



INDUSTRIAL SERVICES cc.

## LIFTING TACKLE

REG NO: 2022/561321/07

LME 176

LMI 2009120024

LMI 201312012

VAT NO: 4480188509

5 VAN ZYL STREET  
WORKSHOP 8  
WITBANK  
1035

P.O. BOX 794  
RIVER CRESCENT  
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# LIFTING & RIGGING PRODUCT CATALOGUE

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TEL NO: 061 332 1224

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## **ABOUT GTB INDUSTRIAL SERVICES (PTY) LTD**

### **LIFTING EQUIPMENT**

Although GTB Industrial Services – Lifting Tackle is still a new branch of GTB Industrial Services we have more than 20 years experience in lifting equipment.

We are currently situated at 5 Van Zyl Street, Workshop 8 Witbank.

GTB Industrial Services – Lifting Tackle specializes in the repair, load testing, inspection, and sales of all types of lifting equipment. As experts in the field of lifting we offer all technical support to all types of industry.

Our goal is to exceed the expectations of all customers by offering outstanding service and value, with the support of our suppliers and manufacturers, who share the same commitment as ourselves within the lifting industry.

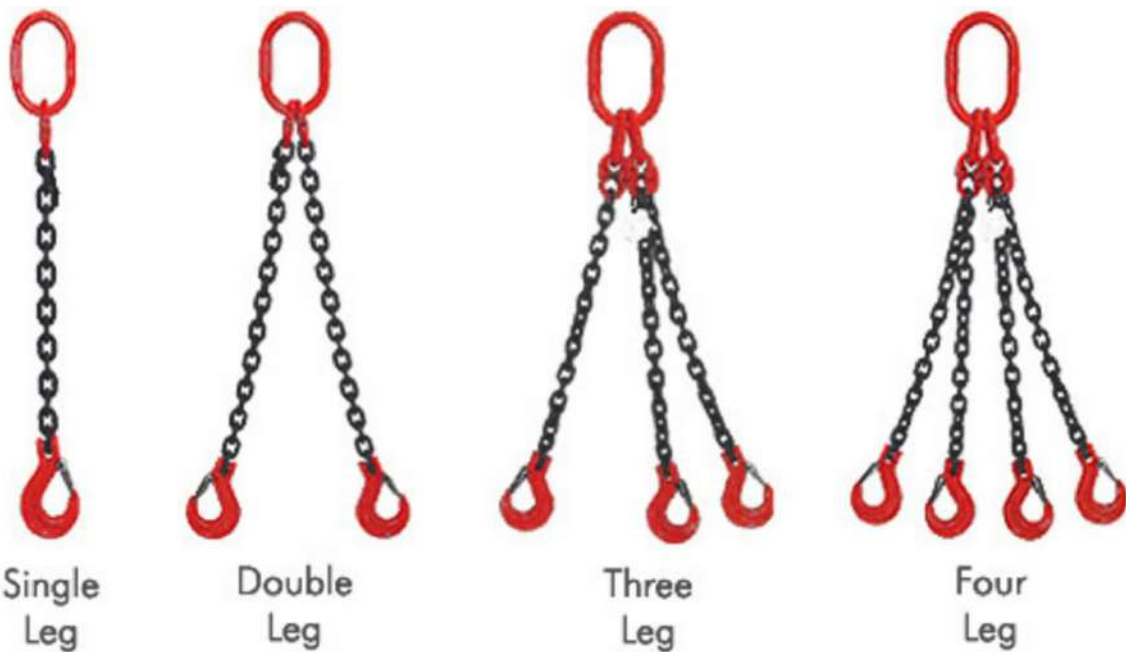
We would like to take this opportunity to assure you of our continuous attention to improve quality & service delivery.

## CHAIN SLINGS

### SAFE WORKING LOAD ON GRADE 80 CHAIN SLING

CHAIN SIZE	1 LEG	2 LEG			3 & 4 LEG		
		60°	90°	120°	60°	90°	120°
7mm	1.50	2.55	2.10	1.50	3.80	3.15	2.25
10mm	3.15	5.36	4.41	3.15	7.98	6.62	4.73
13mm	5.30	9.01	7.42	5.30	13.48	11.13	7.95
16mm	8.00	13.60	11.20	8.00	20.27	16.80	12.00
20mm	12.5	21.25	17.50	12.50	31.67	26.25	18.75
22mm	15.00	25.50	21.00	15.00	38.00	31.50	22.50
26mm	21.20	36.04	29.68	21.20	53.71	44.52	31.80
32mm	31.50	53.55	44.10	31.50	79.80	66.15	47.25

