SNATCH BLOCK HOOK TYPE

Size (in)	WLL (t)	Sheave Diameter (mm)	Rope Diameter (mm)	Approx N.W. (kg/pc)
3	2	75	7-9	4
4 ½	4	115	10-12	6.1
6	8	150	20-22	14.4
8	15	200	22-24	24
10	12	250	24-26	42
16	22	400	28-32	108

SNATCH BLOCK SHACKLE TYPE

Size (in)	WLL (t)	Sheave Diameter (mm)	Rope Diameter (mm)	Approx N.W. (kg/pc)
3	2	75	7-9	4
4 ½	4	115	10-12	6.1
6	8	150	20-22	14.4
8	15	200	22-24	24
10	12	250	24-26	42
16	22	400	28-32	108

GIN WHEEL BLOCK
EYE TYPE & HOOK TYPE

A convenient way of raising or lowering a load.
Useful in hoisting lightweight goods and material on site.
Cost effective, safe and robust pulley system for light weight lifting.

WLL (lb)	Sheave Diameter (in)	Rope Diameter (in)	Approx N.W. (kg/pc)
1000	8	7/8	4.5
1000	10	1	5.6

COMMERCIAL PULLEY SINGLE SHEAVE HOOK TYPE

Rated Capacity (t)	Test Load (kN)	Sheave Diameter (mm)	Rope Diameter (mm)	Approx N.W. (kg/pc)
0.5	8	71	6.2-7.7	1.6
1	16	85	7.7-11	3.1
2	32	112	11-14	6.1
3.2	51.2	132	12.5-15.5	10
5	80	160	15.5-18.5	17
8	128	210	20-23	33
10	160	240	23-24.5	43
16	224	315	28-31	100
20	280	355	31-35	133

COMMERCIAL PULLEY DOUBLE SHEAVE HOOK TYPE

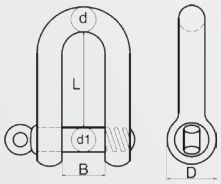
Rated Capacity (t)	Test Load (kN)	Sheave Diameter (mm)	Rope Diameter (mm)	Approx N.W. (kg/pc)
3.2	51.2	112	11-14	11
5	80	132	12.5-15.5	18.5
16	224	240	23-24.5	75
20	280	315	28-31	125
32	448	355	31-35	200

COMMERCIAL PULLEY TRIPLE SHEAVE HOOK TYPE

Rated Capacity (t)	Test Load (kN)	Sheave Diameter (mm)	Rope Diameter (mm)	Approx N.W. (kg/pc)
3.2	51.2	85	7.7-11	10
5	80	112	11-14	17.5
16	224	190	17-20	70
20	280	210	20-23	125
32	448	280	26-28	140

STANDARD COMMERCIAL TYPE SCREW PIN CHAIN SHACKLE

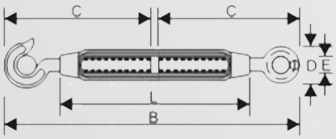
Electric galvanized



Size (mm)	WLL (kg)	Dimensions (mm)				Approx N.W. (kg/pc)
		B	D	L	d/d1	
6	100	12	11	25	6.5	0.028
8	200	14	15	31	8.5	0.049
10	320	18	17	36	10	0.049
12	520	24	23	46	13	0.18
16	800	30	32	59	17	0.42
20	1100	36	37	74	20	0.72
22	1500	43	43	86	23	1.18
25	2100	47	50	95	27	1.80
28	3000	55	56	110	30	2.50
32	3500	64	64	130	34	3.70
38	5000	76	76	145	40	6.10

COMMERCIAL TYPE TURNBUCKLE

Malleable Iron



Size (mm)	WLL (kg)	BL (t)	Dimensions (mm)				
			B	C	D	E	L
6	100	4.48	145	215	12	10	100
8	200	8	185	280	14	12	125
10	300	12.6	210	325	16	14	150
12	500	21.2	275	430	19	18	200
16	1000	32	345	540	23	24	250
20	1500	50	435	670	28	26	300
22	2200	60	480	740	34	32	325
24	3000	60	555	830	36	36	350

*LIFMEX reserves the right to change product designs & specifications without prior notice.
**The diagram shown may contain non-standard configurations.

