



# LIFTING EQUIPMENTS CATALOGUE

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# LIFTING TOOLS

## MANUAL CHAIN HOIST

( tons )	( m )	Diameter ( mm )	( kg )
0.5 T	2.5	6	10.0
1 T	2.5	6	11.5
1.5 T	2.5	8	15.5
2 T	3	8	17.0
3 T	3	8	25.0
5 T	3	10	35.5
10 T	3	10	87.5
20 T	3	10	181.0



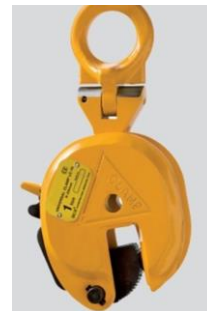
## CHAIN LEVER

Capacity ( tons )	Standard Lift ( m )	Load Chain Diameter ( mm )	Net Weight ( kg )
0.75 T	1.5	6	6.5
1 T	1.5	6	7.0
1.5 T	1.5	8	7.8
3 T	1.5	8	21.5
6 T	1.5	10	32.0



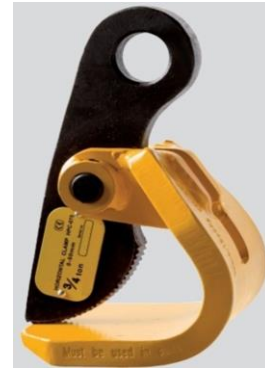
## VERTICAL LIFTING CLAMP

Capacity ( tons )	Clamp opening ( mm )	Net Weight ( kg )
1 T	0 - 20	4.8
2 T	0 - 25	5.5
3 T	0 - 30	9.5
5 T	0 - 50	12.0



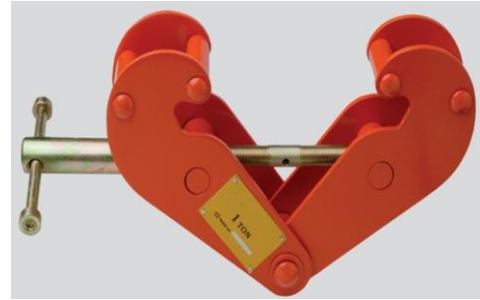
## HORIZONTAL LIFTING CLAMP

Capacity ( tons )	Clamp opening ( mm )	Net Weight ( kg )
1.5 T	0 - 50	7.0
2.5 T	0 - 60	14.0



## BEAM CLAMP

Capacity ( tons )	Clamp opening ( mm )	Net Weight ( kg )
1 T	70 - 230	4.8
2 T	70 - 230	5.5
3 T	80 - 320	9.5
5 T	90 - 320	12.0



## WIRE ROPE PULLING HOIST

Capacity ( tons )	Net Weight ( kg )
0.8 T	6.0
1.6 T	11.0
3.2 T	21.5



## BEAM SLIDING CLAMP

Capacity ( tons )	Height ( mm )	Net Weight ( kg )
1 T	3.0	18.0
2 T	3.0	26.0
3 T	3.0	40.0
5 T	3.0	53.0



