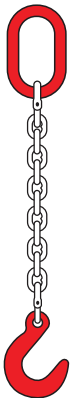


PRODUCTS CATALOGUE



MULTIQUIP

DURBAN

No. 2 CEDARFIELD CLOSE
SPRINGFIELD PARK, DURBAN
P O BOX 74361
ROCHDALE PARK 4034
FAX: 031 579 4332
E-MAIL: sales@multiquip.co.za
TEL: 031 579 4294

JOHANNESBURG

UNIT No. 1, 4 PLATINUM ROAD
SPARTAN EXT 16, KEMPTON PARK
P O BOX 8257
EDENGLLEN 1613
FAX: 011 392 4835
E-MAIL: sales2@multiquipgauteng.co.za
TEL: 011 392 3398

CAPE TOWN

UNIT No. 4, 40 STELLA ROAD
MONTAGUE GARDENS
CAPE TOWN
E-MAIL: capesales@multiquip.co.za
TEL: 021 202 8246

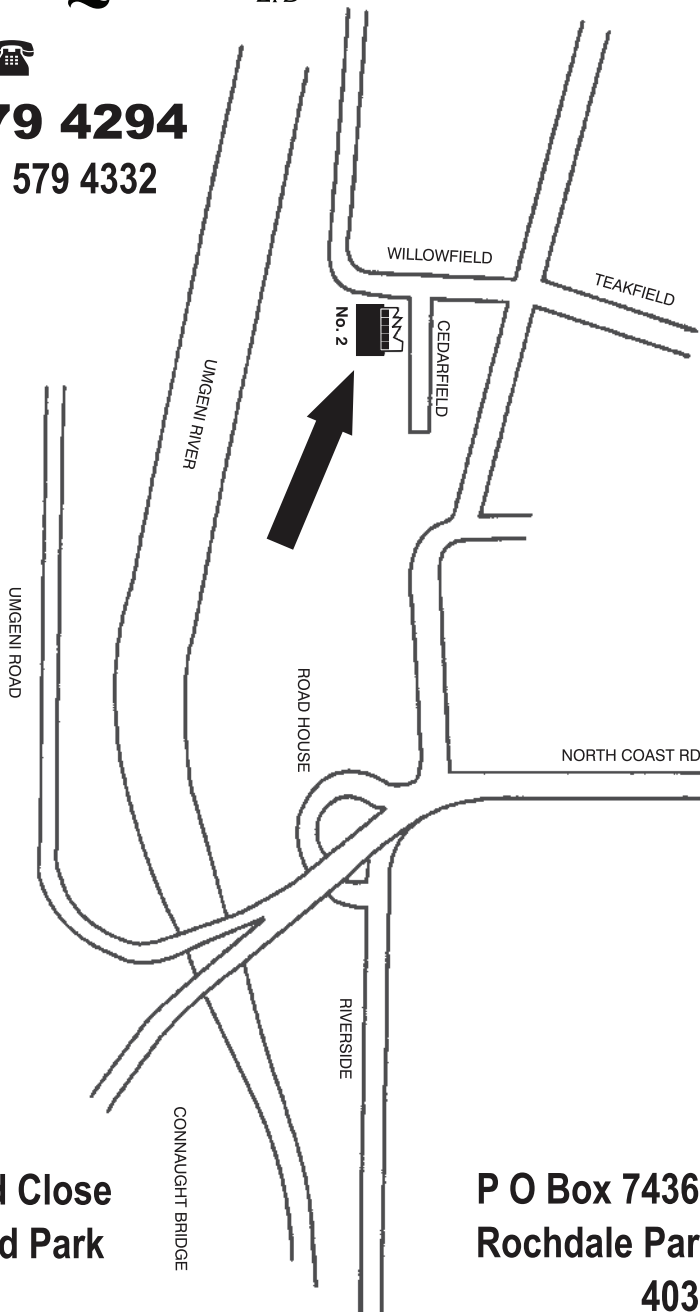
www.multiquip.co.za

MULTIQUIP (PTY) LTD



031 579 4294

FAX 031 579 4332



**No. 2
Cedarfield Close
Springfield Park
Durban**

**P O Box 74361
Rochdale Park
4034**

Engineering Council of South Africa



This is to
certify that

Ian O'Byrne

is registered as **Registered Lifting Machinery Inspector**

in terms of the Engineering Profession Act, 2000
(Act No. 46 of 2000)

Date

3 October 2008

Registration
Number

2008/20317

President

Chief Executive Officer



DEPARTMENT
OF LABOUR

Certificate

This is to certify that

MULTIQUIP (PTY) LTD

has been approved in terms of
Driven Machinery Regulation 18(5)

of the

Occupational Health and Safety Act, 1993
Examining and testing of lifting machines and lifting tackles.