RATCHET TYPE LOAD BINDER

Safe & reliable design for easy operation.
Forged Handle. Heat treated for extra strength.
Continuous take-up features provide finite adjustment to tie down load.
EN 12195-3

Chain Size Min-Max (in)	WLL (lb)	Proof Load (lb)	MIN Ultimate Load (lb)	Handle Length (in)	Take Up (in)	Approx N.W. (lb/pc)
1/4 - 5/16	2600	5200	9200	11.42	3.75	3.52
5/16 - 3/8	5400	10800	19000	15.43	4.5	10.5
3/8 - 1/2	9200	18400	33000	17.24	4.5	12.9
1/2 - 5/8	13000	26000	46000	21	4.75	14.38

LEVER TYPE LOAD BINDER

Quenched & Tempered Alloy Steel
Free 360 degrees swivel hooks for easier handling.
Designed for heavy duty transport use.
Heat treated for extra strength.
Ball & socket swivel joints at hook assemblies permit a straight-line pull.
Not for lifting, only for lashing.
EN 12195-3

Chain Size Min-Max (in)	WLL (lb)	Proof Load (lb)	MIN Ultimate Load (lb)	Handle Length (in)	Approx N.W. (lb/pc)
1/4 - 5/16	2600	5200	9200	7.16	3.52
5/16 - 3/8	5400	10800	19000	13.42	8.37
3/8 - 1/2	9200	18400	33000	13.92	12.11
1/2 - 5/8	13000	26000	46000	21	19.7

G80 LIFTING CHAIN

G80 lifting chains are high-strength chains designed for heavy-duty lifting applications. They are made from a special grade of steel that gives them excellent strength and durability.

Size (mm) d x P	Width (mm) Inside MIN (a)	Width (mm) Outside MAX (b)	WLL (t)	BL (kN)	Approx N.W. (kg/mtr)
6 x 18	7.5	21	1.1	45.2	0.79
8 x 24	10	28	2	80.4	1.38
10 x 30	12.5	35	3.15	126	2.2
13 x 39	16.3	46	5.3	212	3.8
16 x 48	20	56	8	320	5.63
20 x 60	25	70	12.5	450	8.6
22 x 66	28	77	15.3	610	10.2
26 x 78	35	91	21.3	850	14.87
32 x 96	40	106	32.2	1286	22.29

GALVANIZED MEDIUM LINK CHAIN

Galvanized Medium Link Chain is a type of chain made from steel that has been coated with zinc to provide corrosion resistance. This coating helps protect the chain from rust and other forms of corrosion, making it suitable for outdoor use or in environments with high humidity or exposure to corrosive substances.

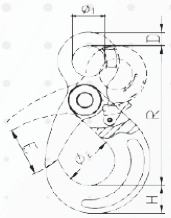
Size d (in)	Chain Diameter (mm)	Inside Length L (mm)	Outside Width W (mm)	Test Load (kg)	BL (kg)	Approx N.W. (kg/mtr)
1/4	6	26	23	750	1500	0.82
5/16	8	32	29	1200	2400	1.28
3/8	10	35	35	1700	3400	1.87
1/2	12	50	45.5	3000	6000	3.28
5/8	16	60	56.7	4700	9400	5.11
3/4	18	76	69	6800	13600	7.31
7/8	22	90	80	9250	18500	9.90
1	25	105	95	12150	24300	12.99

GALVANIZED LONG LINK CHAIN

Galvanized Long Link Chain is a type of chain characterized by its larger, elongated links compared to standard or medium link chains.

Size d (in)	Inside Length L (mm)	Outside Width W (mm)	Test Load (kg)	BL (kg)	Approx N.W. (kg/mtr)
1/4	33	21	750	1500	0.73
1/2	85	48.5	3000	6000	2.82
5/8	114	61.5	4700	9400	4.33
3/4	125	75	6800	13600	6.43

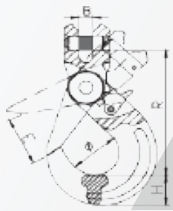
G80 EUROPEAN TYPE EYE SELF-LOCKING HOOK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)						Approx N.W. (kg/pc)
			Ø1	R	D	Ø2	H	E	
10 - 8	3.15	12.6	32	171	15	56	28.5	44	1.55
13 - 8	5.3	21.2	40.5	208.5	19.5	69	40	52	3.2
16 - 8	8	32	56	257.5	22	86	50.5	60	5.74
20 - 8	12.5	50	64.5	275	27	98	55	81	8.5
22 - 8	15	60	70	320	30	100	67	82	13
26 - 8	21.2	84.8	80	363	33	110	75	110	18
32 - 8	31.5	126	105	472	45	166	97	168	44.5

G80 EUROPEAN TYPE CLEVIS SELF-LOCKING HOOK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