SAFETY FACTOR 4:1



## AVAILABLE FITTINGS



**CLEVIS GRAB HOOK**



**CLEVIS SELF-LOCKING HOOK**



**CLEVIS SLING HOOK**



**SINGLE MASTER LINK**



**SUB ASSEMBLY**



**EYE GRAB HOOK**



**EYE SELF-LOCKING HOOK**



**EYE SLING HOOK**



**CONTAINER LIFTING LUG**



**CONNECTING LINK**

## WIRE ROPE SLING

### SAFE WORKING LOADS IN KG

ROPE DIAMETER mm	STANDARD SOFT EYE SIZES	SINGLE LET AT 0°	DOUBLE LEG AT 60°	DOUBLE LEG AT 90°	DOUBLE LEG AT 120°
6	100	300	510	420	300
8	100	600	1020	840	600
10	150	1000	1700	1400	1000
13	200	1500	2550	2100	1500
16	250	2000	3400	2800	2000
19	350	3000	5100	4200	3000
22	350	4000	6800	5600	4000
26	400	6000	10200	8400	6000
28	450	8000	13600	11200	8000
32	600	10000	17000	14000	10000
38	750	14600	24820	20440	14600
44	900	19500	33150	27300	19500
50	1000	25200	42840	35280	25200
56	1200	32000	54400	44800	32000

SAFETY FACTOR 6:1

6 X 36 FIBRE CORE UNGALVANISED OR GALVANISED



- SOFT EYE
- THIMBLE EYE
- SUPERLOOP











## ENDLESS ROUND SLING

			WORKING LOAD LIMIT IN Kgs						
			STRAIGHT LIFT	CHOKED LIFT	LIFTING AT AN ANGLE $\beta$				
					0°-7°	7°-45°	45°-60°	Up to 45°	45°-60°
REF. NO. (1-Ply)	COLOR	W.L.L. (Kgs)	1.0	0.8	2.0	1.4	1.0	0.7	0.5
LCS01		1,000	1,000	800	2,000	1,400	1,000	700	500
LCS02		2,000	2,000	1,600	4,000	2,800	2,000	1,400	1,000
LCS03		3,000	3,000	2,400	6,000	4,200	3,000	2,100	1,500
LCS04		4,000	4,000	3,200	8,000	5,600	4,000	2,800	2,000
LCS05		5,000	5,000	4,000	10,000	7,000	5,000	3,500	2,500
LCS06		6,000	6,000	4,800	12,000	8,400	6,000	4,200	3,000
LCS08		8,000	8,000	6,400	16,000	11,200	8,000	5,600	4,000
LCS10		10,000	10,000	8,000	20,000	14,000	10,000	7,000	5,000
LCS12		12,000	12,000	9,600	24,000	16,800	12,000	8,400	6,000

SAFETY FACTOR 7:1



## FLAT WEBBING SLING

			QUADRUPLEX WEBBING SLINGS CAPACITY IN KGS								
			WLL kg with one webbing sling					WLL kg with two webbing sling			
			Straight lift	Choke Hitch	Basket Hitch			Straight Inclination		Choke Inclination	
up to 7°	7° - 45°	45° - 60°			7° - 45°	45° - 60°	7° - 45°	45° - 60°			
ITEM CODE	WIDTH	COLOUR CODE									
MODE FACTOR			M=1.0	M=0.8	M=2	M=1.4	M=1.0	M=1.4	M=1.0	M=1.12	M=0.8
FQP-2000	25	VIOLET	2000	1600	4000	2800	2000	2800	2000	2240	1600
FQP-4000	50	GREEN	4000	3200	8000	5600	4000	5600	4000	4480	3200
FQP-6000	75	YELLOW	6000	4800	12000	8400	6000	8400	6000	6720	4800
FQP-8000	100	GREY	8000	6400	16000	11200	8000	11200	8000	8960	6400
FQP-10000	125	RED	10000	8000	20000	14000	10000	14000	10000	11200	8000
FQP-12000	150	BROWN	12000	9600	24000	16800	12000	16800	12000	13440	9600
FQP-16000	200	BLUE	16000	12800	32000	22400	16000	22400	16000	17920	12800
FQP-20000	250	ORANGE	20000	16000	40000	28000	20000	28000	20000	22400	16000
FQP-24000	300	ORANGE	24000	19200	48000	33600	24000	33600	24000	26880	19200