Scope of Approval:

Chain Blocks

Lever Hoists

Lifting tackles

Signed on:

17 July 2008

Chief Inspector

No: LME 216

SABS

Certificate of Registration

This is to certify that the Quality Management System of

**MULTIQUIP (PTY) LTD
DURBAN**

*has been assessed and found to
satisfy the requirements of*

ISO 9001:2008

QUALITY MANAGEMENT SYSTEMS - REQUIREMENTS

in respect of

**THE MANUFACTURE AND SUPPLY OF INDUSTRIAL SAFETY BELTS AND WEBBING
SLINGS
THE ASSEMBLY AND SUPPLY OF CHAIN AND WIRE ROPE SLINGS
THE MANUFACTURE AND SUPPLY OF INDUSTRIAL SAFETY NETTING AND CARGO RESTRAINT EQUIPMENT**

SCHEMATIC CLAUSES

7.3 DESIGN AND DEVELOPMENT

**7.5.2 VALIDATION OF PROCESSES FOR PRODUCTION AND SERVICE
PROVISION**

- This certificate, including the schedule which forms an integral part thereof:
- is issued without admission, registration, fee or charge
 - is subject to any conditions or limitations contained therein;
 - is not subject to ongoing surveillance and certification requirements;
 - is issued on the basis of the information provided in the application and the schedule that is included with it;
 - "Certificate Owner" is the SABS Certificate holder, www.sabs.co.za

Registration Number

LS 4979

Effective Date

30 October 2013

Expiry Date

30 October 2016

Date of Original Registration

30 October 2013

Chief Executive Officer

D. Nkomo



DRGsiyaya

BROAD-BASED BEE VERIFICATION SERVICE

DRG Siyaya Verification Agency (PTY) Ltd
(Reg. 2004/006982/07)

**Broad-based Black Economic Empowerment
Verification Certificate**

Certificate No. DRG7364-050214

MULTIQUIP (PTY) LTD

Co.Reg No.:1977/001783/07

Vol No:4740104759

2 Credenfield Close Springfield Park, 4051

Broad based BEE recognisior LEVEL 2 Contributor to BBEE

Verification Manager/ Applicant: Chido of Good Practice
Scorecard Apprais: GENERAL - GBE

Element	Score
Ownership	N/A
Management Control	N/A
Employment Equity	17.81
Skills Development	N/A
Preferential Procurement	25.00
Enterprise Development	23.21
Socio Economic Development	21.11
Overall Score	87.13
Black Ownership	0%
Black Women Ownership	0%
Value Adding Supplier (Yes/No)	YES
BEE Recognition level	125%
EE Beneficiary	NO

Quayle
Authorised Signatory



Date of Issue: 05 February 2014

Date of Expiry: 04 February 2015



SALES COMMERCIAL SPC LTD
15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100



DURBAN

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www.multiquip.co.za

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ROUND STRAND WIRE ROPES

WRG

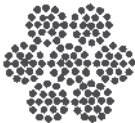


**6 x 19 (12/6/1)
F.M.C.**

Nominal Diameter	Tensile	Breaking Force		Safe Mass Load 6 : 1 m. ton	Mass per Metre
		kN	kg		
mm	MPa	kN	kg		kg
3	1770	5.5	560	0.09	0.04
4	1770	11.2	1100	0.18	0.06
5	1770	15.0	1530	0.26	0.09
6	1770	20.9	2130	0.36	0.13
8	1770	37.1	3780	0.63	0.24
10	1770	59.9	6100	1.02	0.40
12	1770	78.2	7970	1.32	0.48
13	1770	91.7	9350	1.55	0.62