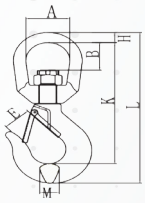
Size (mm)	WLL (t)	BL (t)	Dimensions (mm)					Approx N.W. (kg/pc)
			E	B	H	Ø	R	
7/8 - 8	2	8	34	9.5	24	46	121	0.8
10 - 8	3.15	12.6	44	12	28.5	56	146	1.5
13 - 8	5.3	21.2	52	15	40	69	182	2.8
16 - 8	8	32	60	18	50.5	86	218	5.6
20 - 8	12.5	50	83	25	55	98	240	7.5
22 - 8	15	60	88	25.5	67	100	276.5	11.5
26 - 8	21.2	84.8	95.5	30	75	110	311	18.5
32 - 8	31.5	126	160	36	97	166	401	46.5

G80 CLEVIS SELF-LOCKING HOOK WITH GRIP

Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)					Approx N.W. (kg/pc)
			A	H	E	L	Ø	
7/8 - 8	2	8	9.5	21.5	36	149	40	0.6
10 - 8	3.15	12.6	12	26.2	44	180	50	1.1
13 - 8	5.3	21.2	15	31	54	229	60	2
16 - 8	8	32	18	39.5	63	270	70	4.2

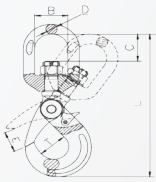
G80 SWIVEL LATCH HOOK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)							Approx N.W. (kg/pc)
			A	E	B	H	K	L	M	
7/8 - 8	2	8	42	21.5	35	15.8	150	192	21	1.02
13 - 8	5.3	21.2	48	32.5	39	18	191	246	31	3.6
16 - 8	8	32	62	43	51	25	243.5	313	34	4.66
20 - 8	12.5	50	68	49.5	53	28.5	276.5	363.5	41.5	7.4

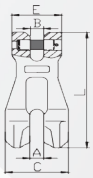
G80 EUROPEAN TYPE SWIVEL SELF-LOCKING HOOK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)						Approx N.W. (kg/pc)
			B	C	D	L	T	E	
10 - 8	3.15	12.6	42	34	15	247	56	44	2
13 - 8	5.3	21.2	50	38.5	16	302	69	52	4
16 - 8	8	32	61	55	21.5	383	86	60	7.3
20 - 8	12.5	50	72	61	26	418	98	83	11.6

G80 CLEVIS CHAIN CLUTCH

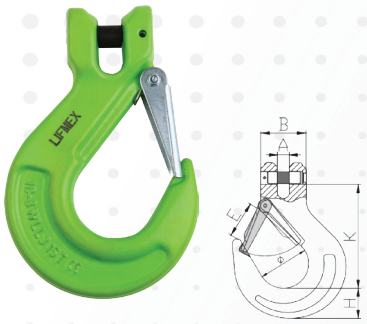


Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)					Approx N.W. (kg/pc)
			A	B	C	E	L	
7/8 - 8	2	8	9.5	9.5	45	36	101	0.41
10 - 8	3.15	12.6	13	13	55	48	138	0.97
13 - 8	5.3	21.2	18	16	75	59	177	2.01
16 - 8	8	32	21	21	93	73	220	3.32
18/20 - 8	12.5	50	22	22	99	78	238	6.2
22 - 8	15	60	25.5	25.5	118	98	295	8.5

*LIFMEX reserves the right to change product designs & specifications without prior notice.
**The diagram shown may contain non-standard configurations.

G80 CLEVIS LATCH HOOK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)						Approx N.W. (kg/pc)
			A	B	Ø	H	K	E	
7/8 - 8	2	8	9.5	37	37	32.5	85.5	29	0.52
10 - 8	3.15	12.6	13	49	46	35	104	39	1.05
13 - 8	5.3	21.2	16.5	56.5	56	42.5	128	47	2
16 - 8	8	32	21.5	70.5	60	54	150	55	3.7
20 -8	12.5	50	24	77	79	58	180	61	6

G80 EYE LATCH HOOK

Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

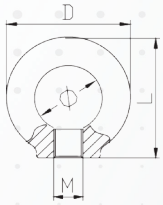
Size (mm)	WLL (t)	BL (t)	Dimensions (mm)					Approx N.W. (kg/pc)
			Ø1	E	D	Ø	L	
10 - 8	3.15	12.6	15	34	39	38	167	0.9
13 - 8	5.3	21.2	19	39	54	43	213	1.7
16 - 8	8	32	23	40	64	50	255	3.2
20 -8	12.5	50	24	46	80	62	305	5.8

G80 EUROPEAN TYPE CONNECTING LINK

Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)				Approx N.W. (kg/pc)
			A	L	K	H	
7/8 - 8	2	8	18	79.5	62.5	8.5	0.146
10 - 8	3.15	12.6	25	93	68	10.8	0.30
13 - 8	5.3	21.2	29	117	87	15	0.70
16 - 8	8	32	34.5	148	108.4	19.8	1.1
18/20 - 8	12.5	50	41	169.5	121.5	24	1.8
22 - 8	15	60	48	193.5	141.5	26	3.2
26 - 8	21.2	84.8	57.5	220	158	30	4.5
32 - 8	31.5	126	67	281	205	37	9