SAFETY FACTOR 7:1



## **CHAIN BLOCK**

SAFETY FACTOR 4:1



- YALE CHAIN BLOCK
- NITCHI CHAIN BLOCK
- TSALA CHAIN BLOCK
- ILULA CHAIN BLOCK
- KNIGHT CHAIN BLOCK
- GIANT CHAIN BLOCK
- UNILIFT CHAIN BLOCK
- TUSKER CHAIN BLOCK
- ELEPHANT CHAIN BLOCK
- DONSA CHAIN BLOCK
- TITAN TUFF CHAIN BLOCK

**We specialize in the repair, load testing, certification, and the supply of all types of new Chain Blocks.**

## **LEVER HOIST**

SAFETY FACTOR 4:1



- YALE LEVER HOIST
- NITCHI LEVER HOIST
- TSALA LEVER HOIST
- ILULA LEVER HOIST
- KNIGHT LEVER HOIST
- GIANT LEVER HOIST
- UNILIFT LEVER HOIST
- TUSKER LEVER HOIST
- ELEPHANT LEVER HOIST
- DONSA LEVER HOIST

**We specialize in the repair, load testing, certification, and the supply of all types of new Lever Hoists.**



## **WIRE ROPE WINCH**



- **MAXIWINCH TIRFOR**
- **DONSA T7 TIRFOR**
- **GIANT TIRFOR**
- **TITAN TIRFOR**
- **GRIPHOIST TU 40 TIRFOR**
- **TRILIC TIRFOR**

**We specialize in the repair, load testing, certification, and the supply of all types of new Wire Rope Winches.**

**We also supply Tirfor Rope in all tannages and meters you may require.**



## JACKS

- BOTTLE JACK



- PALLET JACK



- TROLLEY JACK



- **GEARBOX JACK**



- **STACKER JACK**



## TRESTLES & STANDS



PIN TYPE TRESTLE



STAND



MINING TRESTLE



RATCHET TRESTLE

- WE MANUFACTURE TRESTLES TO YOUR SPECIFICATIONS
- INCLUDING DRAWINGS



TRESTLE STAND

## FALL ARRESTOR BLOCKS

MODEL	DIA. OF ROPE/ WEBBING (mm)	LENGTH OF ROPE (m)	MAX. STOPPING DISTANCE (m)	WEIGHT (KG)
HB-6N	25*	6	1.2	1.6
HB-10	4	10	1.5	4.6
HB-15	4	15	1.5	6.6
HB-20	4	20	1.5	8.6




**HARU®**



## IRON MAN




## SAFETY HARNESSSES



# IRON MAN®

## FULL BODY HARNESS




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**SPARTAN**

- Full body harness without waist belt.
- Double leg lanyard with shock absorbing element and scaffold hooks.
- SANS 50354, 50355 and 50361.

SEE PAGE 18 FOR HOOK / CONNECTOR OPTIONS




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**SPARTAN PLUS**

- Full body harness with waist belt and lumbar support.
- Double leg lanyard with shock absorbing element and scaffold hooks.
- SANS 50354, 50355 and 50361.

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**CONSTRUCTION 10 HARNESS**

- Full body harness with padded shoulder and leg straps.
- Standing step-in strap in pouch on leg strap.
- Attachment points on back and chest.
- Supplied with double leg shock absorbing lanyard with scaffold hooks.
- Supplied with restraint lanyard.
- SANS 50354, 50355 and 50361.



# IRON MAN<sup>®</sup>

## FULL BODY HARNESS

### MINETEC 300 / 400 / 450 / 500



#### MINETEC 300

- Full body harness with padded shoulders and a kidney support - **leg straps with no padding.**
- 3 x Attachment points - 2 x front and 1 x back.
- D-ring on chest strap for rescue.
- Supplied with detachable double leg shock absorbing lanyard with scaffold hooks.
- Standing step-up strap in pouch on waist belt.
- SANS 50354, 50355 and 50361.



#### MINETEC 400

- Full body harness with **padded shoulder and leg straps** and a kidney support.
- 3 x Attachment points - 2 x front and 1 x back.
- D-ring on chest strap for rescue.
- Supplied with detachable double leg shock absorbing lanyard with scaffold hooks.
- Standing step-up strap in pouch on waist belt.
- SANS 50354, 50355 and 50361.