ALL ABOVE SUPPLIED IN ORDINARY LAY

WRG



**7 x 19 (12/6/1)
Aircraft Cable**

Nominal Diameter	Tensile	Breaking Force		Safe Mass Load 6 : 1 m. ton	Mass per Metre
		kN	kg		
mm	MPa	kN	kg		kg
3	1880	7.2	710	.11	.05
4	1880	12.1	1190	.19	.07
5	1880	18.1	1780	.29	.10
6	1880	24.3	2390	.39	.14
8	1880	39.2	4010	.67	.25
10	1880	65.0	6640	1.10	.37

PLEASE NOTE THAT ALL DIMENSIONS, SIZES, MEASUREMENTS AND SPECIFICATIONS SHOWN IN THIS CATALOGUE ARE APPROXIMATE AND MAY VARY DEPENDING ON THE SOURCE OF SUPPLY. IF THESE FACTORS ARE CRITICAL, PLEASE CONFIRM THE RELEVANT SPECIFICATIONS PRIOR TO ORDERING.

COMPLIANCE CERTIFICATE ON REQUEST

ROUND STRAND WIRE ROPES

WRPVC



**PVC
COVERED
CABLE**

**6 x 7 (6/1)
PVC covered**



**7 x 7
PVC clear**



6 x 19



**7 x 19
PVC green**

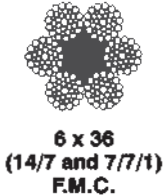
clear

Nominal Diameter	Breaking Force		Safe Mass Load 6 : 1 m. ton	Mass per Metre kg
	mm	MPa kN		
2 to 3	2.48	250	.04	.03
3 to 5	5.28	540	.08	.04
4 to 6	9.4	950	.160	.08
6 to 8	21.1	2150	.350	.137
8 to 10	37.60	3800	.630	.225

COMPLIANCE CERTIFICATE ON REQUEST

ROUND STRAND WIRE ROPES

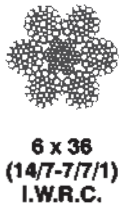
WRG



Nominal Diameter	Tensile	Breaking Force		Safe Mass Load 6 : 1 m. ton	Mass per Metre
		kN	kg		
mm	MPa				kg
6	1770	27.9	2736	0.45	0.14
8	1770	41.7	3094	0.68	0.24
10	1770	60.0	5886	1.02	0.45
12	1770	85.6	8397	1.40	0.53
13	1770	100.0	9810	1.68	0.68
14	1770	119.0	11674	2.02	0.80
16	1770	155.0	15205	2.63	0.94
18	1770	193.0	18933	3.28	1.30
20	1770	239.0	23445	4.07	1.50
22	1770	292.0	28645	4.97	1.96
24	1770	336.0	32960	5.49	2.19
26	1770	394.0	38650	6.44	2.57

ALL SUPPLIED IN ORDINARY LAY

WRIWRC



Nominal Diameter	Tensile	Breaking Force		Safe Mass Load 6 : 1 m. ton	Mass per Metre
		kN.	kg		
mm	MPa.				kg
9.5	1770	63.4	6220	1.03	0.33
13	1770	118.2	11600	1.93	0.75
16	1770	179.4	17600	2.93	1.15
18	1770	227.3	22300	3.71	1.44
20	1770	281.3	27400	4.60	1.78

COMPLIANCE CERTIFICATE ON REQUEST

ROUND STRAND WIRE ROPES



**18 Strand
Non Spin**

WRNSB

Nominal Diameter	Tensile	Breaking Force		Safe Mass Load 6 : 1 m. ton	Mass per Metre
		kN	kg		
mm	MPa				kg
6	1770	21.4	2100	0.35	0.14
8	1770	43.1	4230	0.75	0.25
10	1770	67.3	6810	1.10	0.39
11	1770	77.2	7580	1.26	0.48
12	1770	87.6	8600	1.43	0.54
13	1770	97.8	9600	1.60	0.65
14	1770	132.5	13000	2.16	0.74
16	1770	172.2	16900	2.81	1.00
18	1770	218.1	21400	3.56	1.20
20	1770	230.3	22600	3.76	1.55
22	1770	295.6	29000	4.83	2.06

COMPLIANCE CERTIFICATE ON REQUEST

STAINLESS STEEL WIRE ROPE

GRADE 316

Stainless Steel Wire Ropes are widely used for aircraft, shipping and fishing, chemical industry, elevator, mines or other general use because of the superior corrosion, heat and fatigue resisting properties.