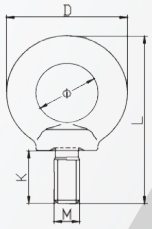
G80 EYE NUT



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size	WLL (t)		Dimensions (mm)			Approx N.W. (kg/pc)
	0°	90°	D	Ø	L	
M8	0.8/1	0.4	36	20	36	0.05
M10	1	0.4	45	25	45	0.09
M12	2	0.75	54	30	53	0.16
M16	4	1.5	63	35	62	0.24
M20	6	2.3	72	40	71	0.36

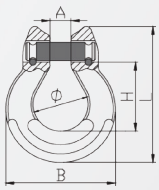
G80 EYE BOLT



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size	WLL (t)		Dimensions (mm)				Approx N.W. (kg/pc)
	0°	90°	D	K	Ø	L	
M8	0.8	0.4	36	15	20	51	0.06
M10	1	0.4	45	18	25	63	0.11
M12	2	0.75	54	22	30	75	0.18
M16	4	1.5	63	28	35	88	0.28
M20	6	2.3	72	30	40	101	0.45

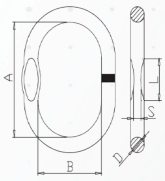
G80 OMEGA LINK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)					Approx N.W. (kg/pc)
			A	B	Ø	H	L	
7/8 - 8	2	8	10	52	23.5	35	68.5	0.21
10 - 8	3.15	12.6	12	62	31.5	40.5	81	0.36
13 - 8	5.3	21.2	15	81	41	54	108	0.71

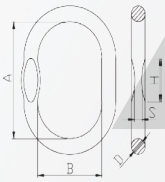
G80 MASTER LINK
NO FLAT MASTER LINK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)					Approx N.W. (kg/pc)
			A	B	D	S	L	
7/6 - 8	1.6	6.4	110	60	13	7	25	0.34
8/7 - 8	2.12	8.48	110	60	16	7	25	0.54
10/8 - 8	3.15	12.6	135	75	18	7	35	0.82
13/10 - 8	5.3	21.2	160	90	22	11	35	1.5
16/13 - 8	8	32	180	100	26	13	45	2.32
18/16 - 8	11.2	44.8	200	110	32	17	45	3.95
22/20 - 8	17	68	300	160	40	-	-	8.96
26/22 - 8	21.2	84.8	340	180	45	-	-	12.8
32/26 - 8	31.5	126	350	190	50	-	-	16.55
36/32 - 8	45	180	400	200	56	-	-	23.28

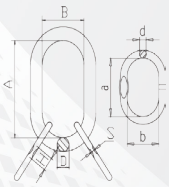
G80 WELDED MASTER LINK
WITH FLAT MASTER LINK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size	WLL (t)	BL (t)	Dimensions (mm)					Approx N.W. (kg/pc)
			A	B	D	S	H	
20B6	6.4	25.6	150	80	20	11	50	1.1
22B6	7.6	30.4	170	90	22	12	70	1.53
38B6	25.1	100.4	270	140	38	20	55	7.3
38B7	17	68	420	220	38	20	55	10.78
45B6	34	136	320	170	45	24	60	12.2

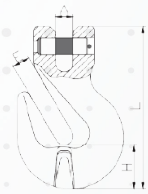
G80 MASTER LINK ASSEMBLY



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)								Approx N.W. (kg/pc)
			A	B	D	a	b	d	S	H	
6 - 8	2.36	9.44	135	75	18	54	25	13	7	25	1.18
7 - 8	3.15	12.6	135	75	18	60	38	13	7	25	1.24
8 - 8	4.25	17	160	90	22	70	34	16	7	25	2.2
10 - 8	6.7	26.8	180	100	26	85	40	18	11	35	3.4
13 - 8	11.2	44.8	200	110	32	115	50	22	13	35	6.1
16 - 8	17	68	260	140	36	140	65	26	17	45	9.98
20 - 8	26.5	106	350	190	50	180	100	32	-	-	22.6
22 - 8	31.5	126	350	190	50	180	100	36	-	-	25.2
26 - 8	45	180	400	200	56	200	110	40	-	-	34.26

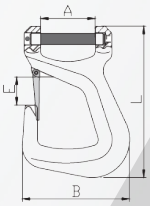
G80 CLEVIS SHORTENING GRAB HOOK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)				Approx N.W. (kg/pc)
			E	A	H	L	
10 - 8	3.15	12.6	13.5	12.5	30	126	0.73
13 - 8	5.3	21.2	16.5	15	42.5	163.5	1.6