#### MINETEC 450

- Full body harness with **padded shoulder and leg straps**, a kidney support and a **double battery strap** on waist belt.
- 3 x Attachment points - 2 x front and 1 x back.
- D-ring on chest strap for rescue.
- Supplied with detachable double leg shock absorbing lanyard with scaffold hooks.
- Standing step-up strap in pouch on waist belt.
- SANS 50354, 50355 and 50361.



#### MINETEC 500

- Full body harness with **padded shoulder and leg straps, quick release buckles** and a kidney support.
- 3 x Attachment points - 2 x front and 1 x back.
- D-ring on chest strap for rescue.
- Supplied with detachable double leg shock absorbing lanyard with scaffold hooks.
- Standing step-up strap in pouch on waist belt.
- SANS 50354, 50355 and 50361.



## IRON MAN<sup>®</sup> FULL BODY HARNESS



### KEVLAR<sup>®</sup>

- Full body harness without waist belt.
- Supplied with webbing lanyard with shock absorbing element and scaffold hooks.
- Lanyard length (including shock absorbing element), is a maximum of 1,75m.
- High tensile strength, spark resistant webbing.
- SANS 50354, 50355 and 50361.

### ROPE ACCESS

- Full body, comfort-fit, harness without lanyard.
- Padded shoulder, leg and kidney support.
- 2 x Attachment points - 1 x chest and 1 x back.
- Work positioning attachment points on hips.
- SANS 50358 and 50361.



### TRANS-TEC PLUS

- Full body harness with padded shoulder, leg and kidney support.
- 3 x Attachment points - 2 x front and 1 x back.
- Work positioning attachment points on hips.
- Aluminium hardware.
- Quick release buckles.
- SANS 50358 and 50361.





# IRON MAN®

## RESCUE ASSISTED KIT (PN661)



**The Rescue Kit consists of:**

- 1 50m x 11mm kernmantle rope (PN950K).
- 2 Universal deluxe kit bag (BG20).
- 3 Rope clamp - right or left (PN402).
- 4 Aluminium double pulley double side attachment (AP013).
- 5 Steel quarter turn-locking carabiner (PN113).
- 6 Anchorage webbing sling (PN803).

**RESCUE POLE - PN821(N)**

- Used as an extension to rescue a fall victim without descending to the victim for rescue.
- Material: Carbon Fibre
- Maximum Length: 3m
- Minimum Length: 0,75m
- Weight: 900g

**ALUMINIUM REBAR HOOK - PN136**

- Material: Aluminium
- Opening: 60mm
- Minimum Breakage Strength: 23kN
- Weight: 480g
- Finish: Natural Silver / Coloured Anodized
- EN 362:2004, Class A and EN 795:2012, Type B.



# IRON MAN®

## POWERLINES FALL ARREST KIT (D12700)



**The Fall Arrest Kit consists of:**

- Full body harness with aluminium hardware and 4 x attachment points.
- Anti-Static and Flame Retardant Webbing.
- 1,75m Double leg webbing lanyard including shock absorbing element, 1 x carabiner and 2 x scaffold hooks for fall arrest.
- 2m Adjustable webbing lanyard for work positioning.
- 2 x Attachment straps.
- 12mm Nylon Rope Work Positioning Lanyard.
- Hold-all bag.



**HD / Powerlines Harness**

- Full body harness with aluminium hardware.
- Anti-Static and Flame Retardant Webbing.
- Padded kidney support permanently attached.
- 2 x Attachment points:
  - 1 x between shoulder blades;
  - 1 x on chest.
- Work positioning attachment points on hips.
- SANS 50358 and 50361.



**2 x Webbing Attachment Straps**

- 1.75m Pull to pull.
- SANS 50566 and 50795.



**12mm Nylon Rope Work Positioning Lanyard**

- (a) Carabiner (PN160);
- (b) Stainless steel twist lock carabiner with captive pin;
- (c) Length: 2m;
- (d) Guided Type Fall Arrester S-2191iSS;
- (e) SANS 50354 and 50358.

**1.75m Webbing Lanyard including:**

- (a) Shock absorbing element;
- (b) Carabiner (PN160) for attachment to harness;
- (c) 2 x Scaffold hooks S-979 - Aluminium;
- (d) SANS 50354 and 50355.