WRSS



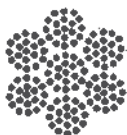
1 x 19

Dia. mm	Breaking Force kg	Mass per 100 Mtrs kg
1.5	185	1.31
2.0	330	2.03
2.5	470	2.95
3.0	800	5.24
4.0	1180	6.59
5.0	2100	11.68
6.0	3000	20.83



7 x 7

Dia. mm	Breaking Force kg	Mass per 100 Mtrs kg
1.5	160	1.05
2.5	370	2.36
3.0	550	4.23
4.0	1080	6.70
5.0	1700	10.50



7 x 19

Dia. mm	Breaking Force kg	Mass per 100 Mtrs kg
2.0	270	1.95
3.0	620	4.23
4.0	970	6.59
5.0	1500	12.99
6.0	2100	16.96
8.0	3780	26.35
10.0	6040	39.10

COMPLIANCE CERTIFICATE ON REQUEST

STEEL WIRE ROPE SLINGS

Ordinary lay rope from one of the following constructions is normally used in the manufacture of steel wire rope slings.

6 x 19 (12 x 6 x 1) Fibre Core

6 x 36 (17 x 7 x 7 x 7 x 1) Fibre Core,

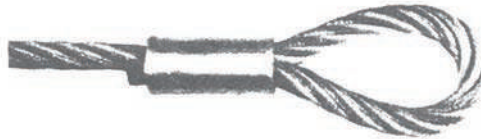
*Unless otherwise specified slings are made from galvanised steel wire rope.

TYPES OF SPLICES AVAILABLE






TALURIT MECHANICAL

An aluminium alloy ferrule for steel wire rope or copper ferrule for stainless steel wire rope. It provides a safe, efficient and economical means of terminating wire rope. Available to suit rope sizes from 2mm upwards. "Copper" Ferrules - 1.5mm upwards.

FERRULE SPLICE



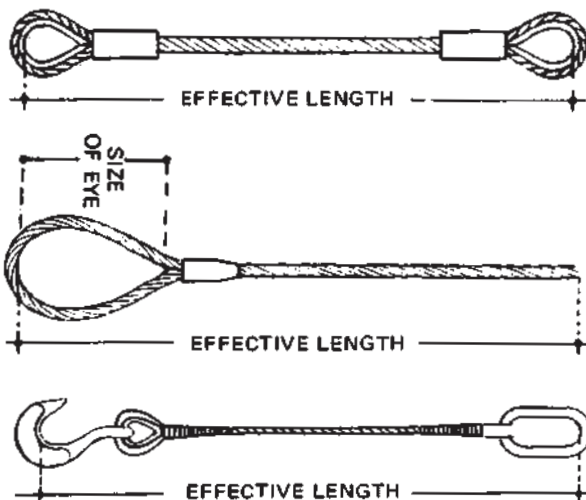
SAFE MASS LOAD TABLE FOR MULTI-LEGGED SLINGS

Strength Reduction Factor	1.0	0.966	0.866	0.707	0.500
					

HOW TO ORDER SLINGS

The following procedure should be followed

DESCRIPTION	EXAMPLE
Quantity	3 only
Type	Single leg slings (Double/Treble etc)
Size or lifting capacity	16mm/or 'To handle 2 metric tons'
Length in metres	5 metres pull to pull (See diagrams below for correct measuring points).
Type of eye or end fitting	With 25cm soft eye (or thimbles etc as required)
Type of Splice	Talurit/Hand/Superloop/Flemish

