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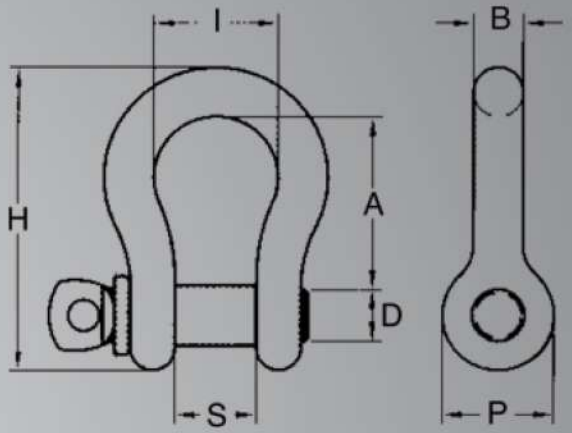
SCREW PIN ANCHOR SHACKLE



Screw Pin Anchor Shackle . G209

SHACKLE

- Shackles are carbon steel-Quenched and Tempered, with a lloy pins.
- Size, Working Load Limit, Trademark and Name are permanently shown on each shackle.
- All shackles with Batch Code which links to Test Certificate and Quality Traceability.
- 100% magnaflux crack detection during manufacturing.
- Hot Dip Galvanized.

G209 screw pin anchor shackle conforms to U.S. federal specification RR-C-271D, Type IV A, Class 2.

Item No.	Nominal Size		Working Load Limit	Dimenshions (mm)							Weight
	Inch	mm	tonnes*	D	B	A	S	H	P	I	Kg
G209-08	5/16	8	0.75	9.5	8	31	13	53	19	22	0.08
G209-10	3/8	10	1	11	10	36	16	65	23	26	0.1
G209-11	7/16	11	1.5	13	11	43	19	75	27	30	0.2
G209-13	1/2	13	2	16	13	47	20	85	30	33	0.3
G209-16	5/8	16	3.25	19	16	61	27	107	39	45	0.6
G209-19	3/4	19	4.75	22	19	71	33	126	46	50	1.1
G209-22	7/8	22	6.5	26	22	84	38	148	53	58	1.6
G209-26	1	26	8.5	28	26	95	44	166	60	68	2.3
G209-28	1-1/8	28	9.5	32	28	108	46	190	68	74	3.4
G209-32	1-1/4	32	12	36	32	117	55	205	76	85	4.3
G209-36	1-3/8	36	13.5	38	36	133	57	232	84	94	6.1
G209-38	1-1/2	38	17	41	38	146	60	254	92	99	7.8
G209-44	1-3/4	44	25	51	46	178	73	313	106	127	12.6
G209-50	2	50	35	57	50	197	82	347	122	146	20.4
G209-64	2-1/2	64	55	70	69	267	105	453	145	184	38.9

* Minimum Ultimate Load is 6 times the Working Load Limit.
Maximum Proof Load is 2 times the Working Load Limit.

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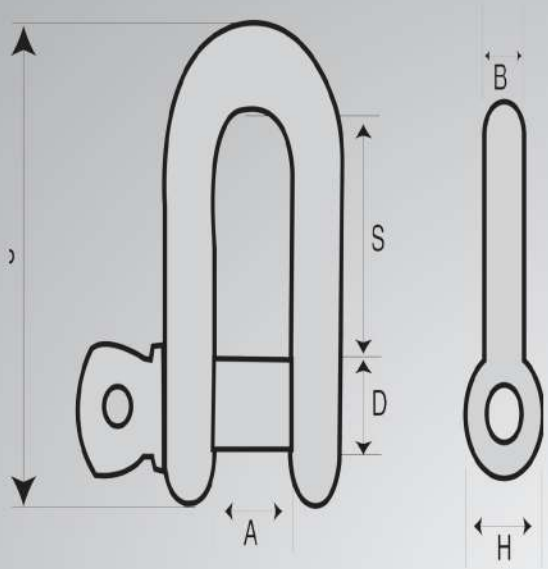
SCREW PIN D SHACKLE



Screw Pin D Shackle . G210

SHACKLE

- Schakels are forged carbon steel-Quenched and Tempered, with a lloy pins.
- Size, Working Load Limit, Trademark and Name are permanently shown on each shackle.
- All shackles with Batch Code which links to Test Certificate and Quality Tracebility.
- 100% magnaflux crack detection during manufacturing.
- Hot Dip Galvanized.

BDS- 147 screw pin chain shackle conforms to U.S. federal specification RR-C-271D, Type IV A, Class 2.

Item No.	Nominal Size		Working Load Limit	Dimenshions (mm)						Weight
	Inch	mm	tonnes*	D	B	A	S	H	P	Kg
G210-08	5/16	8	0.75	9.5	8	13	31	19	53	0.08
G210-10	3/8	10	1	11	10	16	36	23	65	0.1
G210-11	7/16	11	1.5	13	11	19	43	27	75	0.2
G210-13	1/2	13	2	16	13	20	47	30	85	0.3
G210-16	5/8	16	3.25	19	16	27	61	39	107	0.6
G210-19	3/4	19	4.75	22	19	33	71	46	126	1.0
G210-22	7/8	22	6.5	26	22	38	84	53	148	1.4
G210-26	1	26	8.5	28	26	44	93.5	60	166	2.1
G210-28	1-1/8	28	9.5	32	28	46	103	68	190	3.0
G210-32	1-1/4	32	12	36	32	55	108	76	210	4.1
G210-36	1-3/8	36	13.5	38	36	57	111	84	232	5.6
G210-38	1-1/2	38	17	41.4	38.1	60.5	122	92	234	7.23
G210-44	1-3/4	44	25	51	44.5	73.0	146	106	279	12.1
G210-50	2	50	35	57	51	82.5	172	122	312	19.2
G210-64	2-1/2	64	55	70	44.5	105	203	145	377	32.5

* Minimum Ultimate Load is 6 times the Working Load Limit.
Maximum Proof Load is 2 times the Working Load Limit.

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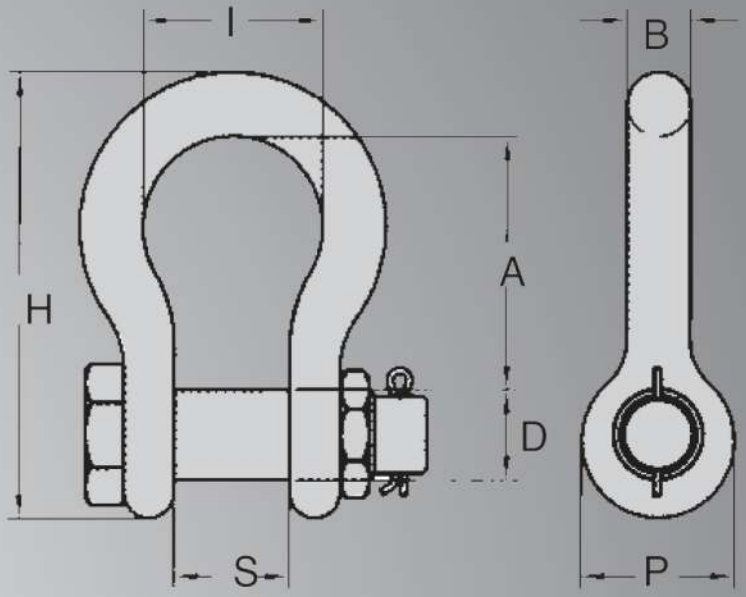
BOLT TYPE ANCHOR SHACKLE



Bolt type Anchor Shackle . G2130

SHACKLE

- Schakels are forged carbon steel-Quenched and Tempered, with a lloy pins.
- Size, Working Load Limit, Trademark and Name are permanently shown on each shackle.
- All shackles with Batch Code which links to Test Certificate and Quality Tracebility.
- 100% magnaflux crack detection during manufacturing.
- Hot Dip Galvanized.

BSB- 144 bolt pin anchor shackle conforms to U.S. federal specification RR-C-271D, Type IV B, Grade A, Class 2.

Item No.	Nominal Size		Working Load Limit	Dimenshions (mm)							Weight
	Inch	mm	tonnes*	D	B	A	S	H	P	I	Kg
G2130-08	5/16	8	0.75	9.5	8	31	13	53	19	22	0.08
G2130-10	3/8	10	1	11	10	36	16	65	23	26	0.1
G2130-11	7/16	11	1.5	13	11	43	19	75	27	30	0.2
G2130-13	1/2	13	2	16	13	47	20	85	30	33	0.4
G2130-16	5/8	16	3.25	19	16	61	27	107	39	45	0.8
G2130-19	3/4	19	4.75	22	19	71	33	126	46	50	1.2
G2130-22	7/8	22	6.5	26	22	84	38	148	53	58	1.8
G2130-26	1	26	8.5	28	26	95	44	166	60	68	2.6
G2130-28	1-1/8	28	9.5	32	28	108	46	190	68	74	3.7
G2130-32	1-1/4	32	12	36	32	119	55	210	76	82	5.3
G2130-36	1-3/8	36	13.5	38	36	133	57	232	84	92	7.1
G2130-38	1-1/2	38	17	41	38	146	60	254	92	99	9.4
G2130-44	1-3/4	44	25	51	41	178	73	313	106	27	15.4
G2130-50	2	50	35	57	51	197	82	348	122	146	23.7
G2130-64	2-1/2	64	55	70	66	267	105	453	145	184	44.6
G2130-76	3	76	85	82	76	330	127	546	165	200	70
G2130-92	3-1/2	92	120	95	92	372	133	626	203	229	120

* Minimum Ultimate Load is 6 times the Working Load Limit.
Maximum Proof Load is 2 times the Working Load Limit.

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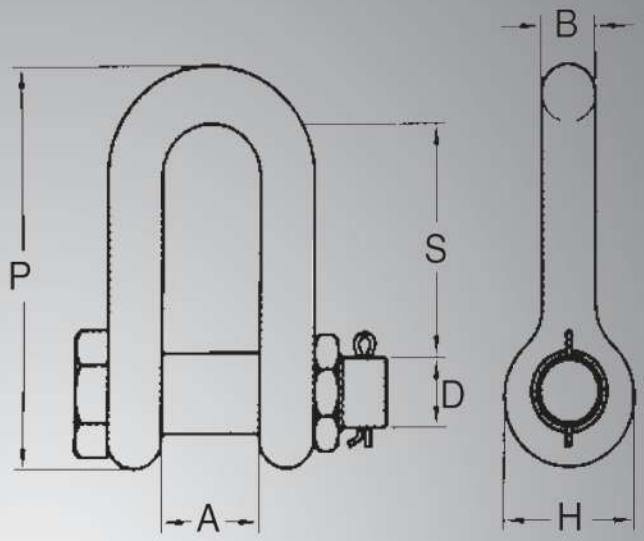
BOLT TYPE D SHACKLE



Bolt type D Shackle . G2150

SHACKLE

- Schakels are forged carbon steel-Quenched and Tempered, with a lloy pins.
- Size, Working Load Limit, Trademark and Name are permanently shown on each shackle.
- All shackles with Batch Code which links to Test Certificate and Quality Tracebility.
- 100% magnaflux crack detection during manufacturing.
- Hot Dip Galvanized.

BDB- 146 bolt pin chain shackle conforms to U.S. federal specification RR-C-271D, Type IV B, Grade A, Class 3.

Item No.	Nominal Size		Working Load Limit	Dimenshions (mm)						Weight
	Inch	mm	tonnes*	D	B	A	S	H	P	Kg
G2150-08	5/16	8	0.75	9.5	8	13	31	19	53	0.08
G2150-10	3/8	10	1	11	10	16	36	23	65	0.1
G2150-11	7/16	11	1.5	13	11	19	43	27	75	0.2
G2150-13	1/2	13	2	16	13	20	47	30	85	0.4
G2150-16	5/8	16	3.25	19	16	27	61	39	107	0.7
G2150-19	3/4	19	4.75	22	19	33	71	46	126	1.1
G2150-22	7/8	22	6.5	26	22	38	84	53	148	1.7
G2150-26	1	26	8.5	28	26	44	93.5	60	166	2.4
G2150-28	1-1/8	28	9.5	32	28	46	103	68	190	3.4
G2150-32	1-1/4	32	12	36	32	52	108	76	210	4.9
G2150-36	1-3/8	36	13.5	38	36	57	111	84	232	6.5
G2150-38	1-1/2	38	17	41.4	38.1	60.5	122	9.20	234	8.39
G2150-44	1-3/4	44	25	57.0	44.5	73.0	146	106	279	14.2
G2150-50	2.0	50	35	57.0	51.0	82.5	172	122	312	21.2
G2150-64	2-1/2	64	55	70.0	44.5	105	203	145	377	38.6

* Minimum Ultimate Load is 6 times the Working Load Limit.
Maximum Proof Load is 2 times the Working Load Limit.

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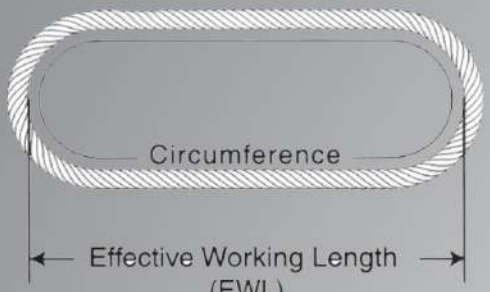
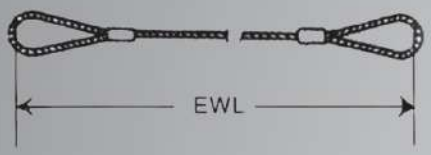
STEEL WIRE ROPES

STEEL WIRE ROPE SLINGS

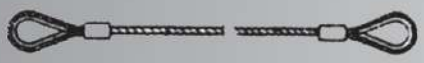
Grommet



Soft eye each end



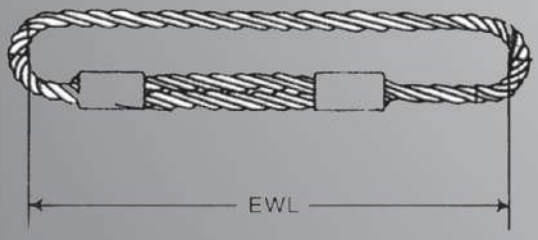
Hard eye each end

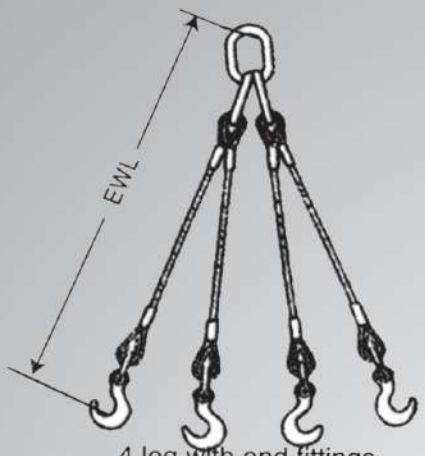


One end soft eye, other end hard eye

Hand spliced soft eye and hard eye

Endless Sling





4 leg with end fittings

4 leg with soft eye

2 leg with soft eye

2 leg with sling hooks

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STEEL WIRE ROPE SLINGS

Safe working load charts are in accordance with British Standard, safety factor 5 to 1

DIAMETER		SINGLE LEG	2 LEG		3 LEG	4 LEG		MINIMUM BREAKING LOAD
mm	inch		0°-90°	90°-120°	0°-90°	0°-90°	90°-120°	Tonne
4	1/8	0.2	0.28	0.2	0.42	0.42	0.23	0.96
5	3/16	0.3	0.42	0.3	0.63	0.63	0.35	1.5
6	1/4	0.4	0.56	0.4	0.84	0.84	0.46	2.32
8	5/6	0.8	1.12	0.8	1.68	1.68	0.92	4.11
10	3/8	1.0	1.4	1.0	2.1	2.1	1.5	6.42
13	1/2	2.2	3.0	2.2	4.6	4.6	3.3	10.8
16	5/8	3.3	4.6	3.3	6.9	6.9	4.6	16.4
19	3/4	4.7	6.5	4.7	9.8	9.8	7.0	23.1
22	7/8	6.3	8.8	6.3	13.2	13.2	9.4	31.1
25	1	8.8	12.3	8.8	18.4	18.4	13.2	43.4
28	1.1/8	10.0	14.7	10.5	22.0	22.0	15.7	50.4
32	1.1/4	13.1	18.3	13.1	27.5	27.5	19.6	65.7
35	1.3/8	15.7	21.0	15.0	31.5	31.5	22.5	78.7
38	1.1/2	18.5	25.9	18.5	38.8	38.8	27.7	92.8
44	1.3/4	25.0	35.0	25.0	52.5	52.5	37.5	124
52	2	35.0	49.0	35.0	73.5	73.5	52.5	174
56	2.1/4	40.0	56.0	40.0	84.0	84.0	60.0	201
60	2.3/8	46.2	64.6	46.2	97.0	97.0	69.3	231
64	2.1/2	55.0	77.0	55.0	115.5	115.5	82.5	274
71	2.3/4	66.6	93.2	66.6	139.8	139.8	99.9	333
77	3	77.8	108.9	77.8	163.4	163.4	116.7	289
80	3.1/8	83.4	116.7	83.4	175.1	175.1	125.1	417
83	3.1/4	89.4	125.2	89.4	187.7	187.7	134.1	447
86	3.3/8	95.4	133.5	95.4	200	200	143.1	477
90	3.1/2	113	158.2	113	237.3	237.3	169.5	565
96	3.3/4	127	177.8	127	266.7	266.7	190.5	635
103	4	143	200.2	143	300	300	214.5	715

All the above weights are shown in metric tonnes

The above safe working loads are based upon 6 x 19 construction or 6 x 41 construction IWRC steel wire rope, 180kgf/mm² (IPS)

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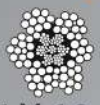
GENERAL PURPOSE EUROWIRE

6 X 19 Class Steel Core



6 X 19
(9/9/1) WRC

6 X 19
(6&6/6/1) WRC

6 X 19
(12/6&6F/1) WRC

STEEL CORE WIRE

Size Nominal Diameter	Steel Core				
	Approximate Mass	1770 Tensile Grade		1960 Tensile Grade	
		Minimum Breaking Load	Minimum Breaking Load	Minimum Breaking Load	Minimum Breaking Load
mm	kg/100m	tonnes(t)	kN	tonnes(t)	kN
6	14.4	2.32	22.07	2.56	25.1
7	19.6	3.15	30.9	3.49	34.2
8	25.6	4.11	40.3	4.56	44.7
9	32.4	5.20	51.0	5.76	56.5
10	40.0	6.24	63.0	7.12	69.8
11	48.4	7.77	76.2	8.61	84.4
12	57.6	9.25	90.7	10.20	100.0
13	67.6	10.80	106.0	12.00	118.0
14	78.4	12.60	124.0	14.00	137.0
16	102.0	16.40	161.0	18.30	179.0
18	130.0	20.80	204.0	23-10	226.0
19	144.0	23.10	227.0	25.70	252.0
20	160.0	25.70	252.0	28.50	279.0
21	176.0	28.40	278.0	31.40	308.0
22	194.0	31.10	305.0	34.50	338.0
24	230.0	37.00	363.0	41.00	402.0
26	270.0	43.40	426.0	48.10	472.0
28	314.0	50.40	494.0	55.80	547.0
29	336.0	54.10	530.0	59.90	587.0
32	410.0	65.70	645.0	72.90	715.0
35	490.0	78.70	772.0	87.20	855.0
36	518.0	83.30	817.-0	92.20	904.0
38	578.0	92.80	910.0	103.00	1010.0
40	640.0	103.00	1010.0	114.00	1120.0
44	774.0	124.00	1220.0	138.00	1350.0
48	922.0	148.00	1450.0	164.00	1610.0
52	1080.0	174.00	1700.0	193.00	1890.0
54	1170.0	187.00	1837.0	207.00	2030.0
56	1250	210.00	1980.0	223.00	2190.0
60	1440	213.00	2270.0	256.00	2510.0

These ropes are in accordance with BS 302:1987

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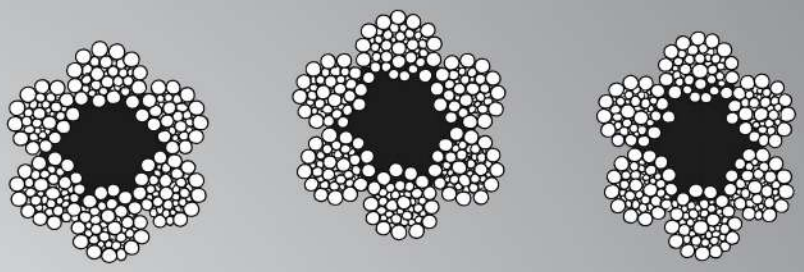
GENERAL PURPOSE EUROWIRE

6 X 36 Class Fibre Core



(6 X 36) FC (6 X37) FC (6 X 41) FC

Size Nominal Diameter	Fibre Core				
	Approximate Mass	1770 Tensile Grade		1960 Tensile Grade	
		Minimum Breaking Load	Minimum Breaking Load	Minimum Breaking Load	Minimum Breaking Load
mm	kg/100m	tonnes(t)	kN	tonnes(t)	kN
8	23.5	3.81	37.4	4.22	41.4
9	29.7	4.82	47.3	5.34	52.4
10	36.7	5.95	58.4	6.60	64.7
11	44.4	7.21	70.7	7.99	78.3
12	52.8	8.57	84.1	9.50	93.1
13	62.0	10.10	98.7	11.10	109.0
14	71.9	11.60	114.0	13.00	127.0
16	94.0	15.30	150.0	16.90	166.0
18	119.0	19.30	189.0	21.40	210.0
19	132.0	21.50	211.0	23.80	233.0
20	147.0	23.90	234.0	26.40	259.0
22	178.0	28.80	283.0	31.90	313.0
24	211.0	34.30	336.0	38.0	373.0
26	248.0	40.30	395.0	44.60	437.0
28	288.0	46.70	458.0	51.70	507.0
32	376.0	61.0	598.9	67.50	662.0
35	450.0	73.0	716.0	80.80	792.0
36	476.0	77.20	757.0	85.50	838.0
38	530.0	85.90	843.0	95.30	934.0
40	587.0	95.30	935.0	106.00	1040.0
44	711.0	115.0	1130.0	128.00	1250.0
48	846.0	138.0	1350.0	152.00	1490.0
52	992.0	161.00	1580.0	179.00	1750.00
54	1070.00	174.00	1703.0	193.00	1890.0
56	1150.0	187.00	1830.0	227.00	2030.0
60	1320.0	214.00	2100.0	238.00	2330.0

These ropes are in accordance with BS 302:1987

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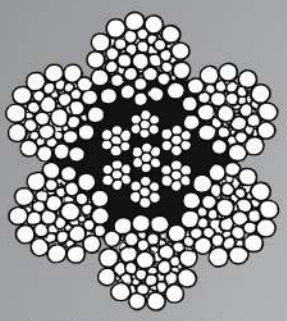
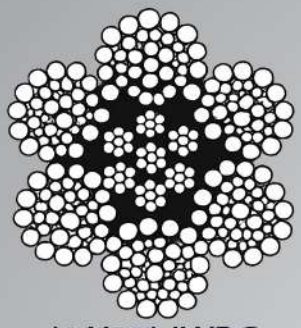
GENERAL PURPOSE EUROWIRE