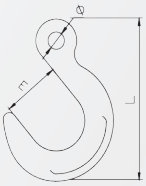
G80 CLEVIS BELT HOOK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (t)	WLL (t)	BL (t)	Dimensions (mm)				Approx N.W. (kg/pc)
			A	B	E	L	
2.2	2.2	8.8	61	120	47	167	1.47

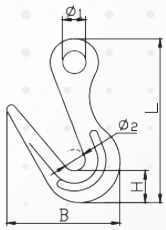
G80 EYE FOUNDRY HOOK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)			Approx N.W. (kg/pc)
			E	Ø	L	
6 - 8	1.6	6.4	63.5	18	163	1.09
10 - 8	3.2	12.8	76	22	200	2.03
13 - 8	5.4	21.6	89	27	238	3.22

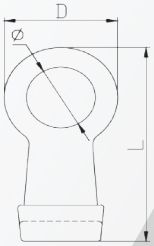
G80 FORGED ALLOY STEEL SORTING HOOK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4/5 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)					Approx N.W. (kg/pc)
			Ø1	B	Ø2	L	H	
2	2	8	35	170	33	254	49	3.09

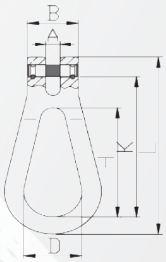
G80 BARREL HOOK



Maximum Proof Load is 2.5 times the WLL
Minimum Breaking Strength is 4 times the WLL

Size (t)	WLL (t)	BL (t)	Dimensions (mm)			Approx N.W. (kg/pc)
			Ø	D	L	
1	1	4	38	64.5	118.5	0.7
2	2	8	40	66	128	0.55

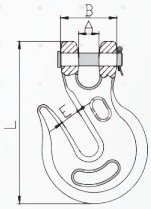
G80 CLEVIS CHOKE LINK



Maximum Proof Load is 2.5 times the WLL
Iinimum Breaking Strength is 4 times the WLL

Size (mm)	WLL (t)	BL (t)	Dimensions (mm)						Approx N.W. (kg/pc)
			A	B	D	H	K	L	
7/8 - 8	2	8	10	30	45	85	105	135	0.5
10 - 8	3.15	12.6	15	40	60	100	130	170	1

G70 U.S. TYPE CLEVIS GRAB HOOK



Minimum Breaking Strength is 4 times the WLL
Only for lashing and pulling.
Not for lifting.
Forged Alloy Steel

Size (in)	WLL (lb)	Dimensions (mm)				Approx N.W. (kg/pc)
		A	B	E	L	
5/16	4700	10	30.5	11.2	93	0.62
3/8	7100	13	35	12.7	114.5	1
1/2	12000	19	47	17	144	2.22
5/8	15800	23	56	20	177	4.41

WIRE ROPE CUTTER

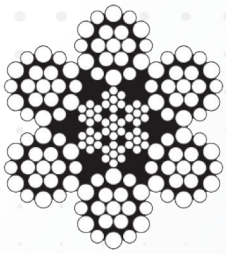
Portable Hydraulic Wire Rope Cutter
With a cutting range capacity of up to 50mm diameter.
Shear blades are manufactured using high quality steel, which is heat-treated to ensure superior performance and long-life.

Cutting Range (mm)	Blade Travel (mm)	Force exerted on handle (n)	Approx N.W. (kg/pc)
8-30	30	300	15
8-40	63	400	29
8-50	63	400	29

STEEL CORE WIRE ROPE

Galvanized & Ungalvanized
Main Applications: Lifting equipment, hoisting machinery, fish net dragging.

CONSTRUCTION



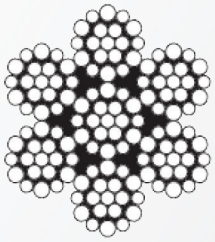
6x19+IWRC

Nominal Diameter (mm)	Minimum Breaking Strength (kN) Nominal Tensile Strength (N/mm²) 1570N/mm²	1770N/mm²	Approx N.W. (kg/100mtr)
6	18.8	21.2	13.7
8	33.4	37.6	24.4
10	52.1	58.8	38.1
12	75.1	84.6	54.9
14	102	115	74.7
16	133	150	97.5
18	169	190	123
20	208	235	152
22	252	284	184
24	300	338	219

STEEL CORE WIRE ROPE

Galvanized & Ungalvanized
Main Applications: Lifting equipment, hoisting machinery, fish net dragging.