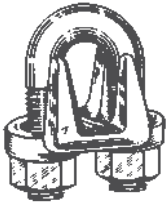


WIRE ROPE CLAMPS

HOT DIP GALVANISED

U.S. FEDERAL SPECIFICATION FF-C-450

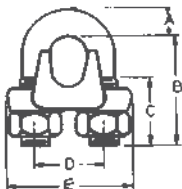
WRCDFG



Code	All dimensions in millimetres						Mass kg per 100
	Rope Dia.	A	B	C	D	E	
CCC	6	8	36	20	21	43	8.1
CCD	8	10	36	19	22	43	13.6
CCE	10	11	38	19	24	49	19.0
CCF	13	11	48	25	30	57	34.0
CCG	16	12	60	32	33	63	45.4
CCH	19	13	69	37	38	72	68.0
CCI	22	16	79	43	44	80	109.0
CCJ	25	16	93	48	48	88	113.0
CCK	29	17	100	55	51	91	140.0
CCL	32	20	110	54	59	105	208.0

COMMERCIAL

WRCGC

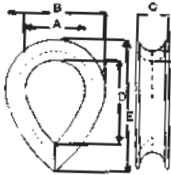


Code	All dimensions in millimetres						Mass kg per 100
	Rope Dia.	A	B	C	D	E	
KA	3	3	17	11	9	21	1.0
KB	5	4	22	13	11	23	1.5
KC	6	4	24	16	13	23	1.7
KD	8	4	30	21	15	26	3.2
KE	10	7	36	22	19	34	5.8
KF	13	9	47	29	24	42	12.0
KG	16	9	54	35	29	47	20.0
KH	19	11	65	37	35	58	30.0

THIMBLES

BS464 HOT DIP GALVANISED - HEAVY DUTY

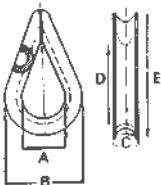
WRTHDG



Code	All dimensions in millimetres						Mass per 10 Units
	Rope Dia.	A	B	C	D	E	
OTA	8	24	43	14	37	56	0.1
OTB	10	27	48	14	38	63	0.7
OTC	13	32	62	19	53	88	1.6
OTD	16	43	72	22	59	98	2.9
OTE	19-21	52	92	29	75	120	5.6
OTF	22	52	95	30	75	126	6.1
OTG	24-25	58	98	33	92	135	7.8
OTH	29	76	130	36	111	168	13.0
OTI	32	96	156	41	133	208	15.0

STANDARD COMMERCIAL GALVANISED

WRTCG



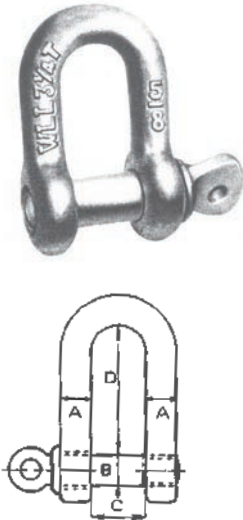
Code	All dimensions in millimetres						Mass per 10 Units
	Rope Dia.	A	B	C	D	E	
THA	4-5	16	24	8	21	32	0.4
THC	6	19	28	10	25	38	1.1
THD	8	22	38	10	25	51	2.7
THE	10	32	44	11	42	64	4.2
THF	12	38	57	14	51	76	8.0
THH	16	41	64	22	60	89	12.4

SHACKLES

DEE WITH SCREW COLLAR PIN GALVANISED

ACCORDING TO U.S. FEDERAL SPECIFICATION
RR-C-271 b

SHASPDG



Code	Safe Working Load T	All dimensions in millimetres				Mass each kg
		A	B	C	D	
ADA	1	9.5	11	17	32	.15
ADB	1½	11	13	18	37	.2
ADC	2	13	16	21	41	.4
ADD	3¼	16	19	27	51	.6
ADE	4¾	19	22	32	60	1.2
ADF	6½	22	25	37	71	1.8
ADG	8½	25	29	43	81	2.5
ADH	9½	29	32	46	90	3.4
ADI	12	32	35	52	100	4.6
ADJ	13½	35	38	56	111	6.0
ADK	17	38	41	60	122	8.0
ADL	25	44	51	73	146	12.4

STANDARD COMMERCIAL GALVANISED

SHACDS



"D" Shackle with screw collar pin

Code	All dimensions in millimetres				Mass each kg
	A	B	C	D	
CSA	5	5	10	21	0.02
CSB	6	6	13	25	0.03
CSC	8	8	16	32	0.07
CSD	10	10	19	38	0.1
CSE	13	13	27	56	0.2
CSF	16	16	31	62	0.5
CSG	19	19	38	72	0.9
CSH	22	22	42	85	1.4
CSI	25	25	47	96	2.2