**2m Adjustable Work Positioning Webbing Lanyard**

- 2 x Aluminium alloy carabiners (PN160) with twist lock and dedicated eye.
- SANS 50354 and 50358.



# IRON MAN®

## LIVE LINE FALL ARREST KIT (D12701)



**The Live Line Fall Arrest Kit consists of:**

- Full body harness with aluminium hardware and 4 x attachment points.
- Anti-Static and Flame Retardant Webbing.
- 1,75m Adjustable double leg webbing lanyard including shock absorbing element, 1 x carabiner and 2 x scaffold hooks for fall arrest.
- 1,75m Adjustable single leg webbing lanyard including shock absorbing element, 1 x carabiner and 1 x scaffold hook for fall arrest.
- 2m Adjustable webbing lanyard for work positioning.
- 2 x Attachment straps.
- 12mm Nylon Rope Work Positioning Lanyard.
- Hold-all bag.



**HD / Live Line Harness**

- Full body harness with aluminium hardware.
- Anti-Static and Flame Retardant Webbing.
- Padded kidney support permanently attached.
- 2 x Attachment points:
  - 1 x between shoulder blades;
  - 1 x on chest.
- Work positioning attachment points on hips.
- SANS 50358 and 50361.

**2 x Webbing Attachment Straps**

- 1,75m Pull to pull.
- SANS 50566 and 50795.



**12mm Nylon Rope Work Positioning Lanyard**

- (a) Carabiner (PN160);
- (b) Stainless steel twist lock carabiner with captive pin;
- (c) Length: 2m;
- (d) Guided Type Fall Arrester S-2191ISS;
- (e) SANS 50354 and 50358.



**1,75m Double Leg Webbing Lanyard including:**

- (a) Shock absorbing element;
- (b) Carabiner (PN160) for attachment to harness;
- (c) 2 x Scaffold hooks, S-979 - Aluminium;
- (d) SANS 50354 and 50355.

**1,75m Single Leg Webbing Lanyard including:**

- (a) Shock absorbing element;
- (b) Carabiner (PN160) for attachment to harness;
- (c) Scaffold hook, S-979 - Aluminium;
- (d) SANS 50354 and 50355.



**2m Adjustable Work Positioning Webbing Lanyard**

- 2 x Aluminium alloy carabiners (PN160) with twist lock and dedicated eye.
- SANS 50354 and 50358.



# Eskom

## RESCUE EQUIPMENT



### RESCUE SYSTEM (D12703)

The Rescue Kit consists of:

- 1 20m or 30m x 11mm static rope.
- 2 1,5m Anchor strap (SANS 50566 and 50795).
- 3 Red hold-all bag.
- 4 Knife.
- 5 Descending Device (EN 341).
- 6 1 x Stainless steel carabiner with captive pin (SANS 50362).



### FAS RESCUE KIT (D12704)

The Rescue Kit consists of:

- 1 20m or 30m x 11mm static rope.
- 2 1,5m Anchor strap (SANS 50566 and 50795).
- 3 Red hold-all bag.
- 4 Knife.
- 5 Descending Device (EN 341).
- 6 1 x Stainless steel carabiner with captive pin (EN 362).
- 7 Stirrup line.





# Eskom

RESCUE EQUIPMENT



## ROPE GRAB SYSTEM (D12707)

The Rescue Kit consists of:

- 1 20m or 30m x 11mm static rope.
- 2 Remote pylon hook (EN 362).
- 3 Black hold-all bag.
- 4 Openable rope grab blocker (RG07).
- 5 1 x Stainless steel carabiner with captive pin (EN 362).