CONSTRUCTION

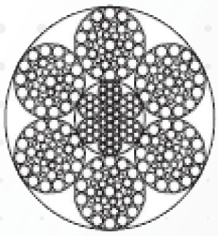


7x19

Nominal Diameter (mm)	Minimum Breaking Strength (kN) Nominal Tensile Strength (N/mm²) 1570N/mm²	1770N/mm²	Approx N.W. (kg/100mtr)
6	18.8	21.2	13.7
8	33.4	37.6	24.4
10	52.1	58.8	38.1
12	75.1	84.6	54.9
14	102	115	74.7
16	133	150	97.5
18	169	190	123
20	208	235	152
22	252	284	184
24	300	338	219

STEEL CORE WIRE ROPE

CONSTRUCTION



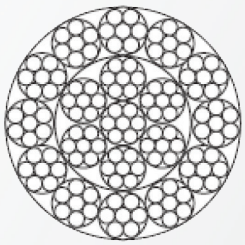
6x36WS+IWRC

Galvanized & Ungalvanized
Main Applications: Port loading & unloading, construction purposes, tower crane purposes.

Nominal Diameter (mm)	Minimum Breaking Strength (kN) Nominal Tensile Strength (N/mm²)		Approx N.W. (kg/100mtr)
	1570N/mm²	1770N/mm²	
6	20.1	22.6	15
8	35.8	40.3	26.8
10	55.9	63	41.8
12	80.5	90.7	60.2
13	94.5	106	70.6
16	143	161	107
18	181	204	135
22	271	305	202
24	322	363	241

STEEL CORE WIRE ROPE

CONSTRUCTION



19x7

RESIST ROTATING
Main Applications: Various equipment of lifting, hoisting and dragging. The rope with steel core may be used under the shock load, heated and squeezed condition.

Nominal Diameter (mm)	Minimum Breaking Strength (kN) Nominal Tensile Strength (N/mm²)		Approx N.W. (kg/100mtr)
	1570N/mm²	1770N/mm²	
6	-	20.9	14.5
8	33	37.2	25.7
10	51.5	58.1	40.2
12	74.2	83.6	57.9
14	101	114	78.8
16	132	149	103
18	167	188	130
20	206	232	161
22	249	281	195

FIBER CORE WIRE ROPE

Galvanized & Ungalvanized
Main Applications: For tugboat, cargo net, floating of wood, fish net dragging and binding.

CONSTRUCTION

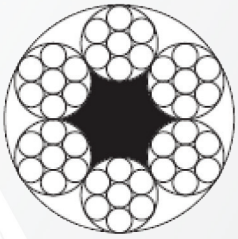
6x12+7FC

Nominal Diameter (mm)	Minimum Breaking Strength (kN) Nominal Tensile Strength (N/mm²)		Approx N.W. (kg/100mtr)
	1570N/mm²	1770N/mm²	
2	-	1.48	1
3	-	3.33	2.26
4	-	5.92	4.02
5	8.2	9.25	6.28
6	11.8	13.3	9.04
8	21	23.7	16.1
10	32.8	37	25.1
12	47.3	53.3	36.1
14	64.3	72.5	49.2
16	84	94.7	64.3
18	106	120	81.3
20	131	148	100
22	159	179	121
24	189	213	145

FIBER CORE WIRE ROPE

Galvanized & Ungalvanized
Main Applications: Various kind of cable carriage, belt conveyor ropeway, drawing, slope well winch.

CONSTRUCTION



6x7+FC

Nominal Diameter (mm)	Minimum Breaking Strength (kN) Nominal Tensile Strength (N/mm²)		Approx N.W. (kg/100mtr)
	1570N/mm²	1770N/mm²	
2	2.08	2.35	1.4
4	8.34	9.4	5.62
6	18.8	21.2	12.6
8	33.4	37.6	22.5
10	52.1	58.8	35.1
12	75.1	84.6	50.5
14	102	115	68.8
16	133	150	89.9

COATED STEEL WIRE ROPE

CONSTRUCTION

6x12+7FC PVC

PVC Coated
Main Applications: Widely used in automobiles, ship building, construction industry and all needs of outdoor applications or special working environment.

Mainly used in mine hoist cage, meat processing plant, upgrade machinery, ship anchors and fishing operations, fishing vessels trawling.

Nominal Diameter (mm)	Minimum Breaking Strength (kN) Nominal Tensile Strength (N/mm²)		Approx N.W. (kg/100mtr)
	1770N/mm²	1960N/mm²	
2-3	1.48	1.64	1.57
3-5	3.33	3.69	4.08
4-6	5.92	6.56	6.29
6-8	13.3	-	12.22
8-10	23.7	-	20.2
10-12	38.8	-	
12-14	54.2	-	

COATED STEEL WIRE ROPE

CONSTRUCTION

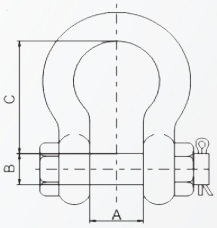
6x7+FC PVC

PVC Coated
Main Applications: Widely used in automobiles, ship building, construction industry and all needs of outdoor applications or special working environment.