SHACKLES

ALLOY BOW

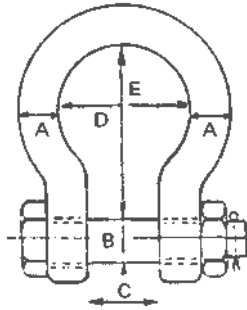
ACCORDING TO U.S. FEDERAL SPECIFICATION
RR-C-271 b

SHACKLE PINS ARE GALVANISED AFTER THREADING

Material bow and pin: chrome moly alloy steel, heat treated



*Anchor Shackle
with screw pin
(Type IV, Class 1)*



*Safety Anchor Shackle
bolt-type
(Type IV, Class 6)*

SHASPBG

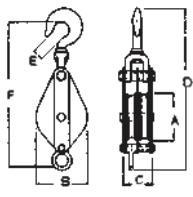
Code	Safe Working Load Tons	All dimensions in millimetres					Mass each kg
		A	B	C	D	E	
ASA	1.0	10	11	17	37	26	0.14
ASB	1.5	11	13	18	43	29	0.17
ASC	2.0	13	16	21	48	33	0.29
ASD	3.25	16	20	27	60	43	0.63
ASE	4.75	20	22	32	71	51	1.02
ASF	6.5	22	26	37	84	58	1.53
ASG	8.5	26	28	43	95	68	2.42
ASH	9.5	28	32	46	108	74	3.10
ASI	12.0	32	35	52	119	83	4.32
ASJ	13.5	35	38	56	132	89	6.0
ASK	17.0	38	42	60	146	98	7.8
ASL	25.0	44	51	73	178	127	13.8

PULLEY BLOCKS

LONDON PATTERN FOR FIBRE ROPE

With Safety Latches

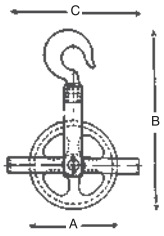
ROPB



Code	All dimensions in millimetres							Suggest SWL kg	Mass each kg
	Rope Dia.	A	B	C	D	E	F		
SINGLE - ROPBSS									
BLA	10	65	75	41	277	20	250	65	1.1
BLB	13	90	98	36	330	22	295	120	1.9
BLC	16	100	117	34	324	22	295	200	2.1
BLD	20	120	140	38	415	23	390	300	3.2
BLE	22	125	140	38	415	24	340	400	3.8
BLF	24	150	180	40	425	24	400	550	5.0
DOUBLE - ROPBDS									
BLG	10	65	75	47	277	20	250	300	1.3
BLH	13	90	98	60	360	22	330	350	3.0
BLI	16	100	117	65	376	22	340	600	3.9
BLJ	20	120	140	70	450	23	400	850	6.0
BLK	22	125	140	70	470	24	430	1200	6.1
BLL	24	150	180	75	470	24	430	1500	8.9
TREBLE - ROPBTS									
BLM	10	65	75	70	277	20	250	350	2.1
BLN	13	90	98	87	360	22	330	400	4.0
BLO	16	100	117	95	380	22	340	700	5.2
BLP	20	120	140	105	450	23	400	1000	8.1
BLQ	22	125	140	105	470	24	430	1300	8.2
BLR	24	150	180	110	470	24	430	2000	12.0

GIN BLOCKS

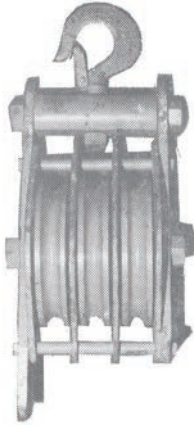
ROPCGIN



Code	Max. Rope Dia.	All dimensions in millimetres			Mass Each kg
		A	B	C	
BGA	26	200	310	250	4.7
BGB	26	250	390	290	6.2
BGC	26	300	420	365	9.5