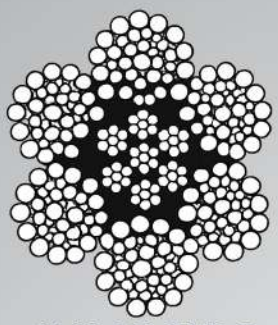
6 X 36 Class Steel Core



(6 X 36) IWRC



(6 X37) IWRC



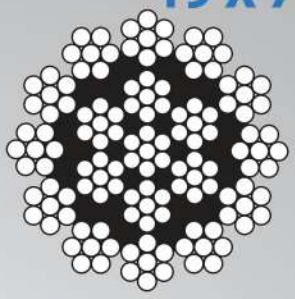
(6 X 41) IWRC

Size Nominal Diameter	Fibre Core				
	Approximate Mass	1770 Tensile Grade		1960 Tensile Grade	
		Minimum Breaking Load	Minimum Breaking Load	Minimum Breaking Load	Minimum Breaking Load
mm	kg/100m	tonnes(t)	kN	tonnes(t)	kN
8	26.2	4.11	40.3	4.56	44.7
9	33.1	5.20	51.0	5.76	56.5
10	40.9	6.42	63.0	7.12	69.8
11	49.5	7.77	76.2	8.61	84.4
12	58.9	9.25	90.7	10.20	100.0
13	69.1	10.80	106.0	12.00	118.0
14	80.2	12.60	124.0	14.00	137.0
16	105.0	16.40	161.0	18.30	179.0
18	133.0	20.80	204.0	23.10	226.0
19	148.0	23.10	227.0	25.70	252.0
20	164.0	25.70	252.0	28.50	279.0
22	198.0	31.10	305.0	34.50	338.0
24	236.0	37.00	363.0	41.00	402.00
26	276.0	43.40	425.0	48.10	472.0
28	321.0	50.40	494.0	55.80	547.0
32	419.0	65.70	645.0	72.90	715.0
35	501.0	78.70	772.0	87.20	855.0
36	530.0	83.30	817.0	92.20	904.0
38	591.0	92.80	910.0	103.00	1010.0
40	654.0	103.00	1010.0	114.00	1120.0
44	792.0	124.00	1220.0	138.0	1350.0
48	942.0	148.00	1450.0	164.00	1610.0
52	1110.0	174.00	1700.0	193.00	1890.0
54	1190.0	187.00	1837.00	208.00	2040.0
56	1280.0	201.00	1980.0	223.0	2190.0
60	1470.0	231.00	2270.0	256.00	2510.0

LIFTINGSAFETY.UK

GENERAL PURPOSE EUROWIRE

19 X 7 Non Rotating steel Wire Rope



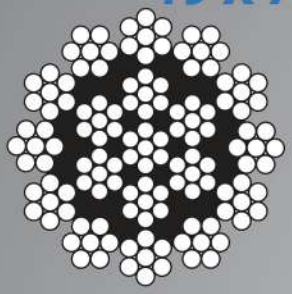
(19 X 7) WRC

Size Nominal Diameter mm	Steel Core		
	Approx Weight Kg/m	Minimum Breaking Load in Metric	
		1770N/mm² Tensile Grade (180kg/mm²)	1910N/mm² Tensile Grade (195kg/mm²)
10.0	0.481	7.92	8.58
11.2	0.604	9.94	10.8
12.0	0.693	11.4	12.4
12.6	0.764	12.6	13.6
13.0	0.813	13.4	14.5
14.0	0.943	15.5	16.8
14.3	0.984	16.2	17.6
15.0	1.083	17.8	19.3
16.0	1.232	20.3	22.0
17.5	1.474	24.3	26.3
18.0	1.599	25.7	27.8
19.0	1.737	28.6	31.0
20.0	1.925	31.7	34.3
21.0	2.122	34.9	37.9
22.4	2.415	39.8	43.1
24.0	2.772	45.6	49.4
25.0	3.008	49.5	53.7
25.4	3.105	51.1	55.4
26.0	3.253	53.6	58.0
28.0	3.773	62.1	67.3
28.6	3.936	64.8	70.2
30.0	4.331	71.3	77.3
32.0	4.928	81.1	87.9
34.0	5.563	91.6	99.2
35.0	5.895	97.1	105
36.0	6.237	103	111
38.0	6.949	114	124
40.0	7.700	127	137

LIFTINGSAFETY.UK

GENERAL PURPOSE EUROWIRE

19 X 7 Non Rotating steel Wire Rope



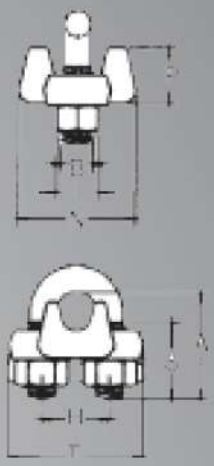
(35 X 7) WRC

STEEL CORE WIRE

Size Nominal Diameter mm	Steel Core		
	Approx Weight Kg/m	Minimum Breaking Load in Metric	
		1770N/mm² Tensile Grade (180kg/mm²)	1910N/mm² Tensile Grade (195kg/mm²)
10.0	0.481	7.92	8.58
11.2	0.604	9.94	10.8
12.0	0.693	11.4	12.4
12.6	0.764	12.6	13.6
13.0	0.813	13.4	14.5
14.0	0.943	15.5	16.8
14.3	0.984	16.2	17.6
15.0	1.083	17.8	19.3
16.0	1.232	20.3	22.0
17.5	1.474	24.3	26.3
18.0	1.599	25.7	27.8
19.0	1.737	28.6	31.0
20.0	1.925	31.7	34.3
21.0	2.122	34.9	37.9
22.4	2.415	39.8	43.1
24.0	2.772	45.6	49.4
25.0	3.008	49.5	53.7
25.4	3.105	51.1	55.4
26.0	3.253	53.6	58.0
28.0	3.773	62.1	67.3
28.6	3.936	64.8	70.2
30.0	4.331	71.3	77.3
32.0	4.928	81.1	87.9
34.0	5.563	91.6	99.2
35.0	5.895	97.1	105
36.0	6.237	103	111
38.0	6.949	114	124
40.0	7.700	127	137

LIFTINGSAFETY.UK

FORGED WIRE ROPE CLIP



Forged Wire Rope Clip . G450

Entire Clips - Galvanized to resist corrosive rusting action.

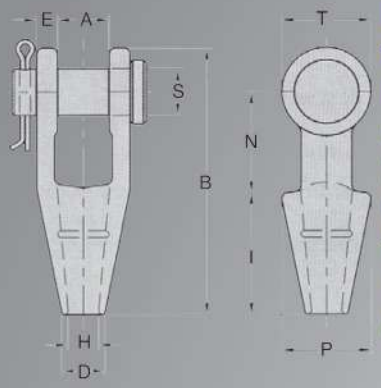
All clips are individually bagged or tagged with aplication instructions and warning information.

Rope Dia (mm)	Rope Size (In)	CRC Item No.	Qty	Weight Per 100 (kg)	Dimensions (mm)							
					B	A	S	H	P	I	N	T
3-4	1/8	14803-04	100	2.72	5.60	18.3	11.2	11.9	10.4	9.65	20.6	23.9
5	3/16	14800-05	-II-	4.54	6.35	24.6	14.2	15.0	12.7	11.2	23.9	29.5
6-7	1/4	14806-07	-II-	8.62	7.85	26.2	12.7	19.1	16.8	14.2	30.2	36.6
8	5/16	14800-08	-II-	12.7	9.65	35.1	19.1	22.4	18.3	17.5	33.3	42.9
9-10	3/8	14809-10	-II-	21.8	11.2	38.1	19.1	25.4	23.1	19.1	41.4	49.3
11	7/16	14800-11	50	35.4	12.7	47.8	25.4	30.2	26.2	22.4	46.0	58.0
12-13	1/2	14812-13	-II-	36.3	12.7	47.8	25.4	30.2	28.7	22.4	48.5	58.0
14-15	9/16	14814-15	-II-	49.4	14.2	57.0	31.8	33.3	31.0	23.9	52.5	63.5
16	5/8	14800-16	-II-	49.9	14.2	60.5	31.8	33.3	34.0	23.9	52.5	63.5
18	11/16	14800-18	25	64	15.7	70.0	36.6	38.1	35.8	26.9	57.0	72.0
20-22	13/16	14820-22	-II-	96	19.1	79.0	41.1	44.5	40.4	31.8	62.0	80.5
24-26	1	14824-26	-II-	114	19.1	89.0	46.0	47.8	45.2	31.8	67.0	88.0
28-30	1-1/8	14828-30	-II-	128	19.1	98.5	51.0	51.0	48.5	31.8	71.5	91.0
32-34	1-1/4	14832-34	-II-	199	22.4	108	54.0	58.5	55.5	36.6	79.5	105
36	1-3/8	14800-36	-II-	200	22.4	118	58.5	60.5	58.5	36.6	79.5	106
38	1-1/2	14800-38	-II-	247	22.4	125	60.5	66.5	62.0	36.6	86.5	113
41-42	1-5/8	14841-42	BULK	319	25.4	135	66.5	70.0	67.5	41.4	92.0	121
44-46	1-3/4	14844-46	-II-	424	28.7	146	70.0	77.5	74.5	46.0	97.0	134
48-52	2	14848-52	-II-	590	31.8	164	76.0	86.0	83.5	51.0	113	149
56-58	2-1/4	14856-58	-II-	726	31.8	181	81.0	98.5	81.0	51.0	114	162
62-65	2-1/2	14862-65	-II-	862	31.8	195	87.5	105	93.5	51.0	103	168
68-72	2-3/4	14868-72	-II-	1043	31.8	211	90.5	111	124	51.0	127	175
75-78	3	14875-78	-II-	1406	38.1	233	98.5	121	119	60.5	149	194
85-90	3-3/8	14885-90	-II-	1814	38.1	273	114	140	152	60.5	157	213

LIFTINGSAFETY.UK

FORGED OPEN SPELTER WIRE ROPE SOCKET

SOCKET



LIFTINGSAFETY.UK Spelter Sockets are forged from bar quality carbon with the finest hardness controlled by soheroidize annealing.

LIFTINGSAFETY.UK Spelter Sockets properly applied have an efficiency rating of 100% based on the catalogue strength of wire rope.

Socket size 1/4" thru 3/4" use 1 groove, 7/8" thru 1-1/2" use 2 grooves.

Open Spelter Socket meet the performance requirements of Federal Specification RR-S-550, Type A.

In accordance with ASME B30.9 all assembly slings with poured Spelter Sockets, shall be proof loaded.

Forged Open Spelter Wire Rope Socket, with Round pin.

Rope. dia. inch	Structural Strand dia. inch	Dimensions (inch)										Weight
		D	B	A	S	H	P	I	N	T	E	Lbs
1/4		0.71	4.65	0.91	0.67	0.38	1.54	2.25	1.56	1.31	0.35	1.1
5/16~3/8		0.83	4.84	0.83	0.79	0.51	1.73	2.25	1.77	1.50	0.44	1.3
7/16~1/2		0.98	5.62	0.98	0.98	0.59	1.96	2.48	2.13	1.91	0.50	1.6
9/16~5/8	1/2	1.14	6.77	1.26	1.19	0.70	2.25	3.00	2.52	2.28	0.55	3.6
3/4	9/16~5/8	1.26	7.96	1.50	1.38	0.89	2.64	3.62	3.00	2.64	0.62	3.6
7/8	11/16~3/4	1.50	9.25	1.77	1.63	0.94	3.35	4.02	3.50	3.17	0.80	9.6
1	13/16~7/8	1.75	10.55	2.05	2.00	1.14	3.75	4.48	4.02	3.78	0.91	15.5
1 1/8	15/16~1	2.00	11.81	2.25	2.20	1.26	4.12	5.00	4.62	4.12	1.00	21.5
1 1/4~1 3/8	1 1/16~1 1/8	2.50	13.20	2.52	2.50	1.50	4.72	5.51	5.00	4.75	1.14	31.0
1 1/2	1 3/16~1 1/4	2.75	15 12	3 00	2 75	1 63	5 25	6 00	6 00	5 38	1 19	473

*S.C. = Self Coloured

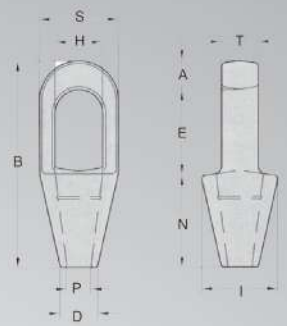
Rope. dia. mm	Structural Strand dia. inch	Dimensions (mm)										Weight
		D	B	A	S	H	P	I	N	T	E	Kg
6-7	--	18	118	25	17	9.6	39	57	40	33	9	0.5
8-10	--	21	123	23	20	13	44	57	45	38	11	0.6
11-13	--	25	142	25	25	15	50	63	54	48	13	0.7
14-16	**13**	32	172	32	30	18	57	76	64	58	14	1.6
18-20	**14-16**	32	202	38	35	22	67	92	76	67	16	1.6
22-23	**18-20**	38	235	45	41	24	85	102	89	80	20	4.4
24-26	**22-23**	44	268	52	51	29	95	114	102	96	23	7.0
28-30	**24-25**	51	300	57	56	32	105	127	117	105	25	9.8
32-35	**26-28**	57	335	64	63	38	120	140	127	121	29	14.0
36-39	**30-32**	70	384	76	70	41	133	152	152	137	30	21.4

*S.C. = Self Coloured

LIFTINGSAFETY.UK

FORGED CLOSE SPELTER WIRE ROPE SOCKET

SOCKET



LIFTINGSAFETY.UK Spelter Sockets are forged from bar quality carbon with the finest hardness controlled by soheroidize annealing.

LIFTINGSAFETY.UK Spelter Sockets properly applied have an efficiency rating of 100% based on the catalogue strength of wire rope.

Socket size 1/4" thru 3/4" use 1 groove, 7/8" thru 1-1/2" use 2 grooves.

Open Spelter Socket meet the performance requirements of Federal Specification RR-S-550D, Type B.

In accordance with BSME B30.9 all assembly slings with poured Spelter Sockets, shall be proof loaded.

Forged Closed Spelter Wire Rope Socket. BCW-143

Rope. dia. inch	Structural Strand dia. inch	Dimensions (inch)										Weight
		D	B	A	S	H	P	I	N	T	E	Lbs
1/4		0.71	4.50	0.50	1.50	0.88	0.39	1.50	2.25	0.50	1.73	0.5
5/16~3/8		0.83	4.88	0.62	1.69	0.98	0.50	1.70	2.25	0.71	2.00	0.8
7/16~1/2		0.98	5.43	0.71	2.01	1.19	0.55	1.96	2.52	0.87	2.25	1.5
9/16~5/8	1/2	1.12	6.31	0.83	2.63	1.41	0.71	2.50	3.00	0.98	2.52	2.5
3/4	9/16~5/8	1.26	7.58	1.06	3.00	1.61	0.89	2.75	3.50	1.26	3.00	5.5
7/8	11/16~3/4	1.50	8.75	1.26	3.63	1.89	0.94	3.46	3.98	1.50	3.50	7.5
1	13/16~7/8	1.77	9.88	1.38	4.20	2.28	1.14	3.78	4.50	1.77	4.02	10.5
1 1/8	15/16~1	2.00	10.98	1.50	4.50	2.56	1.26	4.12	5.00	2.00	4.50	14.3
1 1/4~1 3/8	1 1/16~1 1/8	2.25	12.31	1.63	5.30	2.80	1.50	4.75	5.50	2.25	5.00	19.8
1 1/2	1 3/16~1 1/4	2.75	13.94	1.93	1.93	3.19	1.63	5.25	6.00	2.52	6.00	29.2

*S.C. = Self Coloured

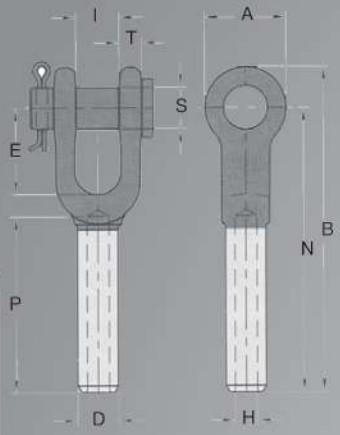
Rope. dia. mm	Structural Strand dia. mmm	Dimensions (mm)										Weight
		D	B	A	S	H	P	I	N	T	E	Kg
6-7	--	18	114	13	38	22	10	38	57	13	33	0.2
8-10	--	21	124	16	43	25	13	43	57	18	51	0.4
11-13	--	25	138	18	51	30	14	50	64	22	57	0.7
14-16	**13**	29	160	21	67	36	18	63	67	25	64	1.1
18-20	**14-16**	32	192	27	76	41	21	70	89	32	67	2.5
22-23	**18-20**	38	222	32	92	48	24	88	101	38	89	3.4
24-26	**22-23**	45	251	35	104	58	29	96	114	45	102	4.8
28-30	**24-25**	51	279	38	114	65	32	105	127	50	114	6.5
32-35	**26-28**	57	312	41	135	71	38	121	140	57	127	9.0
36-39	**30-32**	70	354	49	135	81	41	133	152	64	152	13.3

*S.C. = Self Coloured

LIFTINGSAFETY.UK

FORGED OPEN SWAGE WIRE ROPE SOCKET

SOCKET



LIFTINGSAFETY.UK Open Swage Sockets are forged from bar quality carbon steel with finest hardness controlled by spheroidize annealling.

LIFTINGSAFETY.UK Swage Sockets propely applied have an efficiency rating 100% based on the catalogue strength of wire rope.

LIFTINGSAFETY.UK Swage Sockets are recommended for use with 6x19, 6x37, and IWRC wire rope.

LIFTINGSAFETY.UK Swage Sockets are not recommended for use fibre core or lang lay rope.

Al slings swaged with socket shall be proof loaded in accordance with ANSI B30.9

Forged Open Swage Wire Rope Socket.

Rope. Size inch	Dimensions (inch)										Max. After Swage Inch	Weight Lbs
	D	B	A	S	H	P	I	N	T	E		
1/4	0.50	4.80	1.38	0.69	0.27	2.17	0.67	4.02	0.35	1.50	0.46	0.5
5/16	0.77	6.26	1.65	0.81	0.34	3.15	0.79	5.31	0.47	1.77	0.71	1.1
3/8	0.77	6.26	1.65	0.81	0.34	3.15	0.79	5.31	0.47	1.77	0.71	1.3
7/16	0.98	7.83	2.00	1.00	0.48	4.33	1.00	6.85	0.55	1.96	0.91	2.1
1/2	0.98	7.83	2.00	1.00	0.55	4.33	1.00	6.85	0.55	1.96	0.91	2.1
9/16	1.25	9.45	2.36	1.19	0.61	5.31	1.22	8.27	0.68	2.25	1.16	4.7
5/8	1.25	9.45	2.36	1.19	0.67	5.31	1.22	8.27	0.68	2.25	1.16	4.5
3/4	1.55	11.61	2.75	1.38	0.80	6.34	1.50	10.07	0.79	2.75	1.42	8.0
7/8	1.70	13.39	3.15	1.63	0.94	7.44	1.77	11.81	0.94	3.23	1.55	11.5
1	1.98	15.55	3.94	2.00	1.06	8.50	2.00	13.58	1.02	3.86	1.80	17.8
1-1/8	2.25	17.40	4.06	2.20	1.19	9.37	2.25	15.08	1.19	4.26	2.05	25.3
1-1/4	2.53	19.06	4.45	2.48	1.33	10.59	2.48	16.50	1.34	4.72	2.30	35.6
1-3/8	2.80	21.02	5.00	2.50	1.45	11.69	2.52	18.23	1.38	5.20	2.56	43.8
1-1/2	3.08	22.88	5.51	2.75	1.58	12.40	3.00	19.75	1.54	5.75	2.81	58.5
1-3/4	3.39	26.53	6.70	3.50	1.86	14.88	3.50	23.00	1.56	6.75	3.08	88.8
2	3.94	31.44	8.00	3.75	2.11	16.96	4.00	26.88	1.56	8.00	3.56	146.3

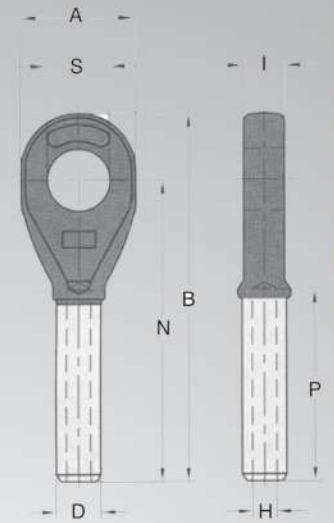
*S.C. = Self Coloured

Rope. Size mm	Dimensions (mm)										Max. After Swage mm	Weight Kg
	D	B	A	S	H	P	I	N	T	E		
6-7	31	122	35	18	7	55	17	102	9	38	12	0.2
8	20	159	42	21	9	80	20	135	12	45	18	0.5
9-10	20	159	42	21	10	80	20	135	12	45	18	0.6
11-12	25	199	50	25	12	110	25	174	14	50	23	1.0
13	25	199	50	25	14	110	25	174	14	50	23	0.9
14-15	32	240	60	30	15	135	31	210	17	57	30	2.1
16	32	240	60	30	17	135	31	210	17	57	30	2.0
18-20	39	295	70	35	20	161	38	256	20	70	36	3.6
22-23	43	340	80	41	24	189	45	300	24	82	40	5.2
24-25	50	395	100	51	27	216	50	345	26	98	46	8.1
28	57	442	103	57	30	238	57	383	30	108	52	11.5
32	64	484	113	64	34	269	63	419	34	120	59	16.2
35-36	71	534	127	64	37	297	64	463	35	132	65	19.9
38	78	581	140	70	40	315	76	502	43	146	72	26.5
44-45	86	674	170	89	47	378	89	584	40	171	78	40.3
48-51	100	798	203	95	54	431	101	682	40	203	91	66.4

*S.C. = Self Coloured

LIFTINGSAFETY.UK

FORGED CLOSED SWAGE WIRE ROPE SOCKET



LIFTINGSAFETY.UK Closed Swage Sockets are forged from bar quality carbon steel with finest hardness controlled by spheroidize annealling.

LIFTINGSAFETY.UK Swage Sockets propely applied have an efficiency rating 100% based on the catalogue strength of wire rope.

LIFTINGSAFETY.UK Swage Sockets are recommended for use with 6x19, 6x37, and IWRC wire rope. Suitable for use on galvanized bridge rope.

LIFTINGSAFETY.UK Swage Sockets are not recommended for use fibre core or lang lay rope.

All slings swaged with socket shall be proof loaded in accordance with ANSI B30.9

SOCKET

Forged Close Swage Wire Rope Socket.