Mainly used in mine hoist cage, meat processing plant, upgrade machinery, ship anchors and fishing operations, fishing vessels trawling.

Nominal Diameter (mm)	Minimum Breaking Strength (kN) Nominal Tensile Strength (N/mm²)		Approx N.W. (kg/100mtr)
	1770N/mm²	1960N/mm²	
2-3	2.35	2.6	2
3-5	5.29	5.86	5.04
4-6	9.41	10.4	8

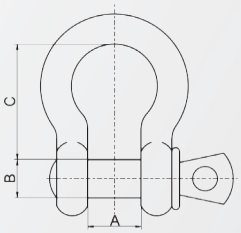
G2130 US TYPE FORGED BOLT TYPE SHACKLE



Hot-dip galvanized
Drop forged, quenched and tempered with alloy pins
Maximum Proof Load is 2.2 times the WLL
Minimum Breaking Strength is 6 times the WLL

Size (in)	WLL (t)	Dimensions (in)			Approx N.W. (kg/pc)
		A	B	C	
1/2	2	0.81	0.63	1.88	0.36
5/8	3 ¼	1.06	0.75	2.38	0.76
3/4	4 ¾	1.25	0.88	2.81	1.23
7/8	6 ½	1.44	1	3.31	1.79
1	8 ½	1.69	1.13	3.75	2.78
1 ⅛	9 ½	1.81	1.25	4.25	3.75
1 ¼	12	2.03	1.38	4.69	5.31
1 ⅜	13 ½	2.25	1.50	5.25	7.18
1 ½	17	2.38	1.63	5.75	9.43
1 ¾	25	2.88	2	7	15.38
2	35	3.25	2.25	7.75	23.70
2 ½	55	4.13	2.75	10.5	44.57
3	85	5	3.25	13	69.85
3 ½	120	5.25	3.75	14.5	120.20
4	150	5.50	4.25	14.63	153.32

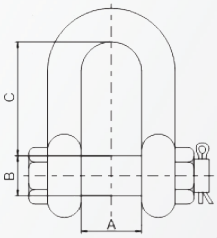
G209 US TYPE FORGED SCREW PIN ANCHOR SHACKLE



Hot-dip galvanized
Drop forged, quenched and tempered with alloy pins
Maximum Proof Load is 2.2 times the WLL
Minimum Breaking Strength is 6 times the WLL

Size (in)	WLL (t)	Dimensions (in)			Approx N.W. (kg/pc)
		A	B	C	
3/8	1	0.66	0.44	1.44	0.14
1/2	2	0.81	0.63	1.88	0.29
5/8	3 ¼	1.06	0.75	2.38	0.63
3/4	4 ¾	1.25	0.88	2.81	1.02
7/8	6 ½	1.44	1	3.31	1.53
1	8 ½	1.69	1.13	3.75	2.41
1 ⅛	9 ½	1.81	1.25	4.25	3.09
1 ¼	12	2.03	1.38	4.69	4.31
1 ⅜	13 ½	2.25	1.5	5.25	6.01
1 ½	17	2.38	1.63	5.75	7.80
1 ¾	25	2.88	2	7	13.78
2	35	3.25	2.25	7.75	20.41
2 ½	55	4.13	2.75	10.5	38.9

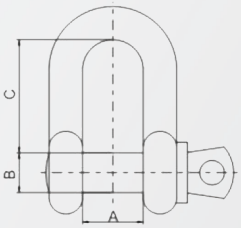
G2150 US TYPE FORGED BOLT TYPE SHACKLE



Hot-dip galvanized
Drop forged, quenched and tempered with alloy pins
Maximum Proof Load is 2.2 times the WLL
Minimum Breaking Strength is 6 times the WLL

Size (in)	WLL (t)	Dimensions (in)			Approx N.W. (kg/pc)
		A	B	C	
1/2	2	0.81	0.63	1.63	0.34
5/8	3 ¼	1.06	0.75	2	0.67
3/4	4 ¾	1.25	0.88	2.38	1.17
7/8	6 ½	1.44	1	2.81	1.75
1	8 ½	1.69	1.13	3.19	2.52
1 ⅛	9 ½	1.81	1.25	3.58	3.45
1 ¼	12	2.03	1.38	3.94	4.90
1 ¾	25	2.88	2	5.75	14.24
2 ½	55	4.13	2.75	8	38.56