# RIGGING & ACCESSORIES

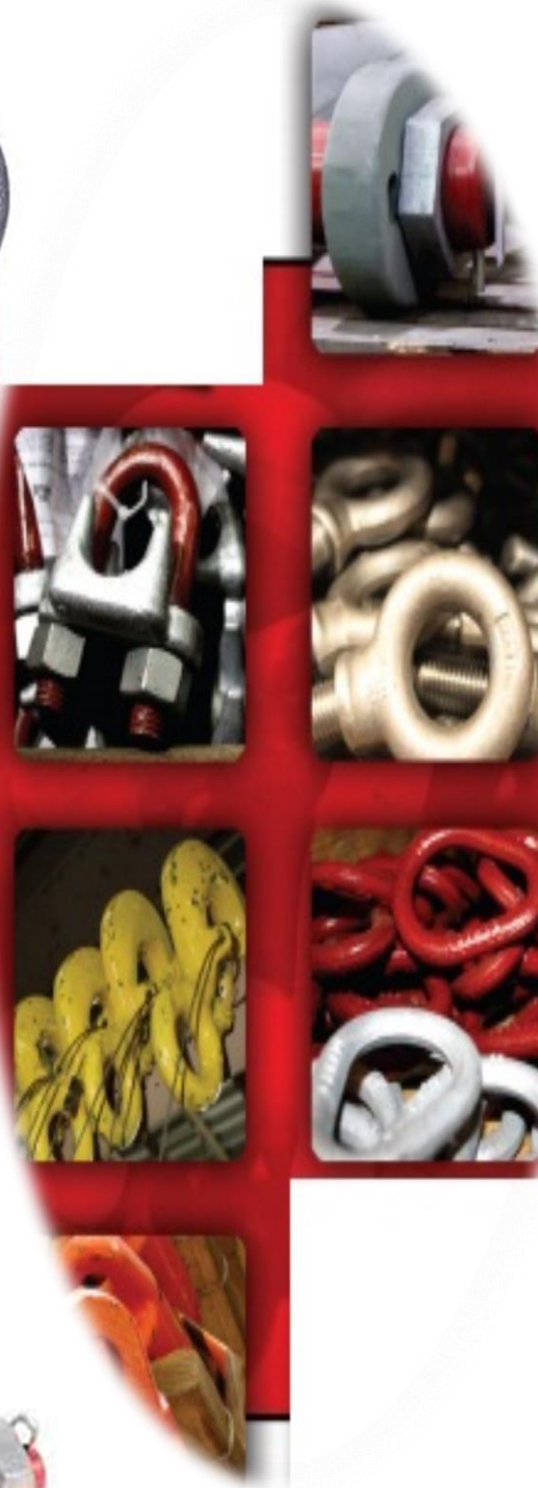
## SCREW PIN – ANCHOUR SHACKLE

WLL ( ton )	Pin Diameter ( inch )	Net Weight ( kg )
0.5 T	5/16	0.05
0.75 T	3/8	0.09
1 T	7/16	0.14
1.5 T	1/2	0.17
2 T	5/8	0.33
3.25 T	3 4	0.62
4.75 T	7/8	1.07
6.5 T	1	1.64
8.5 T	1-1/8	2.28
9.5 T	1-1/4	3.36
12 T	1-3/8	4.3
17 T	1-3/4	7.80
25 T	2	12.6
35 T	2-1/4	20.4
55 T	2-3/4	38.9



## BOLT & NUT ANCHOUR SHACKLE

WLL ( ton )	Pin Diameter ( mm )	Net Weight ( kg )
2 T	5/8	0.36
3.25 T	3 4	0.62
4.75 T	7/8	1.23
6.5 T	1	1.79
8.5 T	1-1/8	2.28
9.5 T	1-1/4	3.75
12 T	1-3/8	5.31
17 T	1-3/4	8.62
25 T	2	15.4
35 T	2-1/4	23.7
55 T	2-3/4	44.6



## SCREW PIN – CHAIN SHACKLE

WLL ( ton )	Pin Diameter ( mm )	Net Weight ( kg )
2 T	5/8	0.27
3.25 T	3 4	0.57
4.75 T	7/8	1.20
6.5 T	1	1.43
8.5 T	1-1/8	2.15
9.5 T	1-1/4	3.06
12 T	1-3/8	4.11
17 T	1-3/4	7.23
25 T	2	12.1
35 T	2-1/4	19.1
55 T	2-3/4	32.5



## BOLT & NUT CHAIN SHACKLE

WLL ( ton )	Pin Diameter ( mm )	Net Weight ( kg )
2 T	5/8	0.34
3.25 T	3 4	0.67
4.75 T	7/8	1.14
6.5 T	1	1.74
8.5 T	1-1/8	2.52
9.5 T	1-1/4	3.45
12 T	1-3/8	4.90
17 T	1-3/4	8.39
25 T	2	14.2
35 T	2-1/4	21.2
55 T	2-3/4	38.6