Rope. Size inch	Dimensions (inch)								Max. After Swage Inch	Weight Lbs
	D	B	A	S	H	P	I	N		
1/4	0.50	4.33	1.38	0.75	0.27	2.13	0.50	3.50	0.46	0.4
5/16	0.77	5.50	1.63	0.89	0.34	3.15	0.67	4.50	0.71	0.7
3/8	0.77	5.50	1.63	0.89	0.41	3.15	0.67	4.50	0.71	0.7
7/16	0.98	6.93	2.00	1.06	0.48	4.25	0.89	5.75	0.91	1.4
1/2	0.98	6.93	2.00	1.06	0.55	4.25	0.89	5.75	0.91	1.4
9/16	1.25	8.70	2.40	1.26	0.61	5.31	1.14	7.28	1.16	2.9
5/8	1.25	8.70	2.40	1.26	0.67	5.31	1.14	7.28	1.16	2.9
3/4	1.55	10.20	2.87	1.44	0.80	6.38	1.31	8.54	1.42	0.5
7/8	1.70	11.97	3.11	1.70	0.94	7.44	1.50	10.16	1.55	6.8
1	1.98	13.46	3.62	2.05	1.06	8.50	1.77	11.54	1.80	10.4
1-1/8	2.25	15.04	4.02	2.32	1.19	9.57	2.00	12.72	2.05	14.8
1-1/4	2.53	16.97	4.50	2.56	1.33	10.63	2.25	14.33	2.30	21.6
1-3/8	2.80	18.70	5.00	2.56	1.45	11.69	2.25	15.83	2.56	28.5
1-1/2	3.08	20.12	5.50	2.81	1.58	12.75	2.52	17.01	2.81	38.1
1-3/4	3.39	23.54	6.26	3.54	1.86	14.88	3.00	20.00	3.08	51.0
2	3.94	27.64	7.24	3.82	2.13	17.01	3.27	23.00	3.56	89.3

*S.C. = Self Coloured

Rope. Size mm	Dimensions (mm)								Max. After Swage mm	Weight Kg
	D	B	A	S	H	P	I	N		
6-7	13	110	35	19	7	54	13	89	12	0.2
8	20	140	41	22	9	80	17	114	18	0.3
9-10	20	140	41	22	11	80	17	114	18	0.3
11-12	25	176	51	27	12	108	22	146	23	0.6
13	25	176	51	27	14	108	22	146	23	0.6
14-15	32	221	61	32	15	135	29	185	30	1.3
16	32	221	61	32	17	135	29	185	30	1.3
18-20	39	259	73	36	20	162	33	217	36	2.3
22-23	43	304	79	43	24	189	38	258	39	3.1
24-25	50	342	92	52	27	216	45	293	46	4.7
28	57	382	102	59	30	243	51	323	52	6.7
32	64	431	114	65	34	270	57	364	58	9.8
35-36	71	475	127	65	37	297	57	402	65	13.0
38	78	511	140	71	40	323	64	432	71	17.3
44-45	86	598	159	90	47	378	76	508	78	23.1
48-51	100	702	184	97	54	432	83	584	90	40.5

*S.C. = Self Coloured

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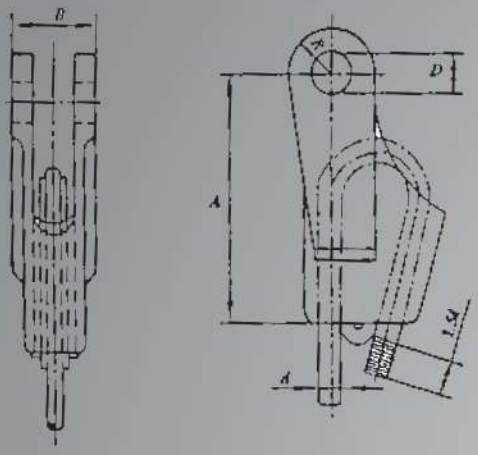
WEDGE SOCKET



LARGER SIZES ARE AVAILABLE ON REQUEST

SPECIFICATIONS

WEDGE SOCKET

Socket Size d mm	B	D	A	Working Load (KN)	R	Net weight per set (Kg)
6	29	16	90	16	10	0.56
8	31	18	100	25	10	0.77
10	38	20	120	25	15	1.01
12	44	25	155	30	20	1.70
14	51	30	185	35	25	2.34
16	60	34	195	42	30	3.27
18	64	36	195	44	35	4.00
20	72	38	222	50	50	5.45
22	76	40	240	52	55	6.37
24	83	50	260	60	65	8.32
26	92	56	280	65	75	10.16
28	94	55	305	70	95	13.94
32	110	65	360	77	120	17.94
36	122	70	390	85	155	23.03
40	145	75	470	90	200	32.35

WINCHLINE TAIL CHAINS

Hooks are forged - Quenched and Tempered.
Individually Proof Tested

SPECIFICATIONS

Wire Rope Diameter (mm)	Working Load Limit (Kg)	Length (mm)	No. of Links	Working Load (KN)	Weight Each (Kg)
8-10	2450	457	11	11	1.36
13-16	5900	457	7	7	2.81
19-22	15510	610	8	8	8.25
25-29	21640	457	5	5	9.60
25-29	21640	610	7	7	10.6

* Recommended for IPS or XIP (EIP), RRL, FC, or IWRC wire rope.
+ Ultimate load is 3.5 times the Working Load Limit.

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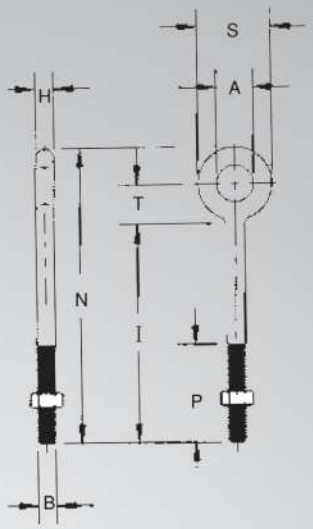
REGULAR NUT EYE BOLT



- Forged Steel-Quenched & Tempered
- All Bolts Hot Dip galvanized after threading (UNC)
- Furnished with standard Hot Dip galvanized, heavy hex nuts.

SPECIFICATIONS

Shank Diam-eter & Length (mm)	CER ITEM NO.	Working Load Limit (t)*	Weignt Per 100 (kg)	Dimensions (mm)							
				B	A	S	H	P	I	N	T
6.35X51.0	15601	,29	3.72	6.35	12.7	25.4	6.35	38.1	51.0	77.5	14.2
6.35X102	15602	,29	5.31	6.35	12.7	25.4	6.35	63.5	102	129	14.2
7.94X57.0	15603	.54	6.30	7.85	15.7	31.8	7.85	38.1	57.0	90.5	17.5
7.94X108	15604	.70	11.3	7.85	15.7	31.8	7.85	63.5	108	141	17.5
9.53X63.5	15605	.70	10.6	9.65	19.1	38.1	9.65	38.1	63.5	105	22.4
9.53X114	15606	.70	13.4	9.65	19.1	38.1	9.65	63.5	114	155	22.4
9.53X152	15607	1.18	16.0	9.65	19.1	38.1	9.65	63.5	152	194	22.4
12.7X82.5	15608	1.18	22.8	12.7	25.4	51.0	12.7	38.1	82.5	137	28.4
12.7X152	15609	1.18	30.0	12.7	25.4	51.0	12.7	76.0	152	206	28.4
12.7X203	15610	1.18	37	12.7	25.4	51.0	12.7	76.0	203	257	28.4
12.7X254	15611	1.18	40	12.7	25.4	51.0	12.7	76.0	254	308	28.4
12.7X305	15612	2.35	52	15.7	25.4	51.0	12.7	76.0	305	359	28.4
15.9X102	15613	2.35	47	15.7	31.8	63.5	15.7	51.0	102	170	36.6
15.9X305	15614	2.35	54	15.7	31.8	63.5	15.7	76.0	152	221	36.6
15.9X203	15615	2.35	61	15.7	31.8	63.5	15.7	76.0	203	272	36.6
15.9X254	15616	2.35	70	19.1	31.8	63.5	15.7	76.0	254	322	36.6
15.9X305	15617	2.35	76	19.1	31.8	63.5	15.7	102	305	373	36.6
19.1X114	15618	3.26	76	19.1	38.1	76.0	19.1	51.0	114	195	42.9
19.1X152	15619	3.26	84	19.1	38.1	76.0	19.1	76.0	152	233	42.9
19.1X203	15620	3.26	94	19.1	38.1	76.0	19.1	76.0	203	284	42.9
19.1X254	15621	3.26	107	19.1	38.1	76.0	19.1	76.0	254	335	42.9
19.1X305	15622	3.26	117	22.4	38.1	76.0	19.1	102	305	386	42.9
19.1X381	15623	3.26	135	22.4	38.1	76.0	19.1	127	381	462	42.9
22.2X127	15624	4.80	122	22.4	44.5	89.0	22.4	63.5	127	222	51.0
22.2X203	15625	4.80	140	25.4	44.5	89.0	22.4	102	203	298	51.0
22.2X305	15626	4.80	181	25.4	44.5	89.0	22.4	102	305	400	51.0
25.2X152	15627	6.03	191	25.4	51.0	102	25.4	76.0	152	262	58.5
25.2X229	15628	6.03	213	25.4	51.0	102	25.4	102	229	338	58.5
25.4X305	15629	6.03	245	25.4	51.0	102	25.4	102	305	414	58.5
25.4X457	15630	6.03	295	31.8	51.0	102	25.4	178	457	567	58.5
31.8X203	15631	9.52	340	31.8	63.5	127	31.8	102	203	340	73.5
31.8X305	15632	9.52	408	31.8	63.5	127	31.8	102	305	441	73.5
31.8X508	15633	9.52	549	31.8	63.5	127	31.8	152	508	645	73.5

* Ultimate load is 5 times the Working Load Limit. Working load limit shown is for in-line pull.
* Maximum Proof Load is 2 times Working Load Limit.

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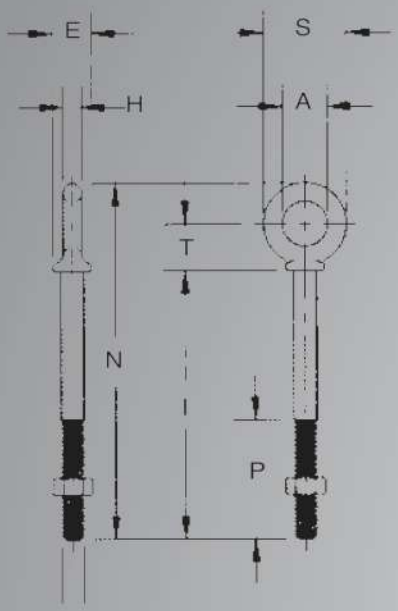
SHOULDER NUT EYE BOLTS



EYE BOLTS

- Forged Steel-Quenched & Tempered
- All Bolts Hot Dip galvanized after threading (UNC)
- Furnished with standard Hot Dip galvanized, heavy hex nuts.

SPECIFICATIONS

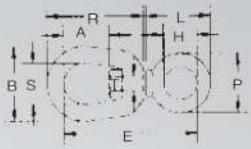
Shank Diameter & Length (mm)	CES ITEM NO.	Working Load Limit (t)*	Weignt Per 100 (kg)	Dimensions (mm)								
				B	A	S	H	P	I	N	T	E
6.35X51.0	15701	.29	.2.99	6.35	12.7	22.4	4.85	38.1	51.0	74.5	12.7	11.9
6.35X102	15702	.29	4.13	6.35	12.7	22.4	4.85	63.5	102	125	12.7	11.9
7.94X57.0	15703	.54	5.67	7.85	15.7	28.4	6.35	38.1	57.0	89.0	17.5	14.2
7.94X108	15704	.54	8.53	7.85	15.7	28.4	6.35	63.5	108	140	17.5	14.2
9.53X63.5	15705	.70	9.71	9.65	19.1	35.1	7.85	38.1	63.5	101	19.8	16.8
9.53X114	15706	.70	11.5	9.65	19.1	35.1	7.85	63.5	114	152	19.8	16.8
12.7X82.5	15707	1.18	19.3	12.7	25.4	44.5	9.65	38.1	82.5	130	25.4	23.1
12.7X152	15708	1.18	25.8	12.7	25.4	44.5	9.65	76.0	152	200	25.4	23.1
15.9X102	15709	2.35	31.1	15.7	31.8	57.0	12.7	51.0	102	164	33.3	28.4
15.9X305	15710	2.35	46.4	15.7	31.8	57.0	12.7	76.0	152	214	33.3	28.4
19.1X114	15711	3.26	66	19.1	38.1	70.0	15.7	51.0	114	189	39.6	35.1
19.1X152	15712	3.26	76	19.1	38.1	70.0	15.7	76.0	152	227	39.6	35.1
22.2X127	15713	4.80	102	22.4	44.5	82.5	19.1	63.5	127	215	46.7	39.6
25.4X152	15714	6.03	166	25.4	51.0	95.5	22.4	76.0	152	253	53.0	46.0
25.4X229	15715	6.03	192	25.4	51.0	95.5	22.4	102	229	329	53.0	46.0
31.8X203	15716	9.52	295	31.8	63.5	144	25.4	102	203	323	62.5	58.0
31.8X305	15717	9.52	361	31.8	63.5	114	25.4	102	305	425	62.5	58.0
38.1X381	15718	10.8	646	38.1	76.0	140	31.8	152	381	527	76.0	70.0

* Ultimate load is 5 times the Working Load Limit. Working load limit shown is for in-line pull.
* Maximum Proof Load is 2 times Working Load Limit.

FORGED SWIVELS

CHAIN SWIVELS

- In accordance with Federal Specification RR-C-271D, Type VII, Class I

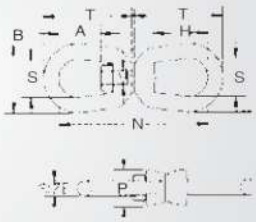


Size (mm)	CCS Item No..	Working Load Limit (t)*	Weignt Each (kg)	Dimensions (mm)										
				B	A	S	H	P	I	N	T	E	R	L
6	14906	.39	.06	31.8	17.5	19.1	15.7	28.4	6.35	17.5	7.85	57.0	42.9	31.8
8	14908	.57	.11	6.35	41.4	20.6	25.4	19.1	35.1	7.85	20.6	69.0	52.5	37.3
10	14910	1.02	.24	51.0	23.9	31.8	25.4	44.5	9.65	25.4	12.7	87.5	63.5	47.5
13	14913	1.63	.51	63.5	33.3	38.1	31.8	57.0	12.7	33.3	16.0	108	81.0	62.0
16	14916	2.36	.95	76.2	39.6	44.5	38.1	70.0	15.8	38.1	19.1	130	98.5	74.5
19	14919	3.27	1.40	89.0	44.5	51.0	44.5	82.5	19.1	47.8	22.4	147	125	88.0

* Ultimate load is 5 times the Working Load Limit.

REGULAR SWIVELS

- In accordance with Federal Specification RR-C-271D, Type VII, Class II

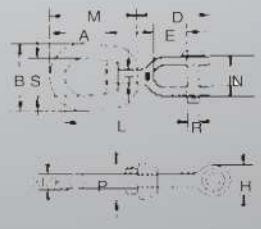


Size (mm)	CRS Item No..	Working Load Limit (t)*	Weignt Each (kg)	Dimensions (mm)							
				B	A	S	H	P	I	N	T
6	15006	.39	.10	31.8	17.5	19.1	26.9	17.5	7.85	74.5	42.9
8	15008	.57	.18	41.8	20.6	20.6	31.8	20.6	9.65	90.0	52.0
10	15010	1.02	.32	51.0	23.9	31.8	38.1	25.4	12.7	109	63.5
13	15013	1.63	.60	63.5	33.3	38.1	51.0	33.3	16.0	138	81.0
16	15016	2.36	1.13	76.0	39.3	44.5	60.5	38.1	19.1	167	98.5
19	15019	3.27	1.82	89.0	44.5	51.0	67.0	47.8	22.4	183	109
22	15022	4.54	2.83	102	52.0	57.0	77.5	54.0	25.4	213	127
25	15025	5.67	4.06	114	58.5	63.5	89.0	60.5	28.7	245	146
32	15032	8.16	7.42	143	68.5	79.5	93.5	76.0	41.4	291	172
38	15038	20.5	20.8	178	98.5	102	106	102	57.0	435	254

* Ultimate load is 5 times the Working Load Limit.

JAW END SWIVELS

- In accordance with Federal Specification RR-C-271D, Type VII, Class III



SIZE (MM)	CJS Item No,	Working Load Limit (t)*	Working Each (kg)	Dimensions (mm)												
				B	A	S	H	P	I	N	T	E	R	L	M	D
6	15106	.32	.10	31.8	17.5	19.1	17.5	17.5	11.9	26.2	7.85	22.4	6.35	67.0	42.9	42.9
8	15108	.57	.15	41.4	20.6	25.4	20.6	20.6	12.7	28.7	9.65	22.4	7.85	74.5	9.65	46.0
10	15110	1.02	.30	51.0	23.9	31.8	25.4	25.4	16.0	35.8	12.7	269	92.0	63.5	12.7	57.0
13	15113	1.63	.61	63.5	33.3	38.1	33.3	33.3	19.1	44.5	16.0	33.3	114	81.0	16.0	73.0
16	15116	2.36	1.12	76.0	39.0	44.5	41.4	38.1	23.9	52.0	19.1	38.1	135	98.5	19.1	87.5
19	15119	3.27	1.76	89.0	44.5	51.0	47.8	47.8	28.7	64.5	22.4	44.5	154	109	22.4	102
22	15122	4.54	2.66	102	52.0	57.0	54.0	54.0	30.2	70.0	25.4	52.0	178	127	25.4	115
25	15125	5.67	4.46	114	58.5	63.5	67.0	60.5	44.5	94.5	28.7	71.5	217	146	28.7	151
32	15132	8.16	7.14	143	68.5	76.5	79.5	76.0	52.0	109	414	71.5	248	179	41.4	162
38	15138	20.5	24.8	178	98.5	102	143	102	73.0	152	57.0	113	374	254	57.0	275

* Ultimate load is 5 times the Working Load Limit.

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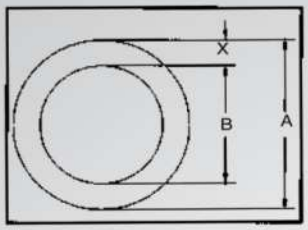
WELDLESS RINGS, PEAR LINKS AND WIRE ROPE THIMBLES

WELDLESS RINGS

In accordance with Federal Specification RR-C-271D, Type V

Size (x) (mm)	CWR Item No.	Working Load Limit Single Pull(t)*	Weight Each (kg)	B	Dimensions (mm) A
22.2 x 102	15201	.3.27	1.23	102	146
22.2 x 140	15202	2.54	1.57	140	184
25.4 x 102	15203	4.90	1.57	102	152
28.6 x 152	15204	4.72	2.99	152	210
31.8 x 127	15205	7.71	3.09	127	191
34.9 x 152	15206	8.62	4.59	152	222



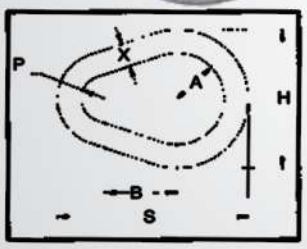
* Ultimate load is 6 times the Working Load Limit.

- Self Coloured or Hot Dip galvanized
- Forged carbon steel - Quenched and Tempered.

WELDLESS PEAR LINKS

In accordance with Federal Specification RR-C-271D, Type VI

Size (x) (mm)	Size (In)	BPL Item No.	Working Load Limit Single Pull (t)*	Weight Each (kg)	Dimensions (mm) B	A	S	H	P
9-10	3/8	15409-10	.82	0.10	28.7	19.1	76.0	57.0	9.65
11-13	1/2	15411-13	1.32	.25	38.1	25.4	102	76.0	12.7
16	5/8	15400-16	1.91	.48	47.5	31.8	127	95.5	16.0
18-20	3/4	15418-20	2.72	.85	57.0	38.1	152	114	19.1
22	7/8	15400-22	3.76	1.25	67.0	44.5	178	133	22.4
24-26	1	15424-26	4.90	1.97	76.0	51.0	203	152	25.4
32	1.1/4	15400-32	7.60	3.45	102	63.5	260	191	31.8
35	1.3/8	15400-35	9.30	5.13	105	70.0	279	210	35.1



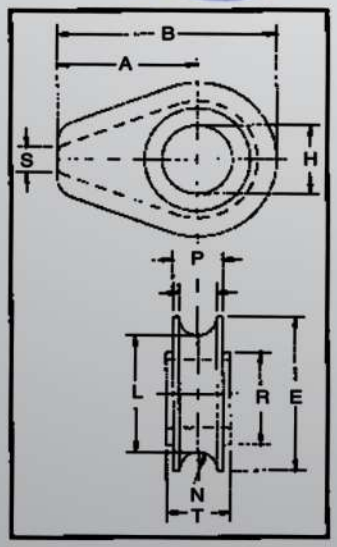
* Ultimate load is 6 times the Working Load Limit.

Based On Single Leg Sling (In-Line Load), or resultant Load on multiple legs with an included angle less than or equal to 120°

SOLID WIRE ROPE THIMBLES

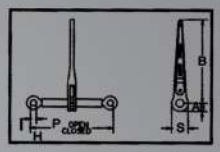
In accordance with Federal Specification RR-C-271D, Type VI

Rope Dia (mm)	BST Item No.	Working Each (kg)	Dimensions (mm) B	A	S	H	P	I	N	T	E	R	L
13	15500-13	.28	71.5	44.5	6.35	26.9	19.1	14.2	7.10	22.4	54.0	41.4	39.6
16	15500-16	1.00	119	76.0	9.65	33.3	26.9	20.6	10.4	28.7	86.0	57.0	65.0
18-20	15518-20	1.05	119	76.0	9.65	38.1	26.9	20.6	10.4	3.51	86.0	57.0	65.0
22	15500-22	2.47	154	97.0	12.7	44.5	35.1	26.9	13.5	41.4	114	82.5	87.5
24-26	15524-26	2.38	154	97.0	12.7	54.0	35.1	26.9	13.5	46.0	114	82.5	87.5
28-30	15528-30	4.21	184	116	16.0	60.5	44.5	33.3	16.8	52.5	137	98.5	103
32-35	15532.35	4.45	184	116	16.0	67.0	49.3	38.9	19.8	58.5	137	98.5	103



LOAD BINDERS

LOAD BINDER EYES



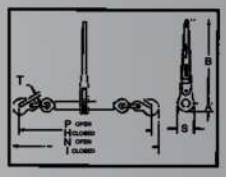
SPECIFICATIONS

BLBE Item No.	Chain Size (mm)	Working Load Limit (t)	Weight Each (Kg)	Handle Length (mm)	Barrel Length (mm)	Take (Up) (mm)	Dimensions (mm)					
							B	A	S	H	P	I
16501	16	5.90	3.65	356	254	203	356	35.1	70.0	356	559	25.4

+ Ultimate load is 3 times the Working Load Limit.

LOAD BINDER STANDARD RATCHET

- Continuous take-up feature, infinite adjustment, gets the last half link of chain
- One piece assembly, no bolts or nuts to loosen.
- Ratchet spring rust proofed.
- All load bearing or holding parts forged.
- Easy operating positive ratchet.