## LIFTING ATTACHEMENTS

### DRUM LIFTERS



VERTICAL  
SAFETY FACTOR 4:1



HORIZONTAL  
S.W.L 0.5 TON



RING TYPE

### FORKLIFT ATTACHMENT



SINGLE  
SAFETY FACTOR 4:1



DOUBLE

### LIFTING MAGNET



SAFETY FACTOR 3.5:1

## BEAM CLAMP



### AVAILABLE IN:

- 1 TON
- 2 TON
- 3 TON
- 5 TON
- 10 TON

SAFETY FACTOR 4:1

## CRAWLS

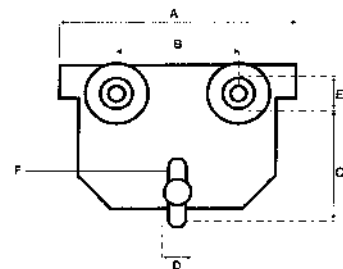
SPECIFICATION		CAPACITY					
		½ TON	1 TON	2 TON	3 TON	5 TON	
A	OVERALL LENGH	198mm	245mm	277mm	330mm	380mm	
B	DISTANCE BETWEEN	100mm	120mm	130mm	160mm	170mm	
C	DISTANCE BETWEEN	80mm	105mm	125mm	150mm	160mm	
D	SHAFT DIAMETER	24mm	30mm	36mm	41mm	47mm	
E	LOAD WHEEL	55mm	67mm	80mm	10mm	110mm	
F	INTERNAL WIDTH & HEIGHT OF	24x30mm	30x35mm	40x47mm	44x57mm	60x64mm	
1	SIDE PLATE THICKNESS	6mm	8mm	10mm	12mm	16mm	
2	WEIGHT	PLAIN	5kg	9kg	14.5kg	23.5kg	36.5kg
		GEARED	-	10kg	15.5kg	25kg	38.5kg
3	TO FIT BEAM WIDTH	MINIMUM	50mm	58mm	66mm	74mm	90mm
		MAXIMUM	220mm	220m	220mm	220mm	220mm
4	MINIMUM RADIUS	1.3M	1.3M	1.5M	2M	2.5M	



PLAIN CRAWL



GEARED CRAWL



DIMENTIONS

## PLATE GRAB

### VERTICAL

CAPACITY (kg)	JAW OPENING (mm)	EYE DIAMETER (mm)	NET WEIGHT (kg)
1000	0 - 22	48	4
2000	0 - 30	57	6
3000	0 - 35	59	9
5000	5 - 45	64	17
8000	5 - 55	64	26



SAFETY FACTOT 4:1

### HORIZONTAL

CAPACITY (kg)	JAW OPENING (mm)	EYE DIAMETER (mm)	NET WEIGHT (kg)
1500	0 - 25	25	6
3000	0 - 30	30	8
4000	0 - 45	40	12
5000	5 - 50	29	15
8000	5 - 85	50	45



SAFETY FACTOR 4:1



## UNIVERSAL

CAPACITY (kg)	JAW OPENING (mm)	EYE DIAMETER (mm)	NET WEIGHT (kg)
1000	0 - 20	45	6
2000	0 - 25	67	8
3000	0 - 30	74	12
5000	5 - 50	80	15
8000	5 - 45	84	45



SAFETY FACTOR 4:1

## SNATCH BLOCK

### SINGLE & DOUBLE

SWL (kg)	SHEAVE DIA (mm)	ROPE DIA (mm)
500	100	10 – 13
1000	125	10 – 13
2000	150	10 – 13
3000	200	13 – 16
5000	250	16 – 20
7500	300	16 – 20
10000	350	20 – 22



SAFETY FACTOR 4:1

## SHACKLES

DEE & BOW SWL	DEE & BOW BODY DIA (mm)	DEE & BOW PIN DIA (mm)	DEE INSIDE WIDTH AT PIN (mm)	BOW INSIDE WIDTH AT BOW (mm)	DEE INSIDE LENGTH (mm)	BOW INSIDE LENGTH (mm)	DEE APPROX. WEIGHT (kg)	BOW APPROX. WEIGHT (kg)
0.5	6	8	12	19	23	27	0.05	0.05
0.75	8	10	13	21	20	31	0.08	0.10
1.00	10	11	17	26	33	37	0.11	0.14
1.50	11	13	18	29	37	44	0.18	0.19
2.00	13	16	20	33	46	48	0.27	0.29
3.25	16	20	27	43	52	61	0.55	0.63
4.75	20	22	30	51	61	71	1.02	1.06
6.50	22	25	36	58	76	84	1.43	1.53
8.50	25	28	44	67	83	95	2.16	2.42
9.50	28	32	47	73	91	107	3.06	3.09
12.00	32	35	52	81	101	119	4.11	4.31
13.50	35	38	58	91	118	134	5.28	6.02
17.00	38	42	61	98	125	144	7.27	8.04
25.00	44	51	74	126	150	180	12	14
35.00	51	56	85	143	170	197	19	21
55.00	64	70	105	184	203	267	33	39
85.00	76	85	128	215	215	315	56	70
120.00	89	95	133	230	240	365	98	120
150.00	102	108	141	250	-	375	-	140