PULLEY BLOCKS

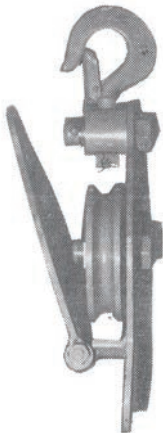
REEVING BLOCKS FOR STEEL WIRE ROPES



Code	SWL. tons	Sheave Dia. mm	Rope Dia. mm
RBA	1	125	10 - 13
RBB	2	150	10 - 13
RBC	3	200	13 - 16
RBD	5	250	16 - 20
RBE	7½	300	16 - 22
RBF	10	350	20 - 25
RBG	15	400	22 - 30
RBH	20	400	25 - 35
RBI	30	400	35 - 40
RBJ	40	500	35 - 45
RBK	60	500	35 - 45

AVAILABLE ONLY IN SINGLE, DOUBLE AND TREBLE SHEAVE BLOCKS
WITH HOOK OR OVAL EYE SUSPENSION

SNATCH BLOCKS



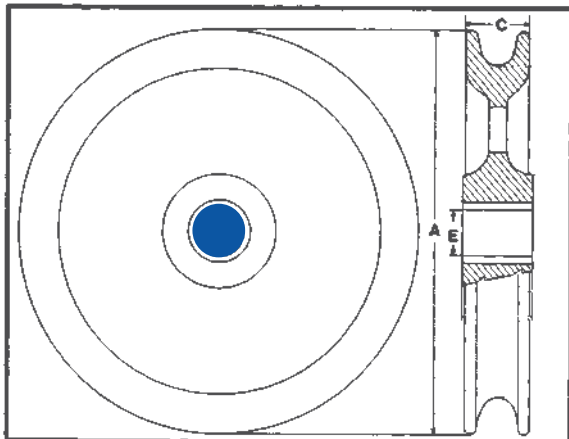
SNBLOK

Code	SWL. tons	Sheave Dia. mm	Rope Dia. mm
SBAA	½ ton	100	08 - 13
SBA	1	125	10 - 13
SBB	2	150	10 - 13
SBC	3	200	13 - 16
SBD	5	250	16 - 20
SBE	7½	300	16 - 22
SBF	10	350	20 - 25
SBG	15	400	22 - 30
SBH	20	400	25 - 35
SBI	30	400	35 - 40
SBJ	40	500	35 - 45

AVAILABLE ONLY IN SINGLE SHEAVE WITH HOOK OR OVAL EYE SUSPENSION

SHEAVE WHEELS

ROPBW



ORDERS FOR SHEAVES SHOULD SPECIFY:

DIMENSIONS:

- A - Outside Diameter
- C - Rim Width
- E - Bore for Centre Pin

Diameter and Type of Rope:
Manila or Wire

DESCRIPTION

Type of Bushing:

Common, Iron or Plain. These terms are used when there is merely a hole bored in centre of sheave.

Bronze Self-Lubricating, Ball or Roller Bearing.

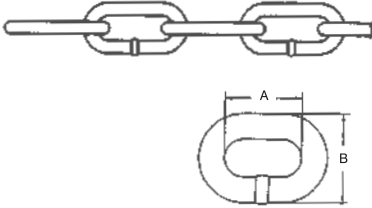
- Available Bored or Unbored
 - Finest Quality Cast Iron
 - Fully Machined Phosphor Bronze Bushes
 - Roller or Ball Bearings also available

Code	Sheave Dia. mm A	Width C	Bore E	Rope Groove
SWA	65	12	12	10
SWB	90	22	16	13
SWC	100	25	20	16
SWD	120	28	20	18
SWE	125	30	20	10 & 22
SWF	150	30	25	13 & 24
SWG	200	36	30	16
SWH	250	40	40	20
SWI	300	40	45	22
SWJ	350	45	55	25
SWK	400	45	60	30
SWL	500	65	80	45

STAINLESS STEEL

GR 316 SHORT LINK CHAIN 021 202 8246

CHASS



Art No.	Size mm	ID Length mm	ID Width mm	Mass per metre
	1.5	11.5	4	
	2	12	3	
CH1901	3	16	7	0.15
CH1903	5	22	9.5	0.42
CH1904	6	26	11.5	0.63
CH1906	8	32	13.5	1.15
CH1907	10	39	16	1.47