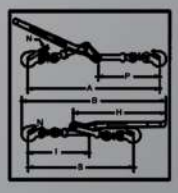
SPECIFICATIONS

Model	BLBR Item No.	Min. Max Chain Size (mm)	Working Load Limit (t)	Proof Load (KN)	Weight Each (kg)	Handle Length (mm)	Take Up (mm)	Dimensions (mm)							
								B	A	S	H	P	I	N	T
R-1	16401	8-10	3.00	59	5.09	356	203	356	35.1	70.0	583	786	638	842	12.7
R-2	16402	10-13	4.17	82	5.82	356	203	356	35.1	70.0	641	845	702	905	16.0
R-3	16403	13-16	5.90	116	6.60	356	203	356	35.1	70.0	670	873	748	651	18.3

+ Ultimate load is 3 times the Working Load Limit.

LOAD BINDER STANDARD LEVER

- Extra heavy construction at leverage point to prevent spreading. Heel of binder toggles away from load, permitting easy release
- Ball and socket swivel joints at hook assembles permit a straight line pul.



SPECIFICATIONS

Model	BLBS Item No.	Min. Max Chain Size (mm)	Working Load Limit (t)	Proof Load (KN)	Ultimate Load (t)	Weight Each (kg)	Handle Length (mm)	Take Up (mm)	Dimensions (mm)						
									B	A	S	H	P	I	N
1	16301	8-10	3.00	48	8.63	3.18	406	114	613	562	454	406	264	264	12.7
2	16302	10-13	4.17	82	15.0	5.66	475	114	730	654	540	475	313	314	16.0
3	16303	13-16	5.90	116	20.9	8.93	533	121	794	756	635	533	372	349	18.3

+ Ultimate load is 3 times the Working Load Limit.

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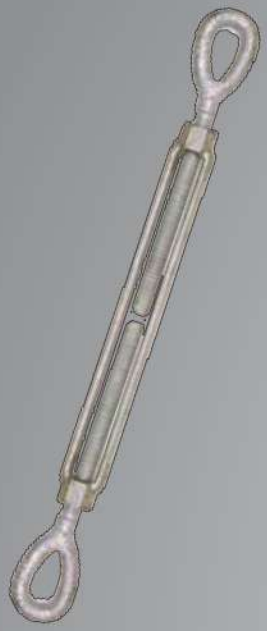
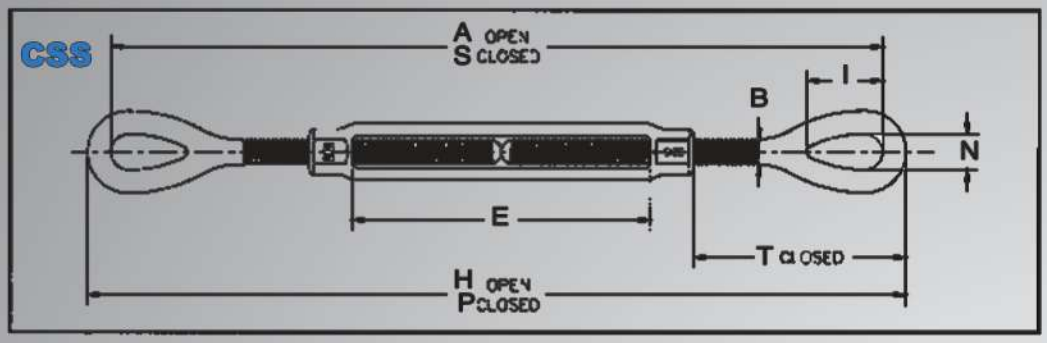
EYE & EYE TURNBUCKLES





- Hot dip galvanized steel.
- End fittings are Quenched and Tempered bodies heat treated by normalizing.
- Turnbuckles eyes are forged and elongated by design, to maximise easy attachment in system and minimise stress in the eye
- Lock Nuts available for all sizes
- BTEE-160 Eye & Eye Turnbuckle meets the performance of Federal Specifications FF-T-791b, Type1, Form1-ClassIV and ASTM F-1145.
- TURNBUCKLES RECOMMENDED FOR STRAIGHT OR IN-LINE PULL ONLY.

EYE & EYE

SPECIFICATIONS

Thread Diameter & Take Up(In)	Thread Diameter & Take Up(mm)	BTEE Item No.	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)								
					B	A open	S closed	H open	P closed	I	N	T closed	E
1/4 x 4	6.35x102	16001	.23	.12	6.35	300	198	311	210	19.8	8.65	44.5	101
5/16 x 4.1/2	7.94x114	16002	.36	.20	7.85	344	230	359	244	23.8	11.1	53.0	114
3/8 x 6	9.53x152	16003	.54	.34	9.65	444	291	461	309	28.4	13.4	64.0	152
1/2 x 6	12.7x152	16004	1.00	.70	12.7	510	332	532	355	36.5	18.2	82.0	152
1/2 x 12	12.7x152	16005	1.00	.97	12.7	815	485	837	507	36.5	18.2	82.0	304
5/8 x 6	15.9x305	16006	1.59	1.49	16.0	557	373	582	398	44.4	22.3	99.0	152
5/8 x 12	15.9x305	16007	1.59	1.55	16.0	862	525	887	551	44.4	22.3	99.0	304
3/4 x 6	19.1x152	16008	2.36	1.72	19.1	607	416	638	448	53.0	25.4	119	152
3/4 x 12	19.1x305	16009	2.36	2.49	19.1	911	568	943	600	53.0	25.4	119	304
3/4 x 18	19.1x457	16010	2.36	3.26	19.1	1216	721	1248	752	53.0	25.4	119	457
7/8 x 12	22.2x305	16011	3.27	3.27	22.4	942	592	980	630	60.4	31.7	130	304
7/8 x 18	22.2x457	16012	3.27	4.51	22.4	1246	745	1284	783	60.4	31.7	130	457
1 x 6	25.4x152	16013	4.54	4.10	25.4	710	507	755	552	76.0	36.5	162	152
1 x 12	25.4x305	16014	4.54	5.22	25.4	1015	660	1066	704	76.0	36.5	162	304
1 x 18	25.4x475	16015	4.54	6.35	25.4	1320	812	1364	856	76.0	36.5	162	457
1 x 24	25.4x610	16016	4.54	7.82	25.4	1625	964	1669	1009	76.0	36.5	162	609
1-1/4 x 12	31.8x305	16017	6.89	8.62	31.8	1087	719	1145	776	90.5	46.0	196	304
1-1/4 x 18	31.8x457	16018	6.89	10.4	31.8	1392	871	1449	929	90.5	46.0	196	452
1-1/4 x 24	31.8x610	16019	6.89	12.2	31.8	1697	1024	1754	1081	90.5	46.0	196	609
1-1/2 x 12	38.1x305	16020	9.71	12.5	38.1	1156	775	1219	838	103	54.0	219	304
1-1/2 x 18	38.1x457	16021	9.71	14.1	38.1	1461	927	1524	991	103	54.0	219	457
1-1/2 x 24	38.1x610	16022	9.71	17.0	38.1	1765	1080	1829	1143	103	54.0	219	609
1-3/4 x 18	44.5x457	16023	12.7	23.8	44.5	1457	1000	1534	1076	117	60.4	254	457
1-3/4 x 24	44.5x610	16024	12.7	26.3	44.5	1762	1153	1838	1229	117	60.4	254	609
2 x 24	51.0x610	16025	16.8	38.7	51.0	1923	1313	2011	1402	146	68.5	333	609
2-1/2 x 24	63.5x610	16026	27.2	65	63.5	1997	1387	2099	1489	165	79.0	350	609
2-3/4 x 24	70.0x610	16027	34.0	88	70.0	2057	1448	2172	1562	177	82.5	387	609

* Proof Load is 2.5 times the Working Load Limit. Ultimate load is 5 times the Working Load Limit.

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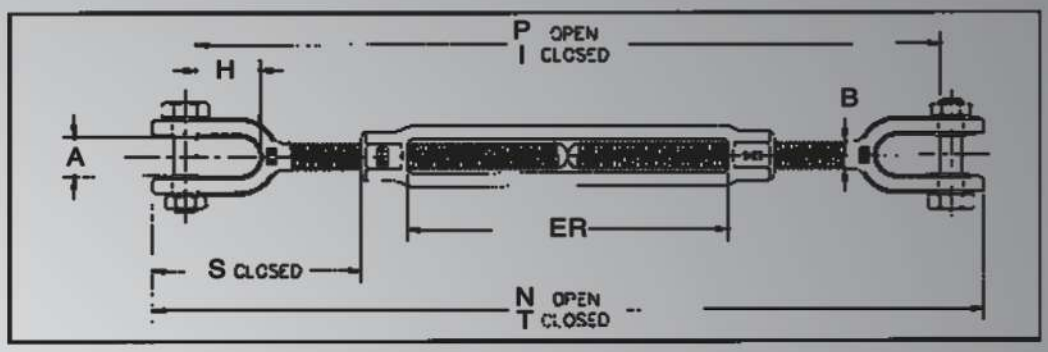
JAW & JAW TURNBUCKLES



- Hot dip galvanized steel.
- End fittings are Quenched and Tempered/ bodies heat treated by normalizing.
- BTJJ-162 JAW & JAW Turnbuckle meets the performance of Federal Specifications FF-T-791b, Type1, Form1-Class VII and ASTM F-1145.
- Lock Nuts available for all sizes.
- TURNBUCKLES RECOMMENDED FOR STRAIGHT OR IN-LINE PULL.

SPECIFICATIONS

Thread Diameter & Take Up(In)	Thread Diameter & Take Up(mm)	BTJJ Item No.	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)								
					B	A	S closed	H	P open	I closed	N open	T closed	ER
1/4 x 4	6.35x102	16201	.23	.16	6.35	11.4	40.1	15.7	277	175	302	201	102
5/16 x 4.1/2	7/94x114	16202	.36	.24	7.85	12.7	50.5	22.1	314	212	353	239	114
3/8 x 6	9.53x152	16203	.54	.37	9.65	13.7	54.0	22.1	410	258	441	289	152
1/2 x 6	12.7x152	16204	1.00	.71	12.7	14.0	70.0	26.9	470	292	508	330	152
1/2 x 9	12.7x229	16205	1.00	.79	12.7	14.0	70.0	26.9	622	368	660	406	229
1/2 x 12	12.7x305	16206	1.00	1.09	12.7	14.0	70.0	26.9	775	445	813	483	305
5/8 x 6	15.9x152	16207	1.59	1.23	16.0	20.8	89.0	33.3	509	325	562	378	152
5/8 x 9	15.9x229	16208	1.59	1.56	16.0	20.8	89.0	33.3	662	401	715	454	229
5/8 x 12	15.9x305	16209	1.59	1.77	16.0	20.8	89.0	33.3	814	478	867	530	305
3/4 x 6	19.1x152	16210	2.36	1.86	19.1	26.2	106	38.1	546	356	612	422	152
3/4 x 9	19.1x229	16211	2.36	2.48	19.1	26.2	106	38.1	699	432	765	498	229
3/4 x 12	19.1x305	16212	2.36	2.48	19.1	26.2	106	38.1	851	508	917	574	305
3/4 x 18	19.1x457	16213	2.36	3.64	19.1	26.2	106	38.1	1156	660	1222	726	457
7/8 x 12	22.2x305	16214	3.27	3.71	22.4	31.2	123	44.5	892	543	967	618	305
7/8 x 18	22.2x457	16215	3.27	4.89	22.4	31.2	123	44.5	1197	695	1272	770	457
1 x 6	25.4x152	16216	4.54	4.62	25.4	33.3	140	52.5	628	425	713	510	152
1 x 12	25.4x305	16217	4.54	5.53	25.4	33.3	140	52.5	933	577	1018	662	305
1 x 18	25.4x457	16218	4.54	6.87	25.4	33.3	140	52.5	1237	729	1322	814	457
1 x 24	25.4x610	16219	4.54	8.20	25.4	33.3	140	52.5	1542	882	1627	967	610
1-1/4 x 12	31.8x305	16220	6.89	9.34	31.8	47.2	183	71.5	1012	644	1119	750	305
1-1/4 x 18	31.8x457	16221	6.89	11.2	31.8	47.2	183	71.5	1317	796	1423	903	457
1-1/4 x 24	31.8x610	16222	6.89	12.8	31.8	47.2	183	71.5	1622	948	1728	1055	610
1-1/2 x 12	38.1x305	16223	9.71	13.9	38.1	57.0	200	71.5	1054	673	1181	800	305
1-1/2 x 18	38.1x457	16224	9.71	16.7	38.1	57.0	200	71.5	1359	826	1486	953	457
1-1/2 x 24	38.1x610	16225	9.71	18.9	38.1	57.0	200	71.5	1664	978	1791	1105	610
1-3/4 x 18	44.5x457	16226	12.7	24.5	44.5	66.0	239	86.0	1356	899	1503	1046	457
1-3/4 x 24	44.5x610	16227	12.7	28.7	44.5	66.0	239	86.0	1661	1051	1808	1198	610
2 x 24	51.0x610	16228	16.8	42.8	51.0	66.5	301	93.5	1766	1157	1949	1339	610
2-1/2 x 24	63.5x610	16229	27.2	75	63.5	77.5	344	113	1854	1244	2087	1478	610
2-3/4 x 24	70.0x610	16230	34.0	90	70.0	93.5	387	106	1899	1289	2172	1562	610

* Proof Load is 2.5 times the Working Load Limit. Ultimate load is 5 times the Working Load Limit.

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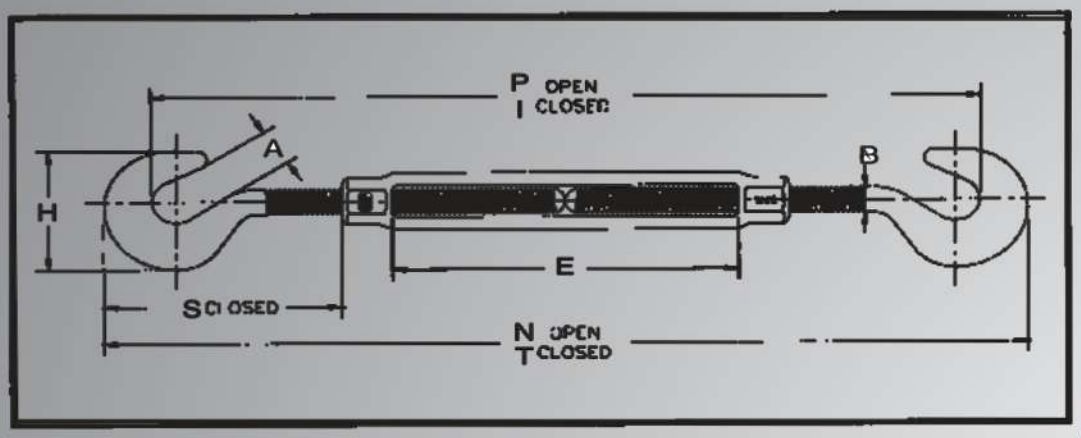
HOOK & HOOK TURNBUCKLES



HOOK & HOOK

- Hot dip galvanized steel.
- End fittings are Quenched and Tempered/ bodies heat treated by normalizing.
- Hooks are forged with a greater cross sectional area that results in a stronger hook with better fatigue properties.
- BTHH-158 HOOK & HOOK Turnbuckle meets the performance of Federal Specifications FF-T-791b, Type1, Form1-Class VI and ASTM F-1145.
- Lock Nuts available for all sizes.
- TURNBUCKLES RECOMMENDED FOR STRAIGHT OR IN-LINE PULL ONLY.

SPECIFICATIONS

Thread Diameter & Take Up(in)	Thread Diameter & Take Up(mm)	BTHH Item No.	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)								
					B	A	S	H	P open	I closed	N open	T closed	E
1/4 x 4	6.35x102	15801	.18	.14	6.35	11.4	40.4	32.3	282	181	303	202	101
5/16x4.1/2	7.94x114	15802	.32	.21	7.85	12.7	49.3	38.1	325	211	351	236	114
3/8x6	9.53x152	15803	.45	.35	9.65	14.2	58.0	45.0	419	267	450	298	152
1/2x6	12.7x152	15804	.68	.73	12.7	16.8	74.5	58.0	478	300	518	340	152
1/2x12	12.7x305	15805	.68	1.03	12.7	16.8	74.5	58.0	783	453	822	492	304
5/8x6	15.9x152	15806	1.02	1.25	16.0	18.9	93.5	71.5	521	337	572	387	152
5/8x12	15.9x305	15807	1.02	1.59	169	18.9	93.5	71.5	826	489	876	540	304
3/4x6	19.1x152	15808	1.36	1.76	19.1	24.9	115	84.5	568	378	629	439	152
3/4x12	19.1x305	15809	1.36	2.64	19.1	24.9	115	84.5	873	530	934	591	304
3/4x18	19.1x457	15810	1.36	3.68	19.1	24.9	115	84.5	878	683	1239	744	457
7/8x12	22.2x305	15811	1.81	3.67	22.4	28.7	132	96.0	914	565	984	635	304
1x12	25.4x305	15812	2.27	5.41	25.4	31.8	148	108	956	600	1034	678	304
1x18	25.4x457	15813	2.27	6.35	25.4	31.8	148	108	1261	753	1338	830	457
1x24	25.4x610	15814	2.27	7.82	25.4	31.8	148	108	1565	905	1643	983	609
1-1/4x12	31.8x305	15815	2.95	8.62	31.8	38.1	183	130	1027	659	1119	751	304
1-1/4x18	31.8x457	15816	2.95	9.33	31.8	38.1	183	130	1332	811	1424	903	457
1-1/4x24	31.8x610	15817	2.95	10.4	31.8	38.1	183	130	1637	964	1729	1056	609
1-1/2x12	38.1x305	15818	3.40	12.2	38.1	47.8	212	146	1116	735	1205	824	304
1-1/2x18	38.1x457	15819	3.40	14.1	38.1	47.8	212	146	1421	887	1510	976	457
1-1/2x24	38.1x610	15820	3.40	17.0	38.1	47.8	212	146	1726	1040	1815	1129	609

* Proof Load is 2.5 times the Working Load Limit. Ultimate load is 5 times the Working Load Limit.

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HOOK & EYE TURNBUCKLES

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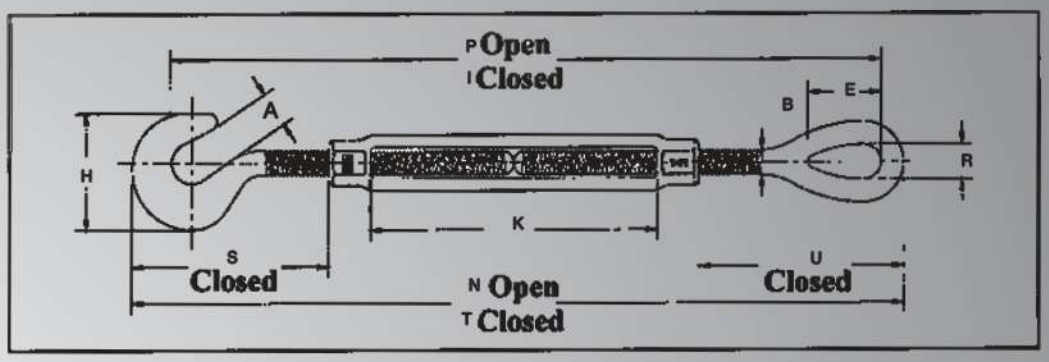

- Hot dip galvanized steel.
- End fittings are Quenched and Tempered/ bodies heat treated by normalizing.
- Turnbuckles eyes are forged and elongated by design, to maximise easy attachment in system and minimise stress in the eye.
- BTHE-159 HOOK & EYE Turnbuckle meets the performance of Federal Specifications FF-T-791b, Type1, Form1-Class VI and ASTM F-1145.
- Turnbuckles hooks are forged with a greater cross sectional area that results in a stronger hook with better fatigue properties.
- Lock Nuts available for all sizes.
- TURNBUCKLES RECOMMENDED FOR STRAIGHT OR IN-LINE PULL ONLY.

SPECIFICATIONS

Thread Diameter & Take Up(in)	Thread Diameter & Take Up(mm)	BTHE Item No.	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)											
					B	A	S	H	P open	I closed	N open	T closed	E	R	U	K
1/4x4	6.35x102	15901	0.18	..13	6.35	11.4	40.1	32.3	291	189	307	205	19.8	8.64	44.5	102
5/16x4.1/2	7.94x114	15902	.32	.22	7.94	12.7	49.3	38.1	335	221	342	241	23.9	1.2	53.0	114
3/8x6	9.53x152	15903	.45	.35	9.53	14.2	58.0	45.0	431	279	456	303	28.5	13.5	64.0	152
1/2x6	12.7x152	15904	.68	.73	12.7	16.8	74.5	58.0	494	316	525	347	36.6	18.3	82.0	152
1/2x12	12.7x305	15905	.68	1.03	12.7	16.8	74.5	58.0	798	469	829	500	36.6	18.3	82.0	305
5/8x6	15.9x152	15906	1.02	1.22	15.9	21.3	93.5	71.0	557	355	577	393	44.5	22.2	99.0	152
5/8x9	15.9x152	15907	1.02	1.71	15.9	21.3	93.5	71.0	844	507	882	545	44.5	22.2	99.0	305
5/8x12	15.9x305	15908	1.36	1.76	15.9	24.9	115	85.0	587	397	634	443	53.0	25.4	119	152
3/4x6	19.1x152	15909	1.36	2.64	19.1	24.9	115	84.5	892	549	939	596	53.0	25.4	119	305
3/4x9	19.1x305	15910	1.36	2.87	19.1	24.9	115	84.5	1197	702	1243	748	53.0	25.4	119	457
3/4x12	19.1x457	15911	1.81	3.67	19.1	28.7	132	96.0	927	579	982	633	60.0	31.8	130	305
3/4x18	22.2x305	15912	2.27	5.41	22.2	31.8	148	108	985	630	1046	691	76.0	36.6	162	305
7/8x12	25.4x457	15913	2.27	6.35	25.4	31.8	148	108	1290	782	1351	843	76.0	36.6	162	457
7/8x18	25.4x610	15914	2.27	7.82	25.4	31.8	148	108	1595	935	1656	996	76.9	36.6	162	610
1x12	31.8x305	15915	2.95	8.62	31.8	38.1	183	130	1057	689	1132	764	90.5	46.0	196	305
1x18	31.8x457	15916	2.95	10.4	31.8	38.1	183	130	1362	842	1437	916	90.5	46.0	196	457
1x24	31.8x610	15917	2.95	10.9	31.8	38.1	183	130	1667	994	1741	1068	90.5	46.0	196	610
1-1/4x12	38.1x305	15918	3.40	12.5	38.1	47.8	212	146	1136	755	1212	831	103	54.0	219	305
1-1/4x18	38.1x457	15919	3.40	14.1	38.1	47.8	212	146	1441	907	1517	983	103	54.0	219	457
1-1/4x24	38.1x610	15920	3.40	17.0	38.1	47.8	212	146	1745	1060	1822	1136	103	54.0	219	610

* Proof Load is 2.5 times the Working Load Limit. Ultimate load is 5 times the Working Load Limit.