## EYE HOOK WITH LATCH

Alloy steel WLL (ton)	Net Weight ( kg )
1 T	0.28
1.5 T	0.42
2 T	0.65
3 T	0.90
4.5 T	1.84
7 T	3.56
11 T	6.70
15 T	8.92
30 T	26.2



## SWIVEL HOOK WITH LATCH

WLL ( ton )	Net Weight ( kg )
2 T	1.13
3 T	1.72
5 T	3.17
7 T	6.35
11 T	10.1
15 T	16.3



## CONNECTING LINK

WLL ( ton )	Chain Diameter ( mm )	Net Weight ( kg )
1 T	6	0.12
2.1 T	8	0.16
3.2 T	10	0.34
5.3 T	13	0.73
8 T	16	1.30
10 T	18-20	2.26
15 T	22	3.41



## SELF-LOCK EYE HOOK

WLL ( ton )	Chain Diameter ( mm )	Net Weight ( kg )
1 T	6	0.39
2.1 T	8	0.92
3.2 T	10	1.54
5.3 T	13	2.72
8 T	16	6.93
10 T	18-20	9.61
15 T	22	12.7



## SELF-LOCK CLEVIS HOOK

WLL ( ton )	Chain Diameter ( mm )	Net Weight ( kg )
1 T	6	0.39
2.1 T	8	0.92
3.2 T	10	1.54
5.3 T	13	2.72
8 T	16	6.93
10 T	18-20	9.61
15 T	22	12.7



## DROP FORGED WIRE ROPE CLIPS

Wire rope Diameter ( mm )	Sizes in (inch)	Net Weight per 100 ( kg )	Wire rope Diameter ( mm )	Sizes in (inch)	Net Weight per 100 ( kg )
3-4	1/8	2.72	22	7/8	19.1
6	1/4	4.54	24-26	1	19.9
8	5/16	8.62	28-30	1-1/8	20.2
10	3/8	12.7	32	1-1/4	23.2
12-13	1/2	13.1	34	1-5/16	23.3
14	9/16	14.2	36	1-1/2	24.0
16	5/8	14.2	38-40	1-3/4	25.4
18-20	3/4	15.7	50-54	2	32.2



## LEVER AND RATCHED LOAD BINDER

Size (Inch)	WLL ( lbs )	Chain Diameter ( Inch )	Net Weight ( kg )
5/16-3/8	5400	7-10	0.39
3/8-1/2	9200	10-13	0.92
1/2-5/8	13000	13-16	1.54



## ASSEMBLY MASTER LINK & OBLONG MASTER

Size in ( Inch )	Size in (Inch )
7/8	2
1	2-1/4
1-1/8	2-1/2
1-1/4	2-3/4
1-1/2	3
1-3/4	4



## HEAVY THIMBLE & COMERIAL TIMBLE

Size in ( Inch )	Size in (Inch )
5/8 - 7/8	1-1/2
1	1-3/4
1-1/8	2- 2-1/2
1-1/4	2-1/2 - 3



