter, and good fatigue resistance.
- Rounder than a 6 strand rope - more contact points between the rope and the sheave groove.

8 x 19 S FC			
Diameter	Minimum Breaking Load 1570 N/mm ²		Approx Weight Kg/100M
	MM	T	
8	30.4	3.10	21.5
9	38.4	3.91	27.3
9.5	42.8	4.36	30.4
10	47.4	4.83	33.7
11	57.4	5.85	40.7
12	68.3	6.96	48.5
13	80.2	8.18	56.9
14	93.0	9.48	66.0
15	107.0	10.91	75.7
15.5	114.0	11.62	80.8
16	121.0	12.33	86.1
18	154.0	15.70	109.0
19	171.0	17.43	121.0

8 x 19 W FC			
Diameter	Minimum Breaking Load 1570 N/mm ²		Approx Weight Kg/100M
	MM	T	
8	31.6	3.22	22.2
9	40.0	4.08	28.1
10	49.4	5.04	34.7
11	59.7	6.09	42.0
12	71.1	7.25	50.0
13	83.4	8.50	58.6
16	126.0	12.84	88.8



8 x 19 S - FC



8 x 19 W - FC

Wire Rope

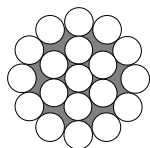
Stainless Steel

For marine, construction and architectural applications.

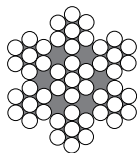
1 x 19			
Diameter	Minimum Breaking Load (KG)		Approx Weight Kg/100M
	AISI 302+304	AISI 316	
MM			
1	96	84	0.495
1.5	215	180	1.11
2	380	320	1.98
2.5	600	500	3.1
3	830	720	4.46
3.5	1140	1030	6.07
4	1490	1285	7.93
5	2330	1999	12.4
6	3320	2876	17.8
7	4490	3549	24.3
8	5700	4640	31.7
9	7200	5874	40.1
10	8830	7250	49.5
11	10500	8770	59.9
12	12400	10401	71.3
13	14500	14000	83.7
14	16700	16200	97.1
16	21500	20400	127

7 x 7			
Diameter	Minimum Breaking Load (KG)		Approx Weight Kg/100M
	AISI 302+304	AISI 316	
MM			
1.2	122	100	0.63
1.5	170	136	0.96
2.0	290	242	1.57
2.5	460	378	2.7
3	660	545	3.54
4	1140	968	6.29
5	1790	1509	9.83
6	2570	2330	14.2
7	3400	3160	19.3
8	4080	3875	25.2
9	5200	4650	31.8
10	6300	5750	39.3
12	8950	8270	56.7
14	12200	11200	77.1
16	15900	14700	101
18	20100	18600	128
20	24800	23000	157
22	29600	27800	190

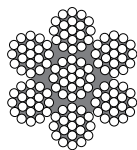
7 x 19			
Diameter	Minimum Breaking Load (KG)		Approx Weight Kg/100M
	AISI 302+304	AISI 316	
MM			
2.0	280	226	1.7
2.5	440	354	2.7
3	625	510	3.42
4	1090	907	6.09
5	1700	1490	9.52
6	2460	2039	13.8
8	4100	3630	24.3
9	5450	4840	30.8
10	6580	5670	38.1
12	9480	8158	54.8
13	10900	10100	64.3
14	12600	11115	74.6
16	16100	14470	97.4
18	20400	18100	123



1 x 19



7 x 7



7 x 19



Grips & Thimbles



Wire Grip Din-741



Features

- Heavy Duty Galvanised Coated Din 741 Commercial Wire Rope Grip.

Size	Code
3mm	3920
5mm	2417
6mm	2418
8mm	2419
10mm	2420
13mm	2421
16mm	2422
19mm	2423
22mm	4067
26mm	4084

Wire Grip - H.Duty FF-C-450



Features

- Galvanised Coated.
- Heavy Duty USA Federal Spec 450.