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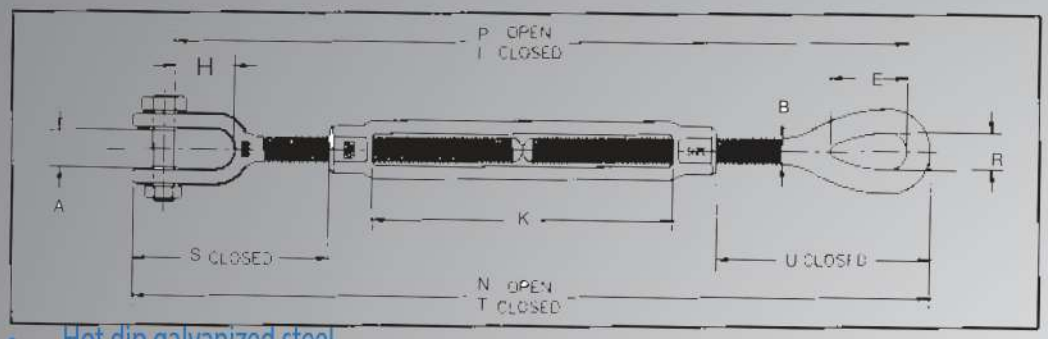
JAW & EYE TURNBUCKLES



- Hot dip galvanized steel.
- End fittings are Quenched and Tempered/ bodies heat treated by normalizing.
- Turnbuckles eyes are forged and elongated by design, to maximise easy attachment in system and minimise stress in the eye.
- Lock Nuts available for all sizes.
- BTJE-161 Jaw & Eye Turnbuckle meets the performance of Federal Specifications FF-T-791b, Type1, Form1-Class VIII and ASTM F-1145.
- TURNBUCKLES RECOMMENDED FOR STRAIGHT OR IN-LINE PULL ONLY.

JAW & EYE

SPECIFICATIONS

Thread Diameter & Take Up(in)	Thread Diameter & Take Up(mm)	BTJE Item No.	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)											
					B	A	S close	H	P open	I closed	N open	T closed	E	R	U	K
1/4x4	6.35x102	16101	.23	.14	6.35	11.4	40.1	15.7	288	187	307	205	19.8	8.65	44.5	101
5/16x4.1/2	7.94x114	16102	.36	.23	7.85	12.7	50.5	22.1	348	221	356	242	23.8	11.1	53.0	114
3/8x6	9.53x152	16103	.54	.36	9.65	13.7	54.0	22.1	427	275	451	299	28.4	13.4	64.0	152
1/2x6	12.7x152	16104	1.00	.68	12.7	16.5	70.0	26.9	490	312	520	342	36.5	18.2	82.0	228
1/2x9	12.7x229	16105	1.00	.78	12.7	16.5	70.0	26.9	642	388	673	419	36.5	18.2	82.0	304
1/2x12	12.7x305	16106	1.00	.94	12.7	16.5	70.0	26.9	795	465	825	495	36.5	18.2	82.0	152
5/8x6	15.9x305	16107	1.59	1.07	16.0	20.1	89.0	33.3	533	349	572	388	44.4	22.3	99.0	152
5/8x9	15.9x229	16108	1.59	1.44	16.0	20.1	89.0	33.3	686	425	725	464	44.4	22.3	99.0	228
5/8x12	15.9x305	16109	1.59	1.64	16.0	20.1	89.0	33.3	838	501	877	541	44.4	22.3	99.0	304
3/4x6	19.1x152	16110	2.36	1.81	19.1	23.9	106	38.1	576	386	625	435	53.0	25.4	119	152
3/4x9	19.1x229	16111	2.36	2.15	19.1	23.9	106	38.1	729	462	777	511	53.0	25.4	119	228
3/4x12	19.1x305	16112	2.36	2.69	19.1	23.9	106	38.1	881	538	930	587	53.0	25.4	119	304
3/4x18	19.1x457	16113	2.36	3.18	19.1	23.9	106	38.1	1186	691	1235	739	53.9	25.4	119	457
7/8x12	22.2x305	16114	3.27	3.79	22.4	28.7	123	44.5	917	567	973	624	60.4	31.7	130	304
7/8x18	22.2x457	16115	3.27	4.42	22.4	28.7	123	44.5	1221	720	1278	776	60.4	31.7	130	457
1x6	25.4x152	16116	4.54	4.05	25.4	34.0	140	52.5	669	466	734	531	76.0	36.5	162	152
1x12	25.4x305	16117	4.54	5.08	25.4	43.0	140	52.5	974	618	1039	683	76.0	36.5	162	304
1x18	25.4x457	16118	4.54	6.03	25.4	43.0	140	52.5	1279	771	1343	835	76.0	36.5	162	457
1x24	25.4x610	16119	4.54	7.71	25.4	43.0	140	52.5	1583	923	1648	988	76.0	36.5	162	609
1-1/4x12	31.8x305	16120	6.89	8.81	31.8	44.5	183	71.5	1050	681	1132	763	90.5	46.0	196	304
1-1/4x18	31.8x457	16121	6.89	11.0	31.8	44.5	183	71.5	1354	834	1424	916	90.5	46.0	196	457
1-1/4x24	31.8x610	16122	6.89	12.9	31.8	44.5	183	71.5	1659	986	1741	1068	90.5	46.0	196	609
1-1/2x12	31.8x305	16123	9.71	13.1	38.1	52.3	200	71.5	1105	724	1200	819	103	54.0	219	304
1-1/2x18	31.8x457	16124	9.71	15.09	38.1	52.3	200	71.5	1410	876	1505	972	103	54.0	219	457
1-1/2x24	31.8x610	16125	9.71	17.8	38.1	52.3	200	71.5	1715	1029	1810	1124	103	54.0	219	609
1-3/4x18	44.5x457	16126	12.7	24.4	44.5	66.0	239	71.5	1407	949	1518	1061	117	60.4	254	457
1-3/4x24	44.5x610	16127	12.7	27.5	44.5	66.0	239	71.5	1711	1102	1823	1214	117	60.4	254	609
2x24	51.0x619	16128	16.8	40.4	51.0	66.5	301	93.5	1845	1235	1980	1370	146	68.3	332	609
2-1/2x24	63.5x610	16129	27.2	68	63.5	76.5	344	113	1925	1316	2093	1483	165	79.0	350	609
2-3/4x24	70.0x710	16130	34.0	83	70.0	92.2	387	106	1978	1369	2172	1562	177	82.5	387	609

* Proof Load is 2.5 times the Working Load Limit. Ultimate load is 5 times the Working Load Limit.

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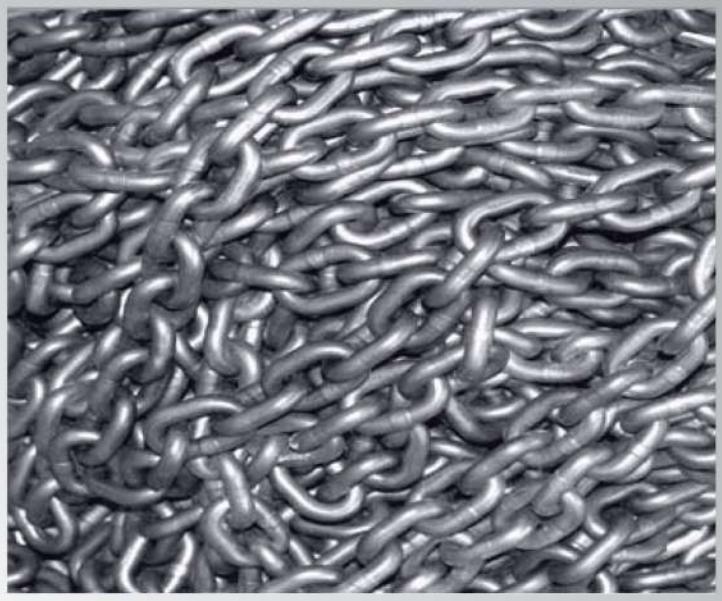
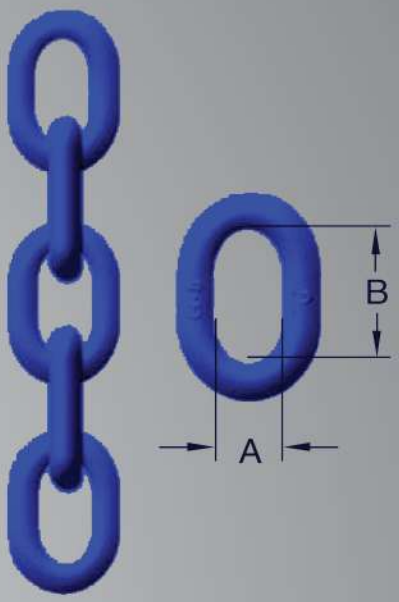
GRADE 80 LIFTING CHAIN





Grade 80 Lifting Chain, Natural Finish.

Permanently embossed with manufacturer's marking and 8 (grade).

Working Load Limit	Wire Dia	B	A	Weight
tonnes*	mm	mm	mm	Kg
1.12	6	18	7.8	0.8
1.5	7	21	9.1	1.0
2.0	8	24	10.4	1.4
3.15	10	30	13.0	2.2
5.3	13	39	16.9	3.7
8.0	16	48	20.8	5.7
12.5	20	60	26.0	8.9
15.0	22	66	28.6	10.8
21.2	26	78	33.8	15.1
31.5	32	96	41.6	22.8

* Design factor 4:1 proof tested and certified

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GRADE 80 CHAIN SLINGS SAFE WORKING LOAD CHART

CHAIN SLINGS

	SINGLE LEG	TWO LEG		THREE LEG	FOUR LEG	
CHAIN SIZE	TONNES	0 TO 90	90 T0 120	0 TO 90	0 TO 90	90 T0 120
7 mm	1.5	2.1	1.5	3.1	3.1	2.2
10 mm	3.2	4.5	3.2	6.7	6.7	4.8
13 mm	5.4	7.6	5.4	11.4	11.3	8.1
16 mm	8.0	11.3	8.0	16.9	16.8	12.0
20 mm	12.5	17.5	12.5	26.4	26.25	18.75
22 mm	15.5	21.9	15.5	32.8	32.55	25.3
26 mm	21.5	31.0	22.0	46.0	45.3	32.4
32 mm	32.0	45.0	32.0	68.0	67.2	48.0

All the above weights are shown in metric tonnes

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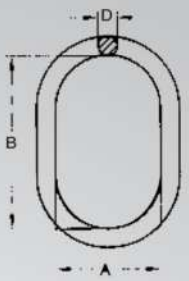
FORGED OBLONG MASTER LINKS

Forged oblong Master Link.

Connected to Chain with "BCL" connecting link/W.R with Thimble



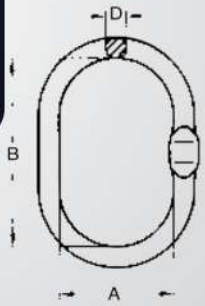
Wider link allows beter access for large crane hokks

WLL B0.45 tonnes*	For Grade 80 Chain (mm)		Dimensions (mm)			Weight Kg
	1 Leg	2 Leg	D	B	A	
1.5	6	--	11	100	60	0.2
3.2	7,8	6	14	120	70	0.4
4.0	10	7,8	17	140	80	0.7
6.3	10	--	19	150	90	1.0
8.0	13	10	22	160	95	1.5
11.5	16	--	25	190	110	2.2
15.0	16	13	28	180	105	2.7
17.0	19,20	--	30	200	120	3.5
20.0	22	16	34	240	140	5.1
25.0	--	19,20	38	250	150	7.0
30.0	26	22	40	250	150	8.0
37.0	32	26	45	300	180	12.0
46.5	32	26	50	350	195	16.6
65.7	--	32	58	410	220	26.0
87.5	--	--	70	490	265	45.4

* For use with chain (S.F. - 4/1), proof tested to 2.5 times the working Load Limit.
* For use with rope (S.F. - 5/1), proof tested to 2 times the working Load Limit.

Forged oblong Master Link.

Connected to Chain with "BOL" Omega Link



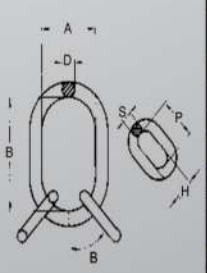
Wider link allows beter access for large crane hokks

WLL B0.45 tonnes*	For Grade 80 Chain (mm)		Dimensions (mm)			Weight Kg
	1 Leg	2 Leg	D	B	A	
2.0	6	--	11	100	60	0.2
3.2	7,8	6	14	120	70	0.4
4.1	10	7,8	17	141	80	0.7
8.0	13	10	23	163	95	1.5
15.0	16	13	29	183	105	2.7
20.0	20	16	34	245	140	5.1
30.0	--	19,20	40	257	150	8.0

* For use with chain (S.F. - 4/1), proof tested to 2.5 times the working Load Limit.
* For use with steel rope (S.F. - 5/1), proof tested to 2 times the working Load Limit.

Oblong Master Link Assembly.

Designed for use with chain only.



WLL (tonnes) B0.45		WLL (tonnes) B0.45 60		For Grade 80 Chain (mm)	Dimensions (mm)						Weight
4:!	5:!	4:1	5:1	3 or 4 Legs	D	B	A	S	H	P	Kg
3.1	2.5	3.1	2.5	6	14	130	65	10	16	30	0.6
4.6	3.7	3.6	2.9	7.8	20	140	70	13	35	60	1.6
7.8	6.2	5.7	4.6	10	25.5	185	90	16	40	80	3.2
14.0	11.2	12.1	9.7	13	32	270	140	22	50	90	6.5
24.8	19.8	21.0	16.8	16	40	280	155	28	60	100	11.8
33.3	26.6	25.4	20.3	19.20	45	320	175	32	75	125	17.0
37.1	29.7	37.1	29.6	22	50	350	195	40	80	140	26.4
50.0	40.0	50.0	40.0	26	60	410	220	45	90	165	42.3
74.8	59.8	66.3	53.0	32	70	490	265	50	100	195	61.0

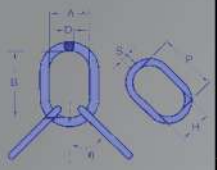
* Design factor 4:1 Proof tested and certified

WLL = Working Load Limit

MATER LINKS AND CLUTCH

Forged oblong Master Link Assembly.

Designed for use with chain & wire rope.



WLL (tonnes) B 0.45		WLL (tonnes) B 0.45 .60		For Grade 80 Chain (mm)	Dimensions (mm)						Weight Kg
4:1	5:1	4:1	5:1	3 or 4 leg	D	B	A	S	H	P	
4.6	3.7	3.2	2.6	6	16	120	65	13	50	90	1.4
8.6	6.9	8.0	6.4	7.8	18	150	70	13	50	90	1.5
14.5	11.6	10.6	8.5	10	22	162	90	20	70	140	3.6
23.1	18.5	16.9	13.5	13	28	200	110	22	70	140	5.5
29.0	23.2	21.4	17.1	16	36	270	140	25.5	90	185	11.9
36.5	29.2	26.1	20.9	19.20	45	320	175	38	125	270	23.5
45.2	36.2	33.4	26.7	22	50	350	195	40	130	280	32.3
59.9	47.9	45.2	36.2	26	60	410	220	50	195	350	61
84.7	70.0	59.9	47.9	32	70	490	265	60	220	410	101.3

* Proof tested and certificated

WLL=Worked Load Limit

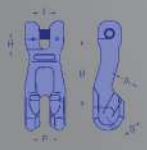
Clevis Master Link.

Wider link allows better access for large crane hooks

WLL tonnes*	For Grade 80 Chain mm	Dimensions (mm)					Weight Kg
		B	A	S	H	P	
2.0	7.8	99	80	65	15	15	0.4
3.15	10	125	100	80	18	19	0.7
5.3	13	168	136	108	22	25	1.3
8.0	16	198	158	124	26	25	2.6

* Designed factor 4:1 Proof tested and certificated

Clevis Shortening Clutch Link.

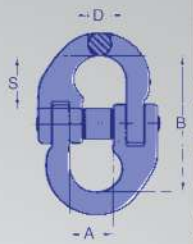


WLL tonnes*	For Grade 80 Chain mm	Dimensions (mm)					Weight Kg
		B	A	S	H	P	
1.12	6	45	7	11	8	6	0.2
2.0	7.8	62	9	16	10	8	0.4
3.15	10	87	12	25	14	12	0.9
5.3	13	115	15	32	17	16	1.9
8.0	16	143	19	39	19	20	3.2
12.5	18.20	152	22	46	23	21	6.2

* Designed factor 4:1 Proof tested and certificated

LINKS AND HOOKS

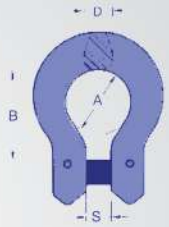
Connecting Link.



Working Load Limit tonnes*	For Grade 80 Chain mm	D mm	B mm	A mm	S mm	Weight
1.2	6	7	44	15	17	0.1
2.0	7.8	9	59	18	22	0.2
3.15	10	13	68	25	26	0.3
5.3	13	16	91	30	35	0.7
8.0	16	19	100	36	38	1.1
12.5	18,20	22	122	42	46	1.7
15.0	22	24	152	49	60	3.0
21.2	26	31	162	55	62	4.6
31.5	32	38	202	69	79	8.6

* Designed factor 4:1 Proof tested and certificated

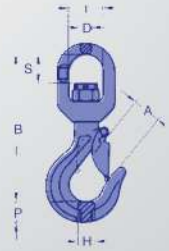
Omega Link.



Working Load Limit tonnes*	For Grade 80 Chain mm	A mm	B mm	D mm	S mm	Weight Kg
1.12	6	21	30	9	8	0.1
2.0	7.8	27	36	11	9	0.2
3.15	10	32	44	15	12	0.4
5.3	13	42	55	17	16	1.0
8.0	16	50	69	22	18	1.4
12.5	18,20	58	71	28	20	2.3

* Designed factor 4:1 Proof tested and certificated

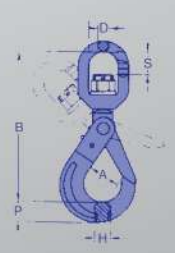
Swivel Hook Link.



Working Load Limit tonnes*	For Grade 80 Chain mm	D mm	B mm	A mm	S mm	H mm	P mm	I mm	Weight Kg
1.12	6	11	136	24	23	16	19	32	0.6
2.0	7.8	12	155	26	27	18	22	36	0.9
3.15	10	16	189	36	37	23	29	42	1.5
5.3	13	20	233	42	40	28	35	48	3.0
8.0	16	22	280	50	55	35	4	60	5.1
12.5	18,20	25	356	56	82	49	65	74	9.4
15.0	22	28	354	70	63	50	74	80	11.8
21.2	26	32	470	80	96	60	80	105	21.4
30.0	32	38	518	90	96	65	91	105	32.0

* Designed factor 4:1 Proof tested and certificated

Swivel Self Link.

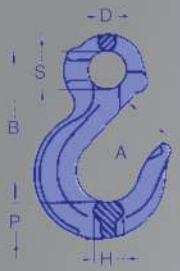


Working Load Limit tonnes*	For Grade 80 Chain mm	D mm	B mm	A mm	S mm	H mm	P mm	I mm	Weight Kg
1.12	6	12	49	29	22	15	21	31	0.6
2.0	7.8	14	186	34	29	20	25	36	1.1
3.15	10	16	220	44	34	26	31	40	2.0
5.3	13	22	267	52	32	34	40	46	4.0
8.0	16	24	328	60	52	41	52	60	6.8
12.5	18,20	26	388	90	82	48	62	75	11.6
15.0	22	33	457	80	95	49	63	97	16.0
21.2	26	42	535	99	115	58	77	123	21.5

* Designed factor 4:1 Proof tested and certificated

HOOKS

Eye Hook Link.



Working Load Limit tonnes*	For Grade 80 Chain mm	D mm	B mm	A mm	S mm	H mm	P mm	Weight Kg
1.12	6	9	80	28	20	16	20	0.2
2.0	7.8	11	98	34	25	19	23	0.4
3.15	10	15	121	42	32	23	31	0.8
5.3	13	18	152	48	40	28	38	1.6
8.0	16	22	183	56	50	32	47	3.0
12.5	19	27	217	65	60	43	48	4.8
15.0	22	32	240	90	50	50	74	8.2
21.2	26	34	270	94	66	60	80	12.4
31.5	32	37	320	103	75	65	91	16.1

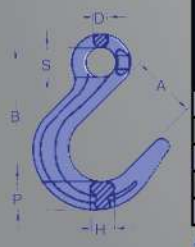
* Designed factor 4:1 Proof tested and certificated

Eye Hook Link.

Working Load Limit tonnes*	For Grade 80 Chain mm	D mm	B mm	A mm	S mm	H mm	P mm	Weight Kg
1.12	6	9	80	23	20	16	20	0.3
2.0	7.8	11	78	28	25	20	23	0.4
3.15	10	14	121	36	32	23	31	0.9
5.3	13	18	152	40	40	28	38	1.7
8.0	16	22	183	44	50	32	47	3.2
12.5	19	26	218	45	60	43	48	5.2
15.0	22	31	244	73	50	50	71	8.5
21.2	26	35	279	77	64	60	80	12.7
31.5	32	40	352	114	88	60	86	16.5

* Designed factor 4:1 Proof tested and certificated

Eye Foundry Link.

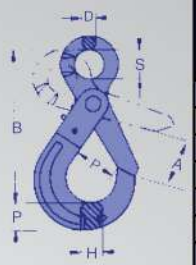


Working Load Limit tonnes*	For Grade 80 Chain mm	D mm	B mm	A mm	S mm	H mm	P mm	Weight Kg
2.0	7.8	12	122	61	24	20	30	0.7
3.15	10	15	150	74	31	24	34	1.2
5.3	13	20	180	88	40	34	42	2.3
8.0	16	24	215	98	49	43	50	4.0
12.5	19	28	248	112	60	46	57	6.0

* Designed factor 4:1 Proof tested and certificated

HOOKS

Eye Self Link.



Working Load Limit tonnes*	For Grade 80 Chain mm	D mm	B mm	A mm	S mm	H mm	P mm	Weight Kg
1.12	6	10	110	29	21	15	20	0.5
2.0	7,8	11	136	34	25	20	24	0.8
3.15	10	13	167	44	32	26	30	1.4
5.3	13	16	207	52	40	30	38	2.7
8.0	16	21	252	60	52	40	48	5.6
12.5	18,20	23	282	90	64	48	57	8.5
15.0	22	24	319	80	70	49	63	11.2
21.2	26	25	343	99	80	56	69	14.5

* Designed factor 4:1 Proof tested and certificated

Aloy Eye Hoist Hook without.

Working Load Limit tonnes*	Dimensions (mm)						Weight
	D	B	A	S	H	P	Kg
1*	22	85	19	22	19	14	0.2
1.5*	35	96	23	23	21	16	0.4
2*	26	107	29	25	26	20	0.6
3*	29	122	32	29	29	22	0.8
5*	38	150	40	38	37	30	1.9
7*	49	191	51	44	47	36	3.7
11**	60	217	60	52	48	43	5.2
15**	81	240	50	82	74	32	12.7
22**	90	270	66	80	80	34	12.7
30**	96	320	75	90	91	37	16.5

* Minimum Ultimate Load is 5 times the Working Load Limit.
Maximium Proof Load is 2 times the Working Load Limit.
** Maximum ultimate load is 4 times the Working Load Limit.