SAFETY FACTOR 5:1



SCREW PIN BOW SHACKLE



SCREW PIN DEE SHACKLE


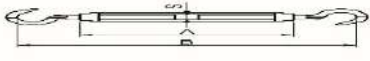
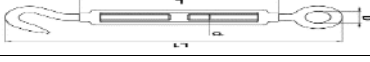


SAFETY PIN BOW SHACKLE



SAFETY PIN DEE SHACKLE

## TURNBUCKLES

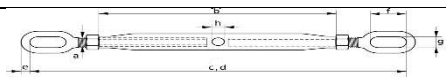
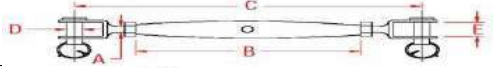

Available in:	
Eye – Eye (EE)	
Hook – Hook (HH)	
Eye – Hook (EH)	
Weldable ends (W)	
Material: Drop forged mild steel	
Standard: Generally to DIN 1480	
Finish: Electro-galvanized	
(Weldable ends: self coloured)	

### SPECIFICATIONS

DIAMETER THREAD	OVERALL CLOSED LENGTH				OVERALL OPEN LENGTH				BODY LENGTH	EYE INSIDE DIAMETER	HOOK OPENING	MAX TENSION
	EE	HH	EH	W	EE	HH	EH	W				
a	b	b	b	b	c	c	c	c	d	e	f	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	tons
6	160	184	172	240	246	270	258	326	110	9	8	0.22
8	168	200	184	240	248	280	264	320	110	10	10.5	0.41
10	210	234	222	300	300	323	311	389	125	14	13	0.66
12	222	260	241	300	305	343	324	383	125	16	16	0.94
14	244	278	261	330	334	368	351	420	140	18	18	1.32
16	300	322	311	400	416	438	427	516	170	22	20	1.8
20	334	382	358	440	466	514	490	572	200	24	21	2.75
22	372	456	414	440	527	601	559	585	220	27	24	3.3
24	410	496	453	520	587	673	630	697	255	27	26	4
30	440	550	495	520	605	715	660	685	255	31	34	6.62
36	554	640	597	600	740	825	782	780	295	38	46	9.28

SAFETY FACTOR 4:1

## RIGGING SCREWS

Available in:	
Eye – Eye (EE)	
Jaw – Jaw (JJ)	
Eye - Jaw (EJ)	
Material: Mild steel	
Finish: Hot dipped galvanized	

### SPECIFICATIONS

WORKING LOAD LIMIT	TRADE SIZE	DIAMETER TREAD	BODY LENGHT	CLOSED LENGHT			OPEN LENGHT			EYE INSIDE DIAMETER	EYE INSIDE WITH	IAW INSIDE LENNGTH	JAW INSIDE WIDTH	JAW PIN
				EE	JJ	EJ	EE	JJ	EJ					
		a	b	c	c	c	d	d	d	e	f	g	h	i
tons	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
0.5	10	10	125	205	222	214	300	312	306	13	13	22	10.5	8
0.7	12	12	195	298	315	307	458	470	464	19	15	27	13	10
1.2	16	16	230	356	388	372	531	568	549	28	20	33	18	12
1.5	20	20	270	423	449	436	628	654	641	34	24	38	20	16
2.2	22	22	295	463	490	477	688	715	701	34	24	45	25	20
3.2	24	24	325	502	538	520	752	793	772	37	28	52	30	22
4.8	32	33	370	602	680	641	882	965	923	41	35	70	38	30
6	38	39	400	651	707	479	951	1002	976	45	40	70	45	33
8	45	45	400	721	761	741	879	1011	645	49	49	86	50	39
11	48	48	400	767	780	774	1032	1005	1018	52	52	97	58	45

SAFETY FACTOR 4:1

## EYE BOLTS & EYE NUTS

TO DIN 580 (GALVANISED)						
TREAD DIAMETER (mm)	SAFE WORKING LOAD	INSIDE EYE DIAMETER (mm)	EYE MATERIAL DIAMETER (mm)	SHANK LENGTH (mm)	THREAD LENGTH (mm)	APPROX WEIGHT (kg)
6	70	15	6	11	9	0.05
8	140	19	8	12	9	0.06
10	230	24	10	16	14	0.11
12	340	29	11	20	17	0.18
14	490	34	14	26	22	0.28
16	700	34	14	27	22	0.32
18	900	40	16	29	25	0.45
20	1200	39	16	30	25	0.45
22	1500	44	19	32	28	0.67
24	1800	49	20	36	30	0.87
30	3200	59	25	46	38	1.66
33	4300	59	25	46	38	2.16
36	4600	70	27	60	51	2.65
42	6300	80	31	65	58	4.03
45	8000	89	38	67	57	6.00
48	8600	90	40	70	60	6.38
56	11500	109	47	83	70	8.80
64	16000	109	47	90	75	12.40
72	21000	138	62	100	86	20.80