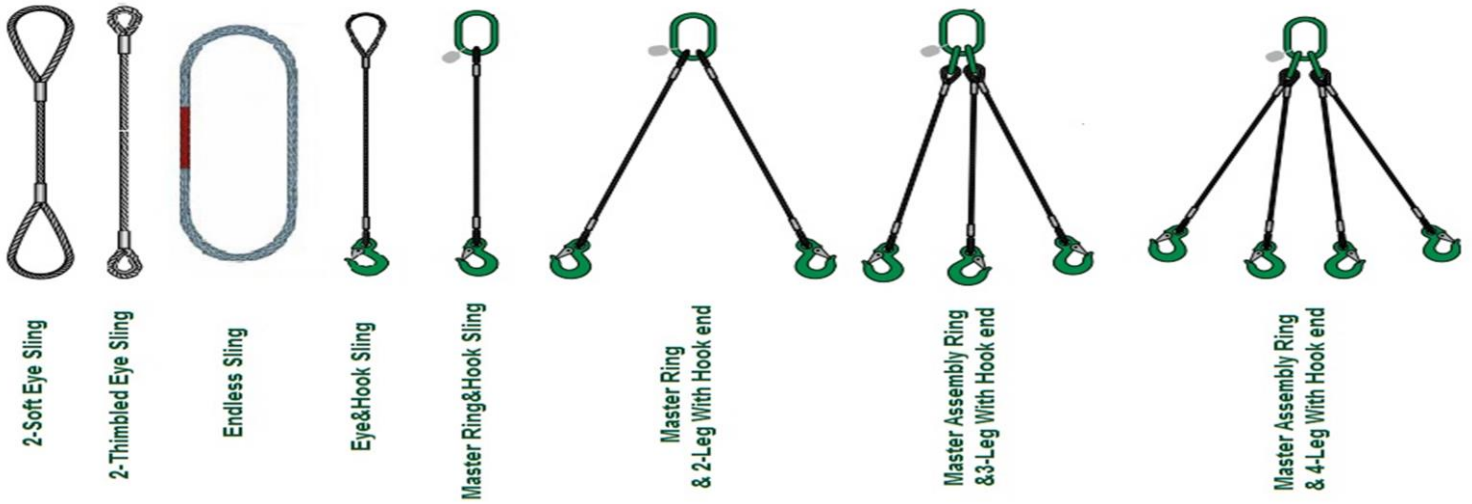
## OPEN & CLOSED

## SOCKETS




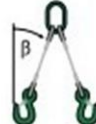
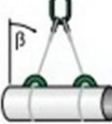
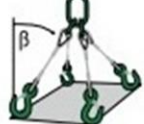



# LIFTING EQUIPMENT

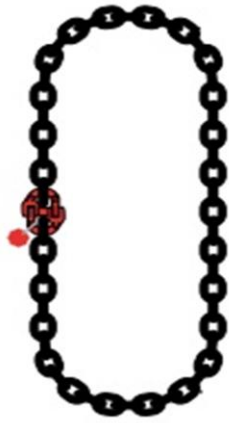
## STEEL WIRE ROPE SLING



### Working load limit of steel wire rope sling

Dia - Ø	1 - Sling		2 - sling				3 - 4 ( sling )		endless choker
	direct	choker	direct	choker		direct			
									
	Angle $\beta$								
[mm]	0°	0°	45°	45° - 60°	45°	45° - 60°	45°	45° - 60°	0°
8	700	560	950	700	770	560	1.500	1.050	1.100
10	1.050	840	1.500	1.050	1.150	840	2.250	1.600	1.700
12	1.550	1.240	2.120	1.550	1.700	1.240	3.300	2.300	2.500
14	2.120	1.690	3.000	2.120	2.330	1.690	4.350	3.150	3.300
16	2.700	2.150	3.850	2.700	2.950	2.150	5.650	4.200	4.350
18	3.400	2.700	4.800	3.400	3.700	2.700	7.200	5.200	5.650
20	4.350	3.450	6.000	4.350	4.750	3.450	9.000	6.500	6.900
22	5.200	4.100	7.200	5.200	5.700	4.100	11.000	7.800	8.400
24	6.300	5.000	8.800	6.300	6.900	5.000	13.500	9.400	10.000
26	7.200	5.700	10.000	7.200	7.900	5.700	15.000	11.000	11.800
28	8.400	6.700	11.800	8.400	9.200	6.700	18.000	12.500	13.500
32	11.000	8.500	15.000	11.000	12.000	8.500	23.500	16.500	18.000
36	14.000	11.000	19.000	14.000	15.000	11.000	29.000	21.000	22.500
Safety factor	1,0	0,8	1,4	1,0	1,12	0,8	2,1	1,5	1,6