Aloy Eye Hoist Hook with Latch.

Working Load Limit tonnes*	Dimensions (mm)						Weight
	D	B	A	S	H	P	Kg
1*	22	85	19	22	19	14	0.2
1.5*	35	96	23	23	21	16	0.4
2*	26	107	29	25	26	20	0.6
3*	29	122	32	29	29	22	0.8
5*	38	150	40	38	37	30	1.9
7*	49	191	51	44	47	36	3.7
11**	60	217	60	52	48	43	5.2
15**	81	240	50	82	74	32	12.7
22**	90	270	66	80	80	34	12.7
30**	96	320	75	90	91	37	16.5

* Minimum Ultimate Load is 5 times the Working Load Limit.
Maximium Proof Load is 2 times the Working Load Limit.

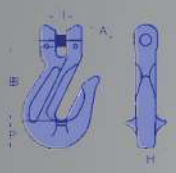
HOOKS

Clevis Forest Hook.

Working Load Limit tonnes*	For Grade 80 Chain mm	B mm	A mm	S mm	H mm	P mm	Weight Kg
1.12	6	47	8	8	17	26	0.3
2.0	7.8	58	10	9	18	32	0.4
3.15	10	82	12	13	21	45	0.8

* Designed factor 4:1 Proof tested and certificated to EN 1677-2000

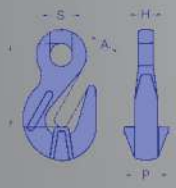
Clevis Grab Hook.



Working Load Limit tonnes*	For Grade 80 Chain mm	B mm	A mm	S mm	H mm	P mm	I mm	Weight Kg
1.12	6	41	7	75	25	16	7	0.2
2.0	7.8	55	10	93	30	25	9	0.3
3.15	10	77	13	128	41	35	12	0.8
5.3	13	97	16	152	53	42	15	1.5
8.0	16	102	20	180	58	45	17	2.9
12.5	18,20	124	25	217	98	54	23	5.0

* Designed factor 4:1 Proof tested and certificated to EN 1677-2000

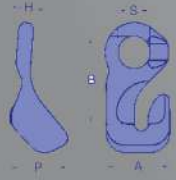
Eye Shortening Hook.



Working Load Limit tonnes*	For Grade 80 Chain mm	B mm	A mm	S mm	H mm	P mm	Weight Kg
1.12	6	51	8	13	8	30	0.2
2.0	7.8	60	10	15	9	30	0.2
3.15	10	84	13	20	13	41	0.6
5.3	13	102	16	25	15	52	1.2
8.0	16	114	20	30	20	57	2.3
12.5	18.20	132	23	36	23	98	4.6
15.-0	22	157	27	38	26	110	8.2
21.5	26	187	29	41	32	100	9.8
31.5	32	230	37	57	40	90	19.4

* Designed factor 4:1 Proof tested and certificated to EN 1677-2000

Eye Shortening Hook.

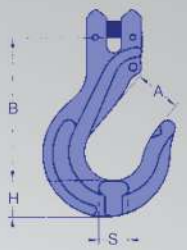


Working Load Limit tonnes*	For Grade 80 Chain mm	B mm	A mm	S mm	H mm	P mm	Weight Kg
1.12	6	54	38	20	10	38	0.2
2.0	7.8	67	49	25	12	44	0.4
3.15	10	75	60	32	14	57	0.8
5.3	13	106	80	40	19	73	1.9
8.0	16	131	97	50	22	88	3.2
12.5	18,20	160	114	60	27	105	5.9

* Designed factor 4:1 Proof tested and certificated to EN 1677-2000

HOOKS

Clevis Hook.



Working Load Limit tonnes*	For Grade 80 Chain mm	B mm	A mm	S mm	H mm	Weight Kg
1.12	6	79	25	15	18	0.3
2.0	7,8	98	31	18	22	0.4
3.15	10	121	40	23	29	0.8
5.3	13	147	48	30	37	1.9
8.0	16	166	56	39	42	3.4
12.5	18,20	200	69	47	50	5.3

* Designed factor 4:1 Proof tested and certificated

Clevis Hook with latch.

Working Load Limit tonnes*	For Grade 80 Chain mm	B mm	A mm	S mm	H mm	Weight Kg
1.12	6	79	22.6	15	18	0.3
2.0	7,8	98	27	18	22	0.5
3.15	10	121	34	23	29	1.0
5.3	13	147	44	30	37	2.1
8.0	16	166	48	38	42	3.7
12.5	18,20	200	56	47	50	6.0

* Designed factor 4:1 Proof tested and certificated

Clevis Self Locking Hook.

Working Load Limit tonnes*	For Grade 80 Chain mm	B mm	A mm	S mm	H mm	Weight Kg
1.12	6	100	29	14	19	0.5
2.0	7,8	119	34	19	24	0.8
3.15	10	143	44	24	31	1.5
5.3	13	179	52	27	40	2.8
8.0	16	212	60	36	53	5.6
12.5	18,20	319	90	49	71	7.5

* Designed factor 4:1 Proof tested and certificated

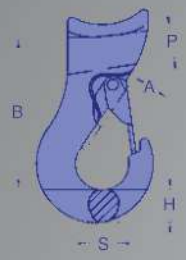
Clevis C Hook.

Working Load Limit tonnes*	For Grade 80 Chain mm	B mm	A mm	S mm	H mm	Weight Kg
2.0	7,8	80	20	16	31	0.5
3.15	10	105	27	22	26	0.9
5.3	13	138	35	32	34	1.9
8.0	16	170	43	40	42	3.6

* Designed factor 4:1 Proof tested and certificated

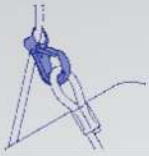
HOOKS

Rope Sliding Choke Hook.

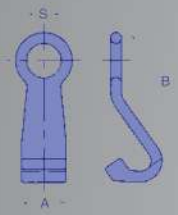


Working Load Limit tonnes*	For Wire Rope mm	Dimensions (mm)					Weight
		B	A	S	H	P	Kg
1.5	9.13	87	18	18	24	16	0.6
2.2	14.16	98	20	22	29	21	1.0

* Designed factor 5:1



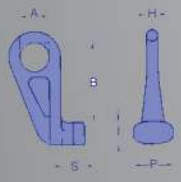
Barrel Hook.



Working Load Limit tonnes*	For Wiew Rope mm	Dimensions (mm)			Weight
		B	A	S	Kg
2 (Per Pair)	8	133	50	38	0.9

* Designed factor 4:1 proof tested and certified

Eye Container Hook.



Working Load Limit tonnes*	Working Load Limit mm	Dimensions (mm)						Weight
		B	A	S	H	P	I	Kg
Straight	12.5	192	70	46	25	75	48	4.0
Left 45°	12.5	192	70	46	25	75	48	4.0
Right 45°	12.5	192	70	46	25	75	48	4.0

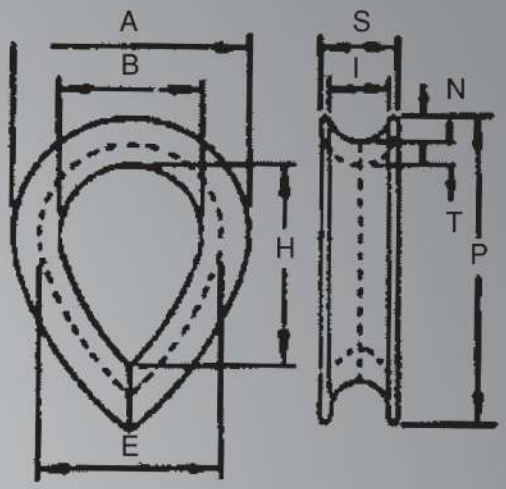
* Designed factor 4:1 proof tested and certified

Twist Eye Hook.

Working Load Limit tonnes*	For Grade 80 chain mm	B mm	A mm	S mm	Weight Kg
2.0	7.8	95	19	32	0.4
3.15	10	116	21	41	0.8
5.3	13	150	27	50	1.9
8.0	16	185	32	67	3.0

* Designed factor 4:1 proof tested and certified

BS-464 THIMBLES FOR WIRE ROPE



Nominal Dia of rope		Approx. Circ	B		A		S		H		P		I		N		T		E	
inch	mm	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
5/16	8	1	7,8	22,2	11,2	38	1/2	12.7	15/16	33.4	21/8	52	5/16	7.9	5/32	4	5/32	4	13/16	30.1
3/8	9	11/4	1	25.4	17/8	47.5	9/16	14.3	11/2	38	21/2	64	13/32	10.3	1/4	6.3	3/16	4.8	13/8	35
7/16	11	11/2	11/8	28.6	21/8	52	11/16	17.5	11/12	41.3	27/8	73	1/2	12.7	5/16	7.9	3/16	4.8	11/2	38
1/2	13	15/8	11/4	31.7	25/16	58.8	13/16	20.6	13/4	44.5	31/8	79.4	9/16	14.3	5/16	7.9	7/32	5.5	111/16	42.9
9/16	14	13/4	11/4	31.7	25/16	58.8	13/16	20.6	13/4	44.5	31/8	79.4	9/16	14.3	5/16	7.9	7/32	5.5	11/16	42.9
5/8	16	2	15/8	41.3	215/16	74.5	7/8	22.2	25/16	58.8	37/8	95.8	5/8	15.9	11/32	8.7	5/16	7.9	21/4	56
11/16	17	21/4	13/4	44.5	31/8	79.4	11/8	28.6	25/8	66.6	41/4	108	3/4	19	3/8	9.5	5/16	7.9	23/8	60.4
3/4	19	23/8	2	50.8	35/8	92	11/8	28.6	27/8	73	47/8	124	13/16	20.6	7/16	11.1	3/8	9.5	23/4	69.8
13/16	21	21/2	2	50.8	35/8	92	11/8	28.6	27/8	73	47/8	121	13/16	20.6	7/16	11.1	3/8	9.5	23/4	69.8
7/8	22	23/4	21/4	56	4	102	11/4	31.7	31/4	82.5	41/4	131	7/8	22.2	1/2	12.7	3/8	9.5	3	76.2
15/16	24	3	21/2	64	511/16	110	15/16	33.4	35/8	92	53/4	146	1	25.4	1/2	12.7	13/32	10.3	35/16	84
1	25	31/4	23/4	69.8	411/16	119	13/8	35	41/4	108	63/8	162	11/16	27	9/16	14.3	13.32	10.3	39/16	90.5
11/8	29	31/2	3	76.2	51/4	133	11/8	38	43/8	112	7	178	11/8	28.6	5/8	15.9	1/2	12.7	4	102
11/4	32	4	33/4	95	6	152	15/8	41.3	51/4	133	73/4	197	15/16	33.4	5/8	15.9	1/2	12.7	43/4	121
13/8	35	41/2	41/8	105	67/8	175	17/8	47.6	6	152	9	228	11/2	38	3/4	19	5/8	15.9	53/8	137
11/2	38	5	41/2	114	73/4	197	21/8	52	61/2	165	10	254	15/8	41.3	15/16	23.8	11/16	17.5	57/8	149
15/8	41	51/4	41/2	114	73/4	197	23/16	58.6	61/2	165	10	254	111/6	42.9	15/16	23.8	11/16	17.5	57/8	149
13/4	44	51/2	5	127	9	228	21/4	56	7	178	111/4	286	2	50.8	1	25.4	1	25.4	7	178
17/8	48	6	51/4	133	93/4	248	25/8	66.6	71/2	190	121/2	317	23/8	60.4	11/8	28.6	11/8	28.6	71/2	190
2	51	61/4	51/2	140	101/8	257	32/4	69.8	8	203	13	330	21/8	64	13/16	30.1	11/8	28.6	73/4	197
21/8	54	61/2	51/2	140	101/8	257	23/4	69.8	8	203	13	330	21/2	64	13/16	30.1	11/8	28.6	73/4	197
21/4	57	4	53/4	146	105/8	296	3	76.2	81/2	216	14	356	25/8	66.6	11/4	31.7	13/16	30.1	81/3	206
21/2	64	8	61/4	159	121/4	311	33/4	95	91/2	242	161/4	414	23/4	69.8	13/4	44.5	11/4	31.7	83/4	222

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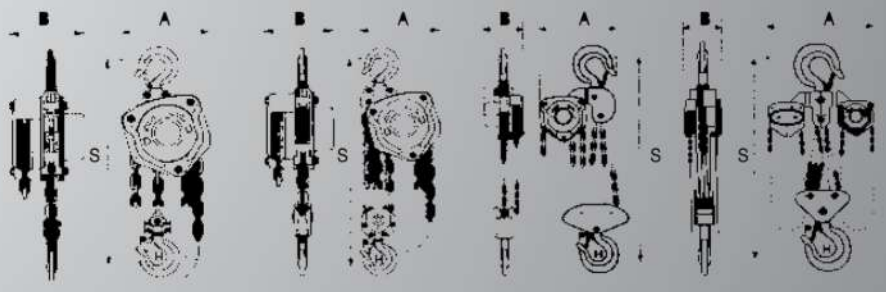
CHAIN HOIST

CHAIN HOIST

Model		B1740.5	B17401	B1741.5	B17402	B17403	B17405	B17410	B17420
Capacity	t	0.5	1	1.5	2	2	5	10	20
Standard lift	m	2.5	2.5	2.5	3	3	3	3	3
Proof load	kN	0.15	1.5	2.25	3.0	4.5	7.5	7.5	30.0
No. of falls of load chain		1	1	1	1	2	2	4	8
Load chain	mm	6 X18	6X18	8X24	8X24	8X24	10X30	10X30	10X30
Dimension (mm)	B	131	140	161	161	161	186	207	215
	A	127	158	174	187	199	253	398	650
	S	270	317	399	414	465	636	798	890
	H	35	35.5	45	42.5	50	64	85	110
	P	30	28	36	33.5	40	50	84	85
Net weight	Kg	10	12	19	20	27	45.5	83	193
Extra weight per metre of extra lift	Kg	1.7	1.7	2.3	2.3	3.7	5.8	9.7	19.4

Remark : Hoist with other heights of lift also available



CHARACTERISTTICS

- Capacity ranges from 0.5 to 20t.
- Automatic double pawl braking system.
- Lightweight robust construction.
- Fully forged hooks are fitted with safety latches as standard.
- Zinc plated hand chain as standard.
- Sealed bearing.
- Unique hand wheel cover for guiding hand chian at any angle.
- Each hoist is proof tested at 1.5 times WLL up to 10t, 1.25 times WLL up to 20t.

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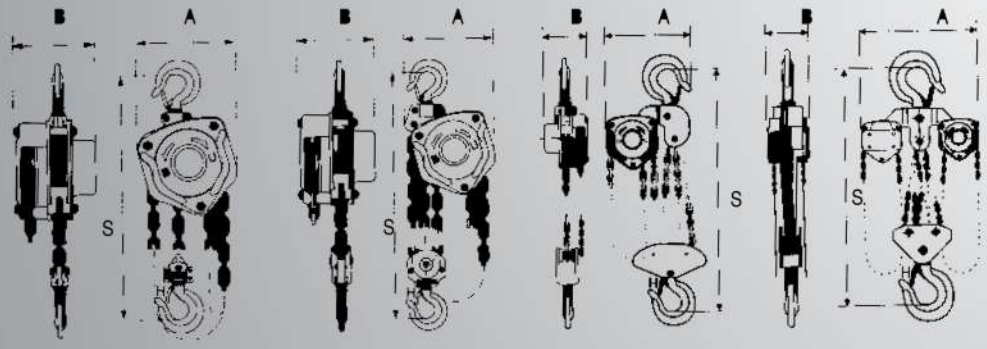
CHAIN HOIST

Model		B1770.5	B17701	B1771.5	B17702V	B17702	B17703	B17705	B17710	B17720
Capacity	t	0.5	1	1.5	2	2	3	5	10	20
No. of falls		1	1	1	1	1	2	2	4	8
Load chain	mm	5X15	6.3X19	7.1X21	71X21	8X24	7.1X21	9X27(2)	9X27(4)	9X27(8)
Load chain grade		80	80	100	100	100	100	100	100	100
Pull to lift rated load	kN	25	33	34	45	34	35	39	41	41X2
Test load	t	0.75	1.5	2.25	3.0	3.0	45	7.5	15.0	30.0
Hand Chain	mm	4.8X22.2	4.8X22.2	4.8X22.2	4.8X22.2	4.8X22.2	4.8X22.2	5.5X23.6	5.5X23.6	5.5X23.6(2)
Std. lift	m	3.0	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0
Net wt	kg	9.0	12.2	14.5	15.5	21.0	22.0	40.0	89.4	214.7
Dimensions mm	B	127	147	147	147	179	147	179	179	207
	A	144	157	174	174	204	206	263	367	873
	S	285	315	340	355	380	475	600	740	870
	H	37	45	47	52	52	62	78	64	92
Gross wt.	kg	9.4	12.7	15.0	16.0	22.2	22.2	41.5	96.9	244.7
Extra wt. per m	kg	1.416	1.732	1.972	1.972	2.58	3.072	4.71	8.23	16.46

Remark : Hoist with other heights of lift also available



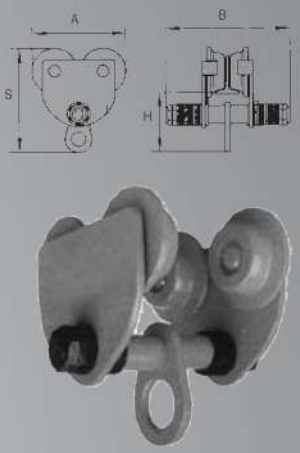
0.5T, 1T, 2T　　3T, 5T　　10T　　20T

CHARACTERISTTICS

- Capacity ranges from 0.5 to 20t.
- Automatic double pawl braking system.
- Double cover protection.
- Lightweight robust construction.
- Low effort to lift maximum load.
- Fully forged hooks are fitted with safety latches as standard.
- Zinc plated hand chain as standard.
- Unique hand wheel cover for guiding hand chian at any angle.
- Each hoist is proof tested at 1.5 times WLL up to 10t, 1.25 times WLL up to 20t.

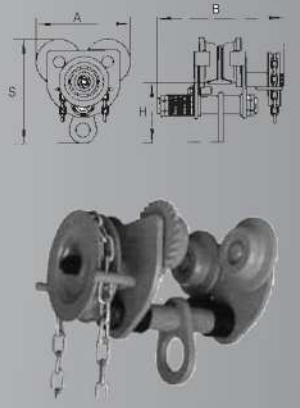
PLAIN TROLLEY

MODEL	Capacity	1-Beam Width	N.W.	B	A	S	H
	Ton	mm	Kgs	mm	mm	mm	mm
VPT 0.5	0.5	75-125	5	208	170	190	106.5
VPT 1.0	1	75-125	8	220	206	222	123.5
VPT 1.5	1.5	100-150	13	260	228	236.5	125
VPT 2.0	2	100-150	13	260	240	267	132.5
VPT 3.0	3	100-150	25	285	282	320	175
VPT 5.0	5	125-175	44	338	327	391.5	190
VPT 10.0	10	125-180	90	362	389	490	275



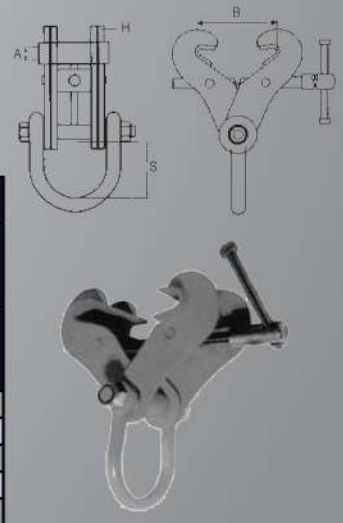
GEARED TROLLEY

MODEL	Capacity	1-Beam Width	N.W.	B	A	S	H
	Ton	mm	Kgs	mm	mm	mm	mm
VGT 0.5	0.5	75-125	5	208	170	190	106.5
VGT 1.0	1	75-125	8	220	206	222	123.5
VGT 1.5	1.5	100-150	13	260	228	236.5	125
VGT 2.0	2	100-150	13	260	240	267	132.5
VGT 3.0	3	100-150	25	285	282	320	175
VGT 15.0	15	125-175	44	338	327	391.5	190
VGT 20.0	20	125-180	90	362	389	490	275



BEAM CLAMP with SHACKLE
or GIRDER CLAMP

MODEL	SWL at0°	B		A		S		H
	Vertical	Jaw Grip Adjustment		Jaw Adjustment		Inside Shackle Crown to Spacer		Sideplate Thickness
	Kg	Inch min/max		mm min/max		Inch	mm	mm
HGC 010	1000	3-7 1/2	76-190	7/8	22	3 3/4	95	4
HGC 020	2000	3-7 1/2	76-190	7/8	22	3 3/4	95	6
HGC 030	3000	3-7 1/2	76-190	7/8	22	3 3/4	95	8
HGC 040	4000	6-10	150-254	7/8	22	3 9/10	101	10
HGC 050	5000	6-12	150-305	1 1/2	42	4 1/8	105	12
HGC 100	10000	8-18	203-457	1 1/2	42	4 1/8	105	12



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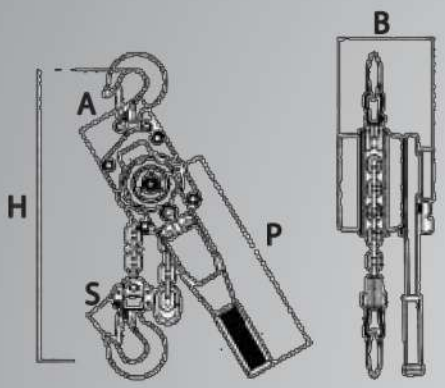
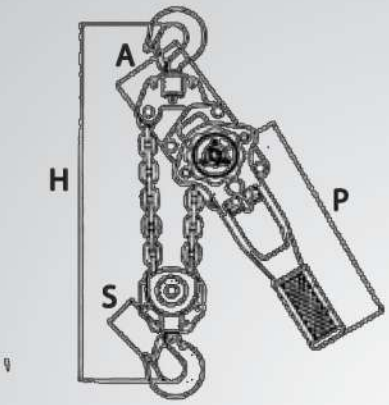
LEVER HOIST

LEVER HOIST





Model		VLH 075	VLH 100	VLH 150	VLH 300	VLH 600
Capacity	t	0.75	1	1.5	3	6
Standard	m	1.5	1.5	1.5	1.5	1.5
Test load	kN	11.3	15	22.5	45	90
Head room "H"	mm	325	325	380	480	620
Effort on lever to						
Lift Full Load	kg	14	18	22	32	34
No. of load chain falls		1	1	1	1	2
Diameter of load chain	mm	6	6	8	10	10
Length of lever handle "P"	mm	280	280	410	410	410
Dimensions mm	B	148	148	172	200	200
	A	90	90	98	115	115
	S	38	45	49	67	78
Net weight	kg	7	7	11	21	31
Additional 1 m lift		0.8	0.8	1.4	2.2	4.4

Remark : Hoist with other heights of lift also available

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LEVER HOIST

MAIN FEARURES

Compact
Short handle
Light weight
Low head room
No pre-load required
With caged roller bearings
on load sprocket