G210 US TYPE FORGED SCREW PIN CHAIN SHACKLE



Hot-dip galvanized
Drop forged, quenched and tempered with alloy pins
Maximum Proof Load is 2.2 times the WLL
Minimum Breaking Strength is 6 times the WLL

Size (in)	WLL (t)	Dimensions (in)			Approx N.W. (kg/pc)
		A	B	C	
3/8	1	0.66	0.44	1.28	0.13
1/2	2	0.81	0.63	1.66	0.27
5/8	3 ¼	1.06	0.75	2.04	0.57
3/4	4 ¾	1.25	0.88	2.40	1.19
7/8	6 ½	1.44	1	2.86	1.43
1	8 ½	1.69	1.13	3.24	2.15
1 ⅛	9 ½	1.81	1.25	3.61	3.06
1 ¼	12	2.03	1.38	3.97	4.11
1 ½	17	2.38	1.63	4.84	7.23
1 ¾	25	2.88	2	5.78	12.13
2	35	3.25	2.25	6.77	19.19
2 ½	55	4.13	2.75	8.07	32.27


Eye & Eye


Eye & Jaw


Jaw & Jaw


Eye & Hook


Hook & Hook

TURNBUCKLE

A Turnbuckle is a mechanical device used to adjust the tension of a rope, cable, or chain. It consists of two threaded ends that are connected by a central barrel. By turning the barrel, the threaded ends move in opposite directions, either tightening or loosening the rope, cable, or chain.

End liftings are quenched and tempered.
Hot-dip galvanized steel.
Turnbuckle recommended for straight or in line pull only.

Turnbuckles are used in a wide variety of applications:

Construction: Turnbuckles are used to support structures, such as towers, bridges, and buildings.

Marine: Turnbuckles are used in rigging systems for boats and ships.

Industrial: Turnbuckles are used in a variety of industrial applications, such as machinery, manufacturing, and transportation.

Telecommunications: Turnbuckles are used to support antennas and other telecommunications equipment.

Size	Average Overall Length (in)	Working Load Limit (lb)		Approx N.W. (lb/pc)		
Diameter x Take-up (in)	with ends in closed position	Eye & Eye Eye & Jaw Jaw & Jaw	Hook & Hook Eye & Hook	Eye & Hook	Eye & Jaw	Jaw & Jaw
½ x 12	19 5/16	2200	1500	2.18	2.19	2.20
⅝ x 12	21 ½	3500	2250	3.25	3.5	3.75
¾ x 12	23	5200	3000	5.75	5.75	6.12
¾ x 18	29	5200	3000	7	7.25	7.25
⅞ x 18	30 ⅝	7200	4000	10.25	10.6	11.44
1 x 12	26 ⅝	10000	5000	11.25	12	12.88
1 x 18	32 ⅝	10000	5000	14	14.75	16.1
1 x 24	38 ⅝	10000	5000	17	17.75	18.6
1 ¼ x 18	35 ⅞	15200	6500	24.1	26	26.6
1 ¼ x 24	41 ⅞	15200	6500	25	28.7	31.2
1 ½ x 18	38 ⅜	21400	7500	31.2	36.4	40.7
1 ½ x 24	44 ⅜	21400	7500	38.2	44.2	47.6

*LIFMEX reserves the right to change product designs & specifications without prior notice.
**The diagram shown may contain non- standard configurations.

HYDRAULIC PRESSING MACHINE

Hydraulic Pressing Machines are essential tools in various industries, offering a powerful and versatile solution for shaping, forming, and manipulating materials under immense pressure.

Most advance technique. High strength. Pressed part properly shaped. Anti-corrosion and economical. Precise length of wire rope. Low cost and efficient. Very easy to assemble & disassemble.

It is a best equipment for steel mill, mine, railway, power station and construction sites.

Product Code		LFPM	0300
Nominal Pressure		kN	3000
Maximum Diameter in one pressure		mm	28
Maximum Diameter with multi bite pressing		mm	32
Maximum Piston Movement		mm	140
Maximum Working Movement		mm	60
Maximum Working Pressure		MPa	28
Approximate Weight		kg	2000
Overall Size (L x W x H)		m	1.95 x 0.95 x 1.5
Volume of Oil Tank		L	120
First time theory Storage Volume		L	80
Motor	Voltage	V	380
	Power	kW	5.5
	Frequency	Hz	50
Hydraulic Pump	Rated pressure	MPa	31.5
	Nominal flow	L/min	25
Speed of Piston	Up	mm/s	5.3
	Down	mm/s	8.8
Dies allocation	GB straight aluminum ferrule	#	10-32
	GB taper aluminum joint	#	10-32
	DIN straight aluminum joint	#	10-26
	DIN taper aluminum joint	#	10-26
	W902 conical steel ferrule	#	10-26