SAFETY FACTOR 4:1



EYE BOLT



EYE NUT

## **LIFTING POINTS**

### **XL TWN 1120 (EBLR)**

This lifting point has a freely movable coupling link and is capable of lifting its full working load limit in all directions. It rotates easily due to the special bush and guide plate.

**100% Magnetic crack tested.**

**WARNING: DOES NOT SWIVEL UNDER LOAD!**

INCLINATI ON ANGLE		NO. OF LEGS		WORKING LOAD LIMIT						
MARKING		0.3	0.45	0.6	1.4	2.5	3.5	6.7	8	
SCREW SIZE		M8	M10	M12	M16	M20	M24	M30	M36	
THREAD LENGTH (MM)		19	19	24	29	33	40	52	66	
0°	1	0.3	0.45	0.6	2.1	3	6	7.1	12.5	
90°	1	0.3	0.45	0.6	1.4	2.5	3.5	6.7	8	
0-45°	2	0.42	0.63	0.85	2	3.55	5	9	11.2	
45-60°	2	0.3	0.45	0.6	1.4	2.5	3.55	6.7	8	
0-45°	3+4	0.63	0.95	1.25	3	5.3	7.1	14	17	
45-60°	3+4	0.45	0.67	0.9	2.1	3.8	5.3	10	11.8	

SAFETY FACTOR 4:1



## XL TWN 1830 (EBLRTB)

This point is equipped with a ball bearing system. It is well suited for loads that must be turned or flipped. It has a special wide coupling link which enables easy slinging of bigger hooks. This lifting point is not suitable for permanent rotations under load.

**100% Magnetic crack tested.**

### SWIVELS UNDER LOAD

INCLINATI ON ANGLE		NO. OF LEGS						
WORKING LOAD LIMIT								
MARKING		0.45	0.6	1.4	2.5	3.5	12.5	15
SCREW SIZE		M10	M10	M12	M16	M20	M24	M30
THREAD LENGTH (MM)		19	19	24	29	33	40	52
0°	1	0.3	0.45	0.6	2.1	3	6	7.1
90°	1	0.3	0.45	0.6	1.4	2.5	3.5	6.7
0-45°	2	0.42	0.63	0.85	2	3.55	5	9
45-60°	2	0.3	0.45	0.6	1.4	2.5	3.55	6.7
0-45°	3+4	0.63	0.95	1.25	3	5.3	7.1	14
45-60°	3+4	0.45	0.67	0.9	2.1	3.8	5.3	10

SAFETY FACTOR 4:1



## **XL TWN 1890**

It can be rotated by 360° and swivelled by 180°. The extra wide bow enables easy slinging of bigger hooks. This lifting point is especially designed for the exchange of bolts and therefore bolt length.

**WARNING: DOES NOT SVIVEL UNDER LOAD!**

<b>INCLINATION ANGLE</b>	<b>NO. OF LEGS</b>	<b>WORK LOAD LIMIT</b>		
MARKING		1.5	2.5	4
SCREW SIZE		M16	M20	M24
THREAD LENGTH		30mm	38mm	41mm
0°	1	1.70	2.50	4.00
90°	1	1.70	2.50	4.00
0-45°	2	2.40	3.50	5.70
45-60°	2	1.70	2.50	4.00
0-45°	3+4	3.60	5.30	8.50
45-60°	3+4	2.60	3.80	6.00

SAFETY FACTOR 4:1





**MISCELLANEOUS**



NGK WIRE ROPE PULLER



CARBON STEEL HOOKS



QUICK LINK



RATCHET LOAD BINDER



LOAD BINDER



TIE DOWN STRAP



TIE DOWN CHAIN



CLEVIS GRAB HOOK



CLEVIS SLIP HOOK

## **REGULATIONS**

**The company do comply with the Occupational Health And Safety act, 1993 &  
Driven Machinery Regulations, 1998**



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