Unique Hand Wheel
and Knob Design

No preload is required
free knob design
Different from conventional
free wheel system)

VERY ROBUST BUT
LIGHT WEIGHT

Innovated & Patent
friction Disc Design
No Brake discs required

Short Handle
New Shape & thicker steel sheet

Grade 100 galvanized
load chain
Complied with EN 13157
Each lever hoist is operationally tested
at 1.5 times rated capacity

LEVER HOIST

CHARACTERISTICS

Model No.		VBL008	VBL0010	VBL016	VBL025	VBL032	VBL063	VBL090
Capacity	(tonnes	0,8	1	1.6	2.5	3.2	6.3	9
No. of Falls		1	1	1	1	1	2	3
Load Chain	(mm)	5.6X15.7	5.6X15.7	7.1X19.9	8.8X24.6	8.8X24.6	10X28	10X28
Pull to Rated Load	(N)	215	294	303	363	363	382	392
Proof Load	(kg)	1200	1200	2400	3800	3800	9500	13500
Standard Lift	(m)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Net Weight	(kg)	5.7	5.9	8.0	11.2	11.2	26.0	40.0
Gross Weight	(kg)	6.1	6.3	8.5	11.6	11.6	26.6	46.5
Extra Wt. per m	(kg)	0.7	0.7	1.1	1.7	1.7	4.4	6.6
Dimensions	B (mm)	146	146	164	179	179	196	196
	A (mm)	119	119	126	150	150	218	298
	S (mm)	23.5	29	32	36.5	36.5	50	72.5
	H (mm)	245	245	265	265	265	415	415
	P (mm)	280	280	355	375	375	540	680

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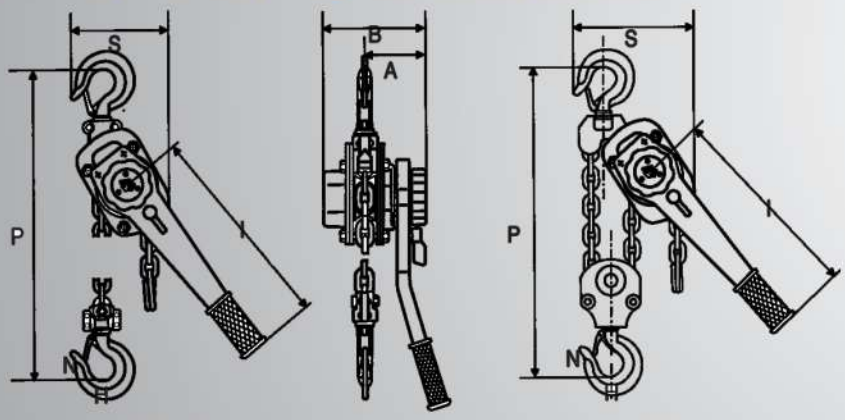
LEVER HOIST

Model		HLHO.75	HLH150	HLH300	HLH600	HLH900
Capacity	t	0.75	1.5	3	6	9
Standard lift	m	1.5	1.5	1.5	1.5	1.5
Proof load	kN	11.0	22.5	37.5	75.0	112.5
No. of falls of load chain		1	1	1	2	3
Dimension (mm)	B	148	172	200	200	200
	A	90	98	115	115	115
	S	136	160	180	235	320
	H	37	45	50	64	85
	P	325	380	480	620	700
	I	280	410	410	410	410
	N	30	36	40	50	58
Net weight	kg	7	11	21	31	46
Extra weight per meter of extra lift	kg	0,8	1.4	2.2	4.4	6.6

Remark : Hoist with other heights of lift also available



0.75T, 1.5T, 3T **6T**

CHARACTERISTTICS

- Bash-P lever hoist is a unviversal, manual hoist for lifting, tensioning and lashing in any direction.
- The ratchet lever hoist features compact design and robust, deep drawn, stamped steel construction.
- High quality materials ensure light weight without infrining reliability.
- Light weight, minimal lever force at full load.
- Asbestos free brake, holding load at any height.
- Top & Bottom hooks are fitted with safety latches as standard.
- The load chain can be pulled freely and easily through the hoist in both directions to attach the load or to tension the chain. For safety, the free chain cannot be adjusted whilst under load.
- Short hand lever with rubber grip.
- Hand lever operates with little effort due to optimal gear ratio.
- Drop forged steel suspension & load hooks are heat treated and fracture resistant in the case of overloading or abuse.
- The hoist is fitted with high grade alloy load chain.

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WIRE ROPE PULLING ASSEMBLY

WIRE ROPE PULLING ASSEMBLY

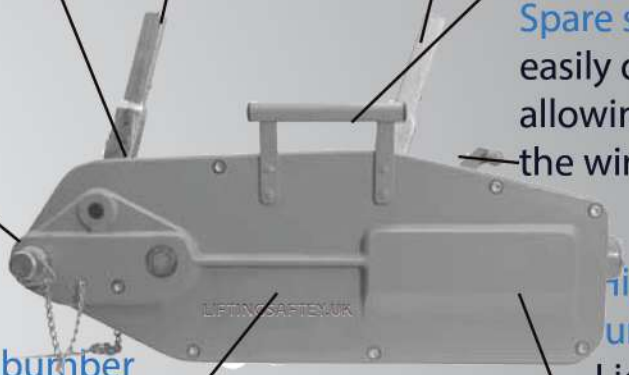
Built-in Shearing pin
prevent overland. It functions at approx. 25% overload and the pins can be replaced without removing the load.

Reverse & Forward Levers
Placed in tandem providing a slim desin and assuring power transfer along ther center.

Spare shear pins
Two spare shear pins located in the carrying handle.

Anchor Bolt

Spare shear pins
easily disengaged with a lever allowing smooth installation of the wire rope.

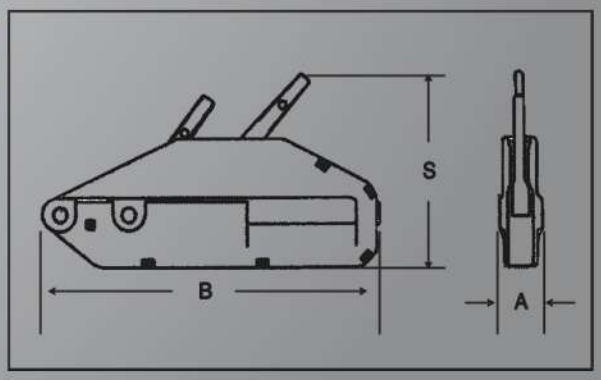


Stamped serial bumber
for easy identification

high strength cast aluminum alloy body
Light weight, simple to operate, Smooth contour design with large, flat base for increased stability in horizontal as well as vertical working position.

Galvanized steel wire rope mounted on a reel
every rope is operationally tested to 150% to of the rated capacity and is issued with an individual test certificate.

Adjustable handle
for easy operation



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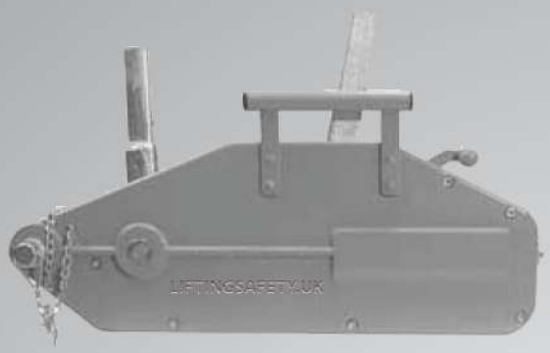
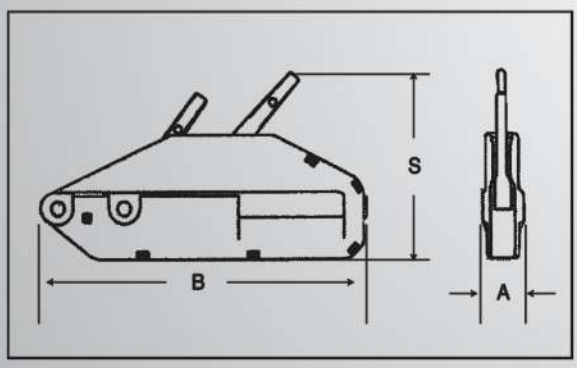
WIRE ROPE PULLING ASSEMBLY





WIRE ROPE PULLING ASSEMBLY

Specifications:

Model	VPA 008	VPA 016	VPA 032	VPA 054
Lifting Capacity (Rated Load) (Tonnes)	0.8	1.6	3.2	5.4
Pulling Capacity (Tonnes)	1,25	2,5	5,0	8.0
Lever Pull at Rated Load (N)	284	412	441	745
Forward Travel (mm)	52	55	28	30
Wire Rope Diameter (mm)	8.3	11	16	20
Net Weight (Body Only) (kg)	6.4	12.4	23.3	56.5
Net Weight (20 M Wire Rope) (kg)	7.0	11.5	23.5	35.5
Net Weight (Lever Handle) (kg)	1.15	2.5	2.5	4.6
Dimensions (Body) (mm) B x A x S	440x70x255	560x100x295	675x120x350	930x152x480

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SNATCH BLOCKS

> Drop forged, heat reated swivel hook or swivel shackle.
> Can be fumished with Bronze Bushings (BB) or Roller Bearings (RB).
> Can be fumished with hook latch.
> Fatigue Rated.
> Pressure lube fittings.

SPECIFICATIONS

Sheave Dia. (in)	Bearning Code	Item Code			Wire Rope Dia. (in)	WLL (t)*	Weight Each (lbs.)		
		CSB 196	CSB 196	CSB 196			CSB 196H	CSB 196S	CSB 196T
8	BB	H-01	S-01	T-01	1-1-1/8	20	75	87	42
8	RB	H-02	S-02	T-02	1-1-1/8	20	75	87	42
10	BB	H-03	S-03	T-03	1-1-1/8	20	89	101	55
10	RB	H-01	S-01	T-01	1-1-1/8	20	89	101	55
12	BB	H-04	S-04	T-04	1	20	103	115	70
12	RB	H-05	S-05	T-05	1	20	103	115	70
12	BB	H-06	S-06	T-06	1-1-1/8	20	103	115	70
12	RB	H-07	S-07	T-07	1-1-1/8	20	103	115	70
14	BB	H-08	S-08	T-08	1	20	123	135	90
14	RB	H-09	S-09	T-09	1	20	123	135	90
14	BB	H-10	S-10	T-10	1-1-1/8	20	123	135	90
14	RB	H-11	S-11	T-11	1-1-1/8	20	123	135	90
18	BB	H-12	S-12	T-12	1	25	240	260	165
18	RB	H-13	S-13	T-13	1	25	240	260	165
18	BB	H-14	S-14	T-14	1-1-1/8	25	240	260	165
18	RB	H-15	S-15	T-15	1-1-1/8	25	240	260	165
20	BB	H-16	S-16	T-16	1-1-1/8	30	375	400	215
20	RB	H-17	S-17	T-17	1-1-1/8	30	375	400	215
20	BB	H-18	S-18	T-18	1-1-1/4	30	375	400	215
20	RB	H-19	S-19	T-19	1-1-1/4	30	375	400	215
24	BB	H-20	S-20	T-20	1-1-1/8	30	450	475	290
24	RB	H-21	S-21	T-21	1-1-1/8	30	450	475	290
24	BB	H-22	S-22	T-22	1-1-1/4	30	450	475	290
24	RB	H-23	S-23	T-23	1-1-1/4	30	450	475	290

* Ultimate Load is 4 times the Working Load Limit.

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SNATCH BLOCKS



> Forged alloy heat treated hooks.
> Forged steel swivel tees, yokes and shackles.
> Can be furnished with Bronze Bushings (BB) or Roller Bearing (RB).
> Opening feature permits insertion of rope while block is suspended from gin-pole.
> Can be furnished with hook latch.
> Fatigue Rated.
> Pressure lube fittings.

SPECIFICATIONS

Sheave Dia. (in)	Bearning Code	Item Code			Wire Rope Dia. (in)	WLL (t)*	Weight Each (lbs.)		
		CSB 197	CSB 197	CSB 197			CSB 197H	CSB 197S	CSB 197T
*3	BB	H-01	S-01	T-01	5/16-3/8	2	-	4	-
**3	BB	H-02	S-02	T-02	5/16-3/8	2	5	4	3
**4-1/2	BB	H-03	S-03	T-03	3/8-1/2	4	12	12	7
6	BB	H-01	S-01	T-01	5/8-3/4	8	27	28	15
6	RB	H-04	S-04	T-04	5/8-3/4	8	27	28	15
8	BB	H-05	S-05	T-05	5/8-3/4	8	33	34	21
8	RB	H-06	S-06	T-06	5/8-3/4	8	33	34	21
10	BB	H-07	S-07	T-07	5/8-3/4	8	41	42	29
10	RB	H-08	S-08	T-08	5/8-3/4	8	41	42	29
12	BB	H-09	S-09	T-09	5/8	8	48	49	36
12	RB	H-10	S-10	T-10	5/8	8	48	49	36
12	BB	H-11	S-11	T-11	3/4	8	48	49	36
12	RB	H-12	S-12	T-12	3/4	8	48	49	36
14	BB	H-13	S-13	T-13	5/8	8	55	56	-
14	RB	H-14	S-14	T-14	5/8	8	55	56	-
14	BB	H-15	S-15	T-15	3/4	8	55	56	-
14	RB	H-16	S-16	T-16	3/4	8	55	56	-
16	BB	H-17	S-17	T-17	3/4	15	130	135	-
16	RB	H-18	S-18	T-18	3/4	15	130	135	-
16	BB	H-19	S-19	T-19	7/8	15	130	135	-
16	RB	H-20	S-20	T-20	7/8	15	130	135	-
18	BB	H-21	S-21	T-21	7/8	15	150	155	-
18	RB	H-22	S-22	T-22	7/8	15	150	155	-
18	BB	H-23	S-23	T-23	1	15	150	155	-
18	RB	H-24	S-24	T-24	1	15	150	155	-

* Ultimate Load is 4 times the Working Load Limit.
** Available in Bronze Bushed only 3" and 4-1/2 have self lubricating Bronze Bushing.

SNATCH BLOCKS

> All parts are forged
> Hooks and side plates are forged alloy steel and heat treated.
> Can be furnished with Bronze Bushings (BB) or Roller Bearnings (RB).
> Shackles and yokes are forged and heat treated steel.
> Fatigue Rated.
> Pressure lube fittings.
> Side plates are desigend to eliminate possibilitty of rope jamming.
> Hook and Shackle assemblies can be interchanged.
> Blocks furnished with dual rated wireline sheaves.
> Opening feature permits insertion of rope while block is suspended from gin-pole.

SPECIFICATIONS

Sheave Dia. (in)	Bearning Code	Item Code			Wire Rope Dia. (in)	WLL (t)*	Weight Each (lbs.)		
		CSB 198	CSB 198	CSB 198			CSB 198H	CSB 198S	CSB 198T
6	BB	H-01	S-01	T-01	3/4-7/8	12	40	48	24
6	RB	H-02	S-02	T-03	3/4-7/8	12	40	48	24
8	BB	H-03	S-03	T-03	3/4-7/8	15	51	57	30
8	RB	H-01	S-01	T-01	3/4-7/8	15	51	57	30
10	BB	H-04	S-04	T-04	3/4-7/8	15	63	69	42
10	RB	H-05	S-05	T-05	3/4-7/8	15	63	69	42

* Ultimate Load is 4 times the Working Load Limit.

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SNATCH BLOCKS

> Double sheave block.
> Drop forged swivel hook or swivel shackle.
> Can be furnished with Bronze Bushings (BB) or Roller Bearnings (RB).
> Opening feature permits easy insertion of rope in both rope sheaves with removal of one bolt.
> Fatigue Rated.
> Pressure lube fittings.

SPECIFICATIONS

Sheave Dia. (in)	Bearning Code	Item Code		Wire Rope Dia. (in)	WLL (t)*	Weight Each (lbs.)	
		CSB 199	CSB 199			CSB 199H	CSB 199S
4-1/2	BB	H-01	S-01	3/8-1/2	4	18	18
6	BB	H-02	S-02	5/8-3.4	12	45	50
6	RB	H-03	S-03	5/8-3/4	12	45	50
8	BB	H-01	S-01	5/8-3/4	12	53	58
8	RB	H-04	S-04	5/8-3/4	12	53	58
10	BB	H-05	S-05	5/8-3/4	12	70	75
10	RB	H-06	S-06	5/8-3/4	12	70	75
12	BB	H-07	S-07	5/8	12	90	95
12	RB	H-08	S-08	5/8	12	90	95
12	BB	H-09	S-09	3/4	12	90	95
12	RB	H-10	S-10	3/4	12	90	95
14	BB	H-11	S-11	5/8	12	100	105
14	RB	H-12	S-12	5/8	12	100	105
14	BB	H-13	S-13	3/4	12	100	105
14	RB	H-14	S-14	3/4	12	100	105

* Ultimate Load is 4 times the Working Load Limit.
Available in Bronze Bushed only.

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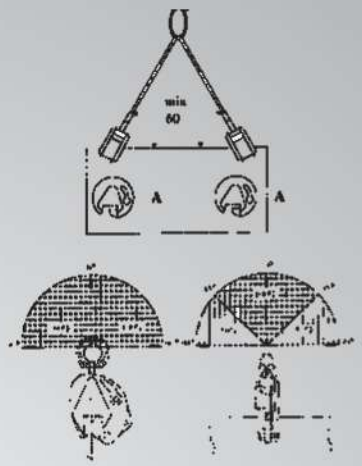
VERTICAL LIFTING CLAMPS

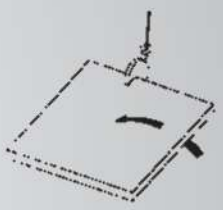


Lifting Instructions

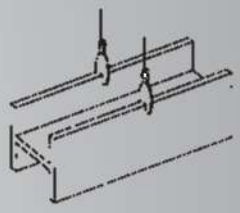
APPLICATIONS

LIFTING APPLCATION

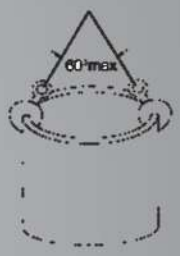
Upright lifting



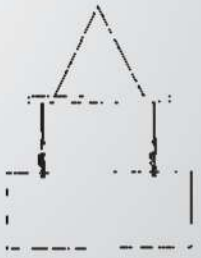
Turning over steel sheet



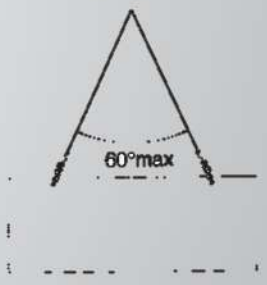
Horizontal lifting



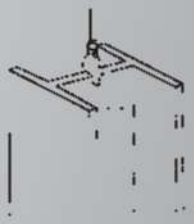
Lifting round drum (round steel)



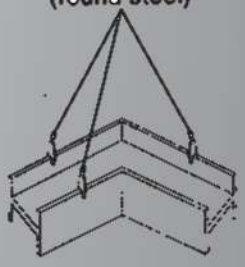
Lifting with beam



Lifting without beam



Vertical lifting



Lifting non-standard articles

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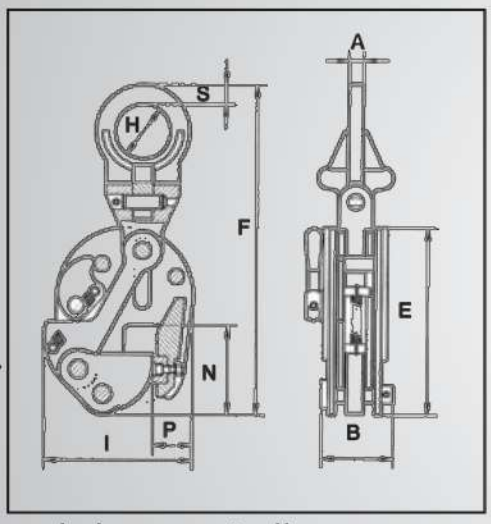
VERTICAL LIFTING CLAMPS



WARNING NOTICE

- JPC plate lifting clamps are to be used for lifting steel plates vertically.
- Avoid collision with other objects when lifting.
- Ensure that the clamp handle has tightened the spring before lifting.
- To unload, loosen off the spring.
- One or Two clamps can be used for lifting, depending on the size of the load.