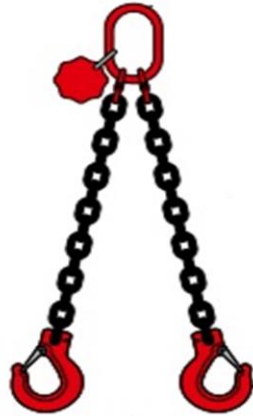
# G- 80 Chain SLING



Endless Chain Sling



1 - Leg Chain Sling



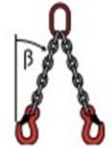
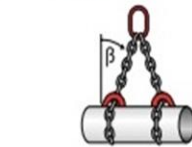
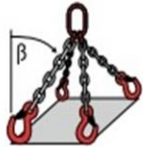



2 - Leg Chain Sling



4 - Leg Chain Sling

Working Loag Limit of Chain Sling

diameter [mm]	1 - sling		2 - sling				3 - 4 sling direct		choker
	direct	choker	direct		choker		direct		
									
	Angle $\beta$								
	0°	0°	0° - 45°	45° - 60°	0° - 45°	45° - 60°	0° - 45°	45° - 60°	0°
6	1.120	900	1.600	1.120	1.250	900	2.360	1.700	1.800
8	2.000	1.600	2.800	2.000	2.240	1.600	4.250	3.000	3.150
10	3.150	2.500	4.250	3.150	3.550	2.500	6.700	4.750	5.000
13	5.300	4.250	7.500	5.300	5.600	4.250	11.200	8.000	8.500
16	8.000	6.300	11.200	8.000	9.000	6.300	17.000	11.800	12.500
18	10.000	8.000	14.000	10.000	11.200	8.000	21.200	15.000	16.000
19	11.200	9.000	16.000	11.200	12.500	9.000	23.600	17.000	18.000
20	12.500	10.000	17.000	12.500	14.000	10.000	26.500	19.000	20.000
22	15.000	11.800	21.200	15.000	17.000	11.800	31.500	22.400	23.600
26	21.200	17.000	30.000	21.200	23.600	17.000	45.000	31.500	33.500

# FLAT & ROUND WEBBING SLING



Working load limit of webbing sling

	Flat Webbing Sling				2 - Flat Webbing Sling						
	direct	choker			direct	choker					
	Round Webbing Sling				2 - Round Webbing Sling						
Colour	Angle $\beta^*$										
	0°	0°	0°	0° - 45°	45° - 60°	0° - 45°	45° - 60°	0° - 45°	45° - 60°	0° - 45°	45° - 60°
	1.000	800	2.000	1.400	1.000	700	500	1.400	1.000	1.120	800
	2.000	1.600	4.000	2.800	2.000	1.400	1.000	2.800	2.000	2.240	1.600
	3.000	2.400	6.000	4.200	3.000	2.100	1.500	4.200	3.000	3.360	2.400
	4.000	3.200	8.000	5.600	4.000	2.800	2.000	5.600	4.000	4.480	3.200
	5.000	4.000	10.000	7.000	5.000	3.500	2.500	7.000	5.000	5.600	4.000
	6.000	4.800	12.000	8.400	6.000	4.200	3.000	8.400	6.000	6.720	4.800
	8.000	6.400	16.000	11.200	8.000	5.600	4.000	11.200	8.000	8.960	6.400
	10.000	8.000	20.000	14.000	10.000	7.000	5.000	14.000	10.000	11.200	8.000
	12.000	9.600	24.000	16.800	12.000	8.400	6.000	16.800	12.000	13.440	9.600
	20.000	16.000	40.000	28.000	20.000	14.000	10.000	28.000	20.000	22.400	16.000
safety factor	1,0	0,8	2,0	1,4	1,0	0,7	0,5	1,4	1,0	1,1	0,8



## **EL MOHNDES FOR MARINE EQ.**

- **ADD: 1 Habrooty Str, Kornish El Nile , Front of gas Misr Co.**
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