Size	Code
5/16"	3921
3/8"	6989
7/16"	3922
9/16"	3923
5/8"	3924
3/4"	9331
7/8"	9332
1"	9333
1.1/8"	9334
1.1/4"	9335
1.1/2"	9336
1.3/4"	9337
2"	9338

Grips & Thimbles

Thimble BS464



Features

- BS464 Hot Dipped Galvanised Thimble.

Size	Code
6mm	2424
8mm	2425
10mm	2426
13mm	2427
16mm	2428
20mm	2429
22mm	2430
25mm	2431

Wire Grip - Comm Gold U Bolt



Features

- Galvanised Body.
- Gold Passivated U Bolt & Nuts.
- General Commercial Grade.

Size	Code
10mm	9339
12mm	9340

Small Tools

Swaging Tool



Features

- 600mm 1.5mm - 5.0mm.

Size	Code
1.5 - 5mm	4179

Hand Cable Puller 2.2m



Features

- Twin Sprocket Wheel & Pawl for added strength & Safety.
- 3 Hook Assembly to Allow for Increased Length at Reduced Pulling Capacity.

Size	Code
2T	9341

Awning Pulley

Single Awning Pulley



Features

- Cast Zinc Swivel Eye Single Awning Pulley.
- General Purpose. Synthetic Rope Applications.
- No Rated for Lifting.

Size	Code
13mm Pulley Suits 2mm to 4mm Dia Rope	2377
20mm Pulley Suits 3mm to 5mm Dia Rope	2378
25mm Pulley Suits 4mm to 6mm Dia Rope	2379
32mm Pulley Suits 4mm to 10mm Dia Rope	2380
38mm Pulley Suits 5mm to 8mm Dia Rope	2381
50mm Pulley Suits 6mm to 11mm Dia Rope	2382

Single Nylon Pulley



Features

- With Removable Pin & Becket.
- 26mm Nylon Sheave.
- Suits up to 6mm Dia Rope.
- Overall Length 59mm.

Size	Code
26mm SS316 Nylon Single 6mm	8571

Double Awning Pulley



Features

- Cast Zinc Swivel Eye Double Awning Pulley.
- General Purpose Synthetic Rope Applications.
- Not Load Rated.

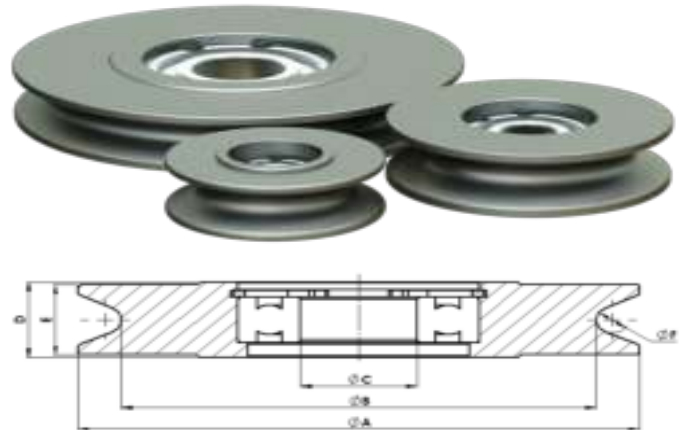
Size	Code
13mm Pulley Suits 2mm to 4mm Dia Rope	3052
20mm Pulley Suits 3mm to 5mm Dia Rope	3053
25mm Pulley Suits 4mm to 6mm Dia Rope	3054
32mm Pulley Suits 4mm to 10mm Dia Rope	3055
38mm Pulley Suits 5mm to 8mm Dia Rope	3056
50mm Pulley Suits 6mm to 11mm Dia Rope	3057

Sheaves

Ball Bearing Sheaves

Features

- Fully machined from billet.
- Zinc plated for maximum corrosion resistance.
- SKF Single row deep groove ball bearing installed and circlipped as standard.
- Custom sheaves can be manufactured to any specification.