SPECIFICATIONS

Model	WLL	PLATE Thickness mm	Net Weight Kg	Dimensions mm								
				B	A	S	H	P	I	N	T	E
JPC 3	1	0-16	4.5	59	12	16	45	30	120	72		155
JPC 4	2	0-22	6.3	61	16	23	55	45	165	90	340	190
JPC 6	3	0-35	11.5	72	16	28	60	55	195	110	374	227
JPC 7	5	16-50	19.3	82	20	33	250	70	250	133	458	275
JPC 8	8	40-80	39	100	25	40	80	80	345	176	568	370
JPC 12	12	50-90		107	28	45	90	105	430	182	635	380
JPC 16	16	60-100	45	107	41	50	100	115	455	200	650	410

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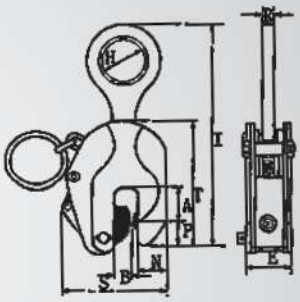
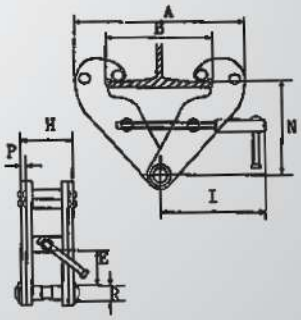
LIFTING CLAMP & BEAM CLAMP

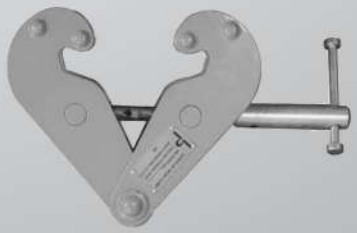
VERTICAL PALTE LIFTING CLAMP



Model		LC010	LC020	LC030	LC050
Lift capacity	kg	1000	2000	3000	5000
Test load	KN	19.6	39.6	58.8	98
Jaw opening	mm	0.22	0.30	0.35	0-50
Dimensions mm	B	24	35	40	50
	A	36	45	50	58
	S	125	155	175	218
	H	50	60	60	65
	P	24	30	35	42
	I	220-260	250-295	296-360	350-420
	N	30	38	40	60
	T	156	190	226	270
	E	52	60	68	76
	R	14	18	20	22
Net weight	kg	3.6	6.0	9.2	16.5
Packing size	cm	30X6X15	35X8X18	41X9X20	45X12X25



BEAM CLMP



Model		BC010	BC020	BC030	BCO5O	BC100
Lift capacity	kg	1000	2000	3000	5000	10000
Test load	KN	14.71	29.42	44.13	61.92	125
Flange with	mm	75-220	75-220	80-320	80-320	80-350
Dimensions mm	Max.B	260	260	354	354	400
	Min.A	180	180	235	235	250
	Max.S	360	360	490	490	520
	H	64	74	103	103	120
	P	5	6	8	8	12
	I	215	215	260	260	280
	Max.N	155	155	225	225	230
	Min.T	102	102	140	140	160
	Min.E	25	25	45	45	70
	R	22	22	24	28	44
Net weight	kg	4.5	5	10.5	11	16
Packing size	cm	43x10x17	43x10x17	39x14x34	39x14x34	55x17x28

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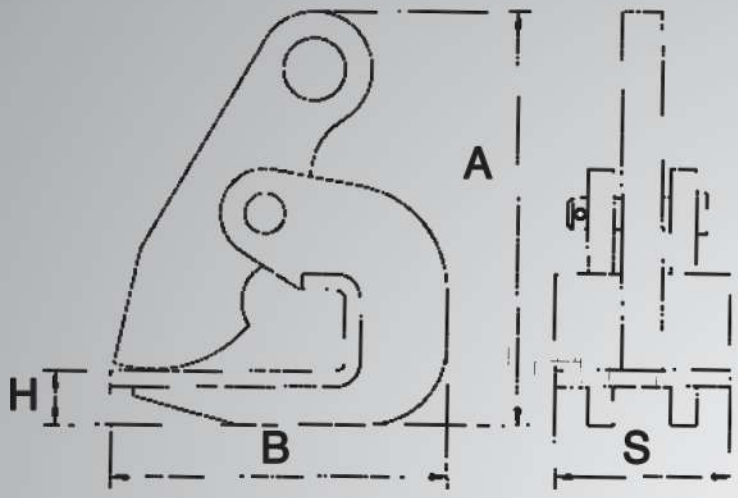
HORIZONTAL PALTE LIFTING CLAMPS



HORIZONTAL PLATE LIFTING CLAMPS

SPECIFICATIONS

Model	WLL TONNE/ PER PAIR	Thickness (mm)	B mm	A mm	S mm	H mm	Kg Net Weight
JPL 2	02	0-20	127	152	58	24	2.0
JPL 3	03	0-30	152	185	64	25	2.2
JPL 5	05	20-60	221	282	70	45	7.2
JPL 8	08	50-100	280	365	86	50	17
JPL 10	010	60-125	310	420	86	54	

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PALTE LIFTING CLAMPS

WARNING NOTICE

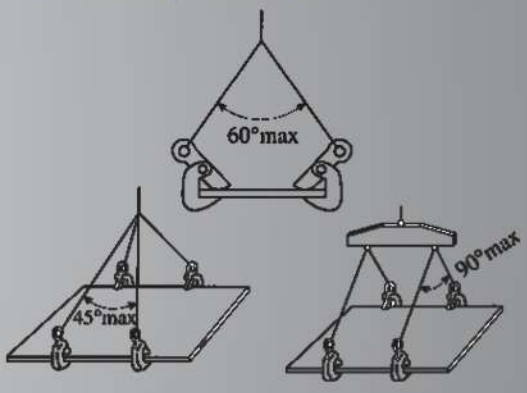
- Use for level hoisting of steel plate.
- Use spreader beam for extra large plate.
- Use four JLL clamps for large plates.
- Avoid collision with other objects when lifting.
- Never lift plates from one side only.
- Avoid overloading check the WLL.
- WLL is shown for two clamps (1 pair)

PLATE LIFTING CLAMPS

SPECIFICATIONS

Model	WLL TONNE/ PER PAIR	Thickness (mm)	Kg Net Weight
JLL 0.75	0.75	0-15	2.0
JLL 1.5	1.5	0-25	2.2
JLL 2.5	2.5	25-50	7.2
JLL 5	5	50-80	17

Lifting Instructions



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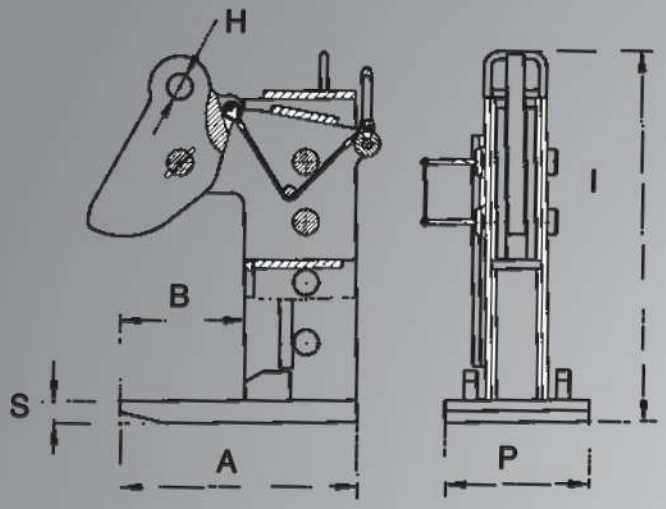
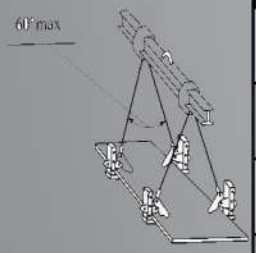
MULTI PLATE LIFTING CLAMPS



MULTI PLATE LIFTING CLAMPS

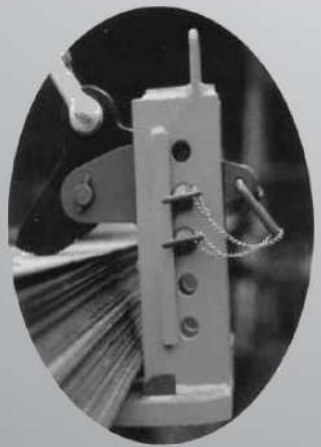
SPECIFICATIONS



Model	WLL tonnes Per / pair	Thickness mm	Net Weight Kg	Dimensios mm					
				B	A	S	H	P	I
JML3	0.3	45-180		110	210	25	26	140	380
JML4	04.5	70-240		160	240	30	30	158	450
JML6	0.6	50-380		200	376	35	40	200	520
JML9	07.0	80-240		180	300	60	40	200	520
JML15	15	80-240		180	300	75	50	235	530

WARNING NOTICE

- Designed for the multiple lifting of plate.
- Avoid collision with other objects when lifting.
- Avoid overloading check the WLL.
- WLL is shown for two clamps (1pair).
- Four clamps are recommended when lifting.
- Use spreader beam.



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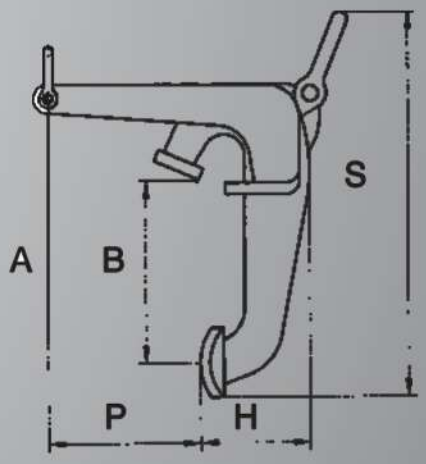
VERTICAL BARREL CLAMP

WARNING NOTICE

- For use on vertical lifting of barrels.
- Avoid overload of the clamp.
- Avoid collision with other objects when lifting.
- WLL relates to the use of one clamp.
- Two or more clamps can be used together if required.



BAREL CLAMP

Model	WLL TONNES PER PAIR	Kg Net Weight	Jaw opening	Dimensios mm				
				B	A	S	H	P
JPC-193	0.6	6	0~30	350	420	570	105	260

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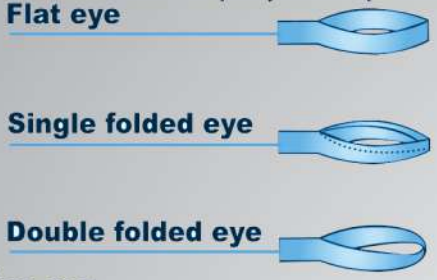
WEBBING SLING

Flat Polyester woven webbing slings are accordance to British Standards - BS EN 1492-1:2000 +A1.2008 norms, LIFTINGSAFETY.UK webbing slings are manufactured and tested to international Quality standards with a Safety Factor 6:1 or 7:1

Eye Reinforcement:

Soft Eyes can be reinforced with leather or polyester protection



Slings with metal end fittings

Eyes can be provided with metal fittings for more safety and durability

Non-Reeving & Reeving

A flat webbing sling is a soft lifting sling made from high-strength polyester (PES).
It's designed to lift loads without damaging the surface, unlike wire rope or chain.
Main features
Lightweight & flexible
Non-conductive (safe near electricity)
Doesn't scratch or mark loads
Easy to inspect (cuts, wear, label)
Types
Eye & Eye (E/E) – loops at both ends
Endless (Duplex) – continuous loop
Reinforced eyes – extra protection at lifting points
Color code (EN 1492-1)
Purple – 1 ton
Green – 2 ton
Yellow – 3 ton
Grey – 4 ton
Red – 5 ton
Brown – 6 ton
Blue – 8 ton
Orange – 10 ton
Common applications
Steel & machinery lifting
Glass, marble, polished surfaces
Construction & factories
Ports & warehouses
Safety notes
Never use if cut, torn, or label missing
Protect from sharp edges
Avoid chemicals & high heat
Follow correct sling angle to keep WLL safe
Honestly, for your LiftingSafety products, flat webbing slings are perfect to position as "safe lifting without damage".
If you want, I can:

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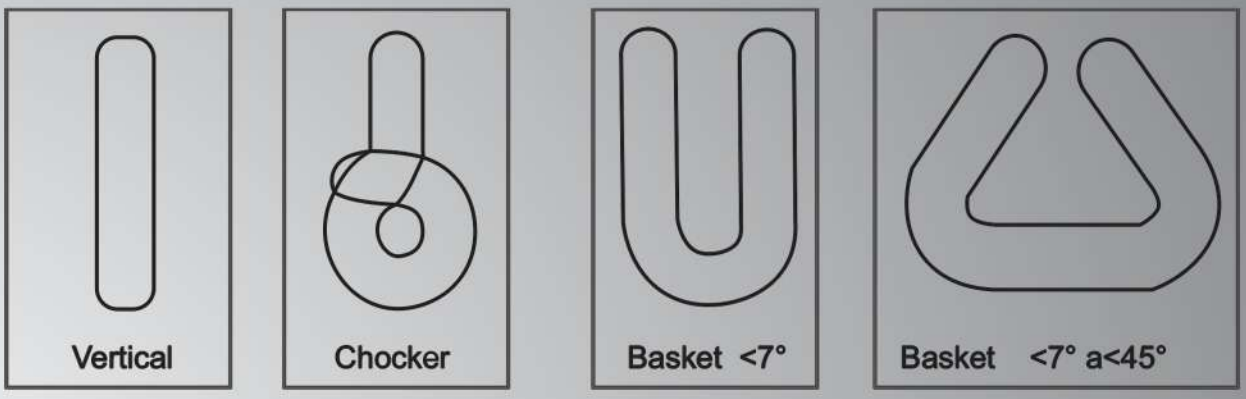
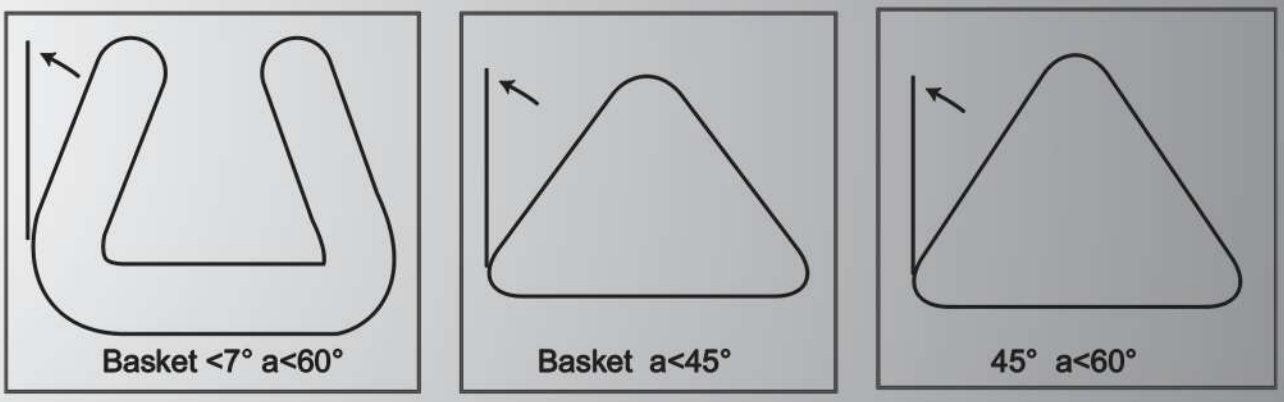
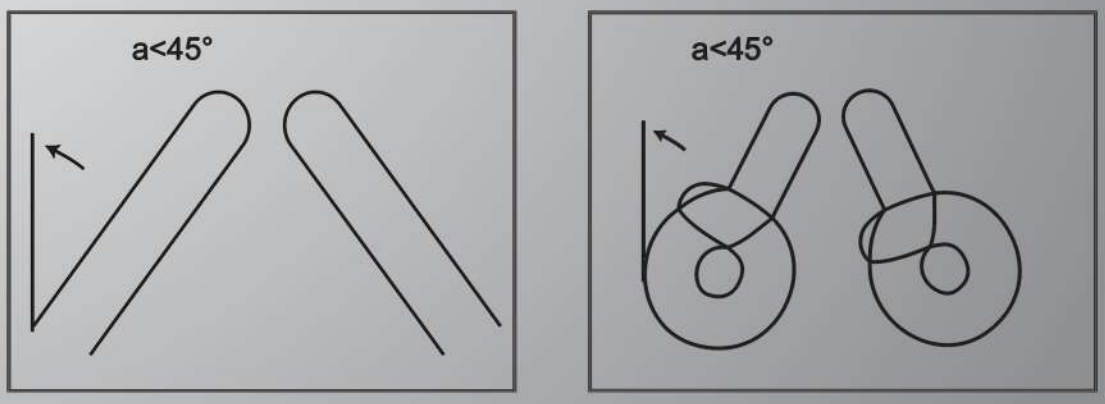
LIFTING MODES

LIFTING METHODS







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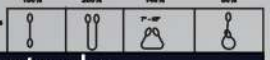
WEBBING SLING LOAD CHART

SINGLE, DOUBLE, THREE/ FOUR PLY

Flat Polyester Endless Single Ply



Capacity	Width		Colour	SWL/WLL in Kg Different modes			
	Inch	mm					
1	1	25	VOILET	1000	2000	1400	800
2	2	50	GREEN	2000	4000	2800	1600
3	3	75	YELLOW	3000	6000	4200	2400
4	4	100	GREY	4000	8000	5600	3200
5	5	125	RED	5000	10000	7000	4000
6	6	150	BROWN	6000	12000	8400	4800
8	8	200	BLJUE	8000	16000	11200	6400
10	10	250	ORANGE	10000	20000	14000	8000
12	12	300	ORANGE	12000	24000	16800	9600

Flat Polyester Endless Double Ply

SWL/WLL	Width		Colour	SWL/WLL in Kg Different modes			
	Inch	mm					
2	1	25	VOILET	2000	4000	2800	1600
4	2	50	GREEN	4000	8000	5600	3200
6	3	75	YELLOW	6000	1200	8400	4800
8	4	100	GREY	8000	16000	11200	6400
10	5	125	RED	10000	20000	14000	8000
12	6	150	BROWN	12000	24000	16800	9600
16	8	200	BLUE	16000	32000	22400	12800
20	10	250	ORANGE	20000	40000	28000	16000
24	12	300	ORANGE	24000	48000	33600	19200

Flat Polyester Endless Three Ply

SWL/WLL	Width		Colour	SWL/WLL in Kg Different modes			
	Inch	mm					
3	1	25	VOLIET	3000	6000	4200	2400
6	2	50	GREEN	6000	12000	8400	4800
9	3	75	YELLOW	9000	18000	12600	7200
12	4	100	GREY	12000	24000	16800	9600
15	5	125	RED	15000	30000	21000	12000
18	6	150	BROWN	18000	36000	25200	14400
24	8	200	BLJUE	24000	48000	33600	19200
30	10	250	ORANGE	30000	60000	42000	24000
36	12	300	ORANGE	36000	72000	50400	28800

Flat Polyester Endless Four Ply

SWL/WLL	Width		Colour	SWL/WLL in Kg Different modes			
	Inch	mm					
4	1	25	VOLIET	4000	8000	5600	3200
8	2	50	GREEN	8000	16000	11200	6400
12	3	75	YELLOW	1200	24000	16800	9600
16	4	100	GREY	16000	32000	22400	12800
20	5	125	RED	20000	40000	28000	16000
24	6	150	BROWN	24000	48000	33600	19200
32	8	200	BLJUE	32000	64000	44800	25600
40	10	250	ORANGE	40000	80000	56000	32000
48	12	300	ORANGE	48000	96000	67200	38400

Note: 1. Each sling is supplied with an individual test certificate.

2. All slings can be provided with protective polyester sleeve of any length.

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WEBBING SLING LOAD CHART

SINGLE, DOUBLE, THREE/ FOUR PLY WITH SOFT EYE END

Flat Polyester Single Ply

Capacity	Width		Colour	SWL/WLL in Kg Different modes			
	Inch	mm					
0.5T	1	25	VOLIET	500	1000	700	400
1T	2	50	GREEN	1000	2000	1400	800
1.5	3	75	YELLOW	1500	3000	2100	1200
2T	4	100	GREY	2000	4000	2800	1600
2.5T	5	125	RED	2500	5000	3500	2000
3T	6	150	BROWN	3000	6000	4200	2400
4T	8	200	BLUE	4000	8000	5600	3200
5T	10	250	ORANGE	5000	10000	7000	4000
6T	12	300	ORANGE	6000	12000	8400	4800

Flat Polyester Double Ply

SWL/WLL	Width		Colour	SWL/WLL in Kg Different modes			
	Inch	mm					
1T	1	25	VOLIET	1000	2000	1400	800
2T	2	50	GREEN	2000	4000	2800	1600
3T	3	75	YELLOW	3000	6000	4200	2400
4T	4	100	GREY	4000	8000	5600	3200
5T	5	125	RED	5000	10000	7000	4000
6T	6	150	BROWN	6000	12000	8400	4800
8T	8	200	BLUE	8000	16000	11200	6400
10T	10	250	ORANGE	10000	20000	14000	8000
12T	12	300	ORANGE	12000	24000	16800	9600

Flat Polyester Three Ply

SWL/WLL	Width		Colour	SWL/WLL in Kg Different modes			
	Inch	mm					
1.5T	1	25	VOLIET	1500	3000	2100	1200
3T	2	50	GREEN	3000	6000	4200	2400
4.5T	3	75	YELLOW	4500	9000	6300	3600
6T	4	100	GREY	6000	12000	8400	4800
7.5T	5	125	RED	7500	15000	10500	6000
9T	6	150	BROWN	9000	18000	12600	7200
12T	8	200	BLUE	12000	24000	16800	9600
15T	10	250	ORANGE	15000	30000	21000	12000
18T	12	300	ORANGE	18000	36000	25200	14400

Flat Polyester Four Ply

SWL/WLL	Width		Colour	SWL/WLL in Kg Different modes			
	Inch	mm					
2T	1	25	VOLIET	2000	4000	2800	1600
4T	2	50	GREEN	4000	8000	5600	3200
6T	3	75	YELLOW	6000	12000	8400	4800
10T	4	100	GREY	8000	16000	11200	6400
12T	5	125	RED	10000	20000	14000	8000
16T	6	150	BROWN	12000	24000	16800	9600
20T	8	200	BLUE	16000	32000	22400	12800
20T	10	250	ORANGE	20000	40000	28000	1600
24T	12	300	ORANGE	24000	48000	33600	19200

Note: 1. Each sling is supplied with an individual test certificate.

2. All slings can be provided with protective polyester sleeve of any length.

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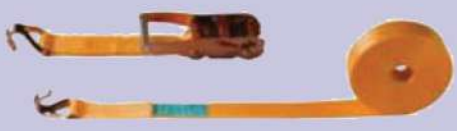
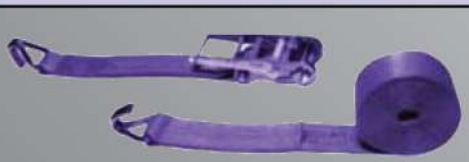
CARGO LASHING

Code	Size (in)	Types	Breaking Strength (t)	Lashing Capacity (kg)	Webbing Colur
BP01JR	1"		1	400	Yellow
BP1.5JR	1.5"		3	400	Yellow
BP02CR	2"		5	1200	Yellow Blue Orange
BP02JR	2"		5	1825	Yellow Blue Orange
BP02TR	2"		5	1825	Yellow Blue Orange
BP02SR	2"		5	1825	Yellow Blue Orange
BP03JR	3"		10	3750	Yellow
BP-04FW	4"		15	5000	Grey
BP04JR	4"		15	5000	Grey

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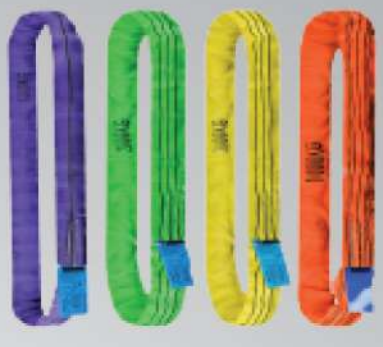
ROUND SLINGS



CAPACITY

up to 1000 tonnes

LENGTH

up to 80 meters

ITEM NO.	WORKING LOAD LIMIT		Approx. tickness (mm)	Approx. width (mm)	Min. length (mtr)	Max. length (mtr)	weight / mtr
	Kg	tonnes					
BPR-0001	1000	1	6	40	0.5	80	0.4
BPR-0002	2000	2	7	50	0.5	80	0.61
BPR-0003	3000	3	8	60	0.5	80	0.75
BPR-0004	4000	4	9	70	0.5	80	0.80
BPR-0005	5000	5	11	75	0.5	80	0.84
BPR-0006	6000	6	12	80	1.0	80	0.98
BPR-0008	8000	8	13	90	1.0	80	1.10
BPR-0010	10000	10	15	100	2.0	80	2.20
BPR-0012	12000	12	16	110	2.0	80	3.20
BPR-0015	15000	15	18	125	2.0	80	3.80
BPR-0020	20000	20	20	150	2.5	80	5.20
BPR-0025	25000	25	24	180	2.5	80	6.50
BPR-0030	30000	30	32	200	2.5	80	7.80
BPR-0040	40000	40	40	200	2.5	80	10.4
BPR-0050	50000	50	45	220	2.5	80	13.0
BPR-0060	60000	60	65	220	4.0	80	15.6
BPR-0080	80000	80	70	260	4.0	80	20.8
BPR-0100	100000	100	80	290	4.0	80	25.0
BPR-0200	200000	200	120	450	5.0	80	64.0
BPR-0300	300000	300	160	525	5.0	80	79.0
BPR-0400	400000	400	200	670	5.0	80	95.5
BPR-0500	500000	500	220	750	8.0	80	113.4
BPR-0600	600000	600	240	820	8.0	80	136.0
BPR-0700	700000	700	260	870	8.0	80	152.0
BPR-0800	800000	800	280	930	9.0	80	175.0
BPR-0900	900000	900	300	990	9.0	80	199.0
BPR-1000	100000	1000	320	1050	9.0	80	222.0