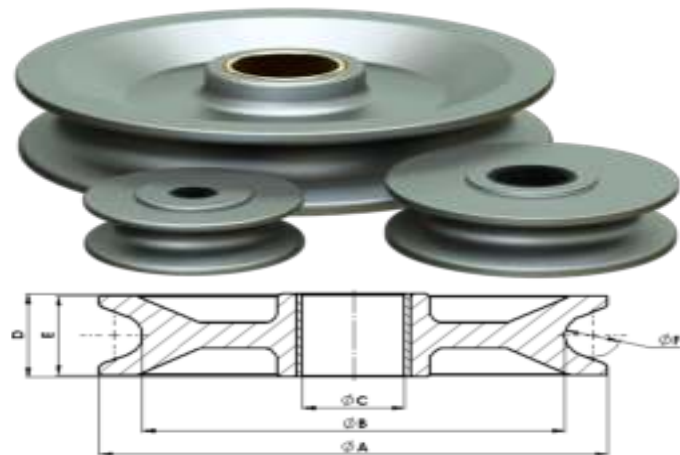


Size (mm)	Outside Ø A mm	D.O.G Ø B mm	Shaft Ø C mm	Hub Width D mm	Rim Width E mm	Rope Ø mm	Code
50	50	34	10	17	16	5	3123
75	75	52	12	27	24	10	3124
100	100	73	20	29.5	28	10	3125
150	150	124	20	30.5	429	12	3126
168	168	142	35	28	26	9	9342
355	355	310	60	60	56	19	9343

Plain Bearing Sheaves

Features

- Fully machined from billet.
- Zinc plated for maximum corrosion resistance.
- Supplied with bronze or nylon plain bearing.
- Custom sheaves can be made to any specification.



Size (mm)	Outside Ø A mm	D.O.G Ø B mm	Shaft Ø C mm	Hub Width D mm	Rim Width E mm	Rope Ø mm	Code
75	75	52	12	27	24	10	5779
100	100	73	20	31	28	10	5780
150	150	124	35	31	29	12	9344
200	200	166	35	43	41	19	9345
250	250	210	45	59	5	20	9346
300	310	260	63.5	80	74	28	9347
355	355	310	60	80	56	19	9348

Galvanized Chain

Chain - Calibrated Short-Link Anchor DIN766



Drum Sizes	Bucket Sizes
6mm - 625m	6mm - 100m
7mm - 448m	7mm - 100m
8mm - 351m	8mm - 100m
10mm - 213m	

Features

- Hot Dipped Galvanized steel chain specifically designed for anchoring applications.
- Chain calibrated to latest DIN766 standard.
- Each link is calibrated to ensure proper fit for most metric windlasses.

Size	Code
6mm x 18mm	3302
7mm x 21mm	3303
8mm x 24mm	3304
10mm x 28mm	3305

Chain - Proof Coil Regular Link HDG



Plastic Pail Sizes	Drum Sizes
3mm - 100m	8mm - 100m
4mm - 100m	10mm - 100m
5mm - 100m	13mm - 80m
6mm - 60m	
8mm - 35m	
10mm - 20m	

Features

- AMG - Hot Dipped Galvanized.
- Ideal for Marine Applications.
- Hot Dipped Galvanised, Proof Coil Chain.

Size	Code
3mm	2362
4mm	2363
5mm	2364
6mm	2365
8mm	2366
10mm	2367
13mm	9349

Chain - Long Link HDG



Plastic Pail Sizes
3mm - 100m
4mm - 100m
5mm - 100m
6mm - 60m

Features

- AMG - Hot Dipped Galvanized.
- Ideal for Marine Applications.
- Hot Dipped Galvanised, Proof Coil Chain.

Size	Code
3mm x 100 Bucket	2368
4mm x 100 Bucket	2369
5mm x 100m Bucket	2370
6mm x 60m Bucket	2371