SHASS



GR 316 D SHACKLE

Art No.	Size mm	I.L. mm	N.W. kg
S-S0400	4	16	0.008
S-S0401	5	19	0.014
S-S0402	6	25	0.027
S-S0403	8	32	0.064
S-S0404	10	38	0.120
S-S0405	12	51	0.210
S-S0406	16	64	0.500

WRCSS



GR 316 WIRE ROPE CLIP

Art No.	Size mm	N.W. kg
S-CF1101	3	0.023
S-CF1102	5	0.041
S-CF1103	6	0.083
S-CF1104	8	0.142
S-CF1105	10	0.193
S-CF1106	12	0.325

HKSS



GR 316 SNAP HOOK WITH EYELET

Art No.	Size mm	N.W. kg/100pcs
S-TG0202	5X50	1.88
S-TG0203	6X60	2.92
S-TG0204	7X70	4.67
S-TG0205	8X80	7.31
S-TG0207	10X100	14.92

STAINLESS STEEL SHOULDER TYPE EYE BOLT

STAINLESS STEEL U.S. TYPE SHOULDER TYPE NUT
EYE BOLT, DROP FORGED,
a.i.s.i. 316



EYEBOLSS

Art. No.	Size	I.D. of Eye	Thread Length	N.W. kg/100pcs
S-EBF0201	1/4X2	0.50	1.50	3.00
S-EBF0202	1/4X4	0.50	2.50	4.00
S-EBF0204	5/16X4-1/4	0.62	2.50	8.50
S-EBF0206	3/8X4-1/2	0.75	2.50	14.30

STAINLESS STEEL END FITTING

4MM Stainless Steel Rope.
Stud With Nut / Washer / Dome Nut / Left & Right Hand Thread





EYEBOLSS GR 316 BOLTS

Art. No.	Size mm	N.W. kg
S-EL0101	6	0.05
S-EL0102	8	0.06
S-EL0103	10	0.11
S-EL0104	12	0.18



WRTSS GR 316 WIRE ROPE THIMBLE

Art. No.	Size mm	N.W. kg
S-T0201	3	0.015
S-T0202	5	0.015
S-T0203	6	0.015
S-T0204	8	0.019
S-T0205	10	0.031

DIMENSIONS MEET FEDERAL SPECIFICATION FF-T-276b TYPE 2



GR 304 COMMERCIAL THIMBLE a.i.s.i. 304

Art. No.	Size mm	N.W. kg/100pcs
S-T0701	2	0.11



TBSS GR 316 TURNBUCKLE

Art. No.	Size mm	Body Length mm	N.W. kg
S-TB0301	6	100	0.11
S-TB0302	8	125	0.21
S-TB0303	10	150	0.34
S-TB0304	12	200	0.65



LASHING EQUIPMENT



LEQLOAD RATCHET TYPE LOAD BINDER, painted red

Art. No.	Size mm	M.B.S. lbs	N.W. lbs
LB0302	10	19000	10.50
LB0303	13	29000	12.90



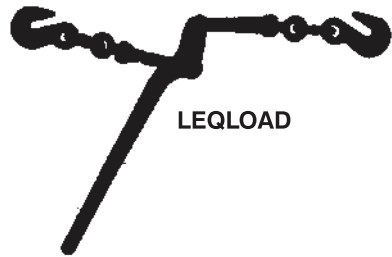
LEQGH CLEVIS GRAB HOOK, zinc plated

Art. No.	Chain Size mm	N.W. lbs
HF0103	10	1.00
HF0105	13	2.10

LOAD BINDERS

LEOLOAD

Code	Chain Size	Take up mm	Proof Load kg	Mass Each kg
LBA	8 - 10	114	4625	2.7
LBB	10 - 13	114	7440	4.1



LEQLOAD

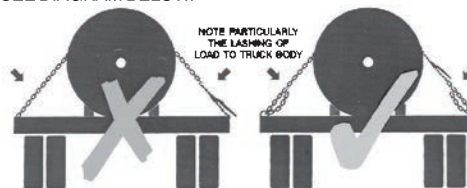
LASHING CHAINS

CERTIFIED LASHING CHAIN

Size mm	Quality Grade	Minimum Breaking Strength - kg	Mass/m kg	Corresponding Tensioners
10.0	CLC	5 000	1.975	Ratchet-Binder, Lever Binder or Turnbuckle
13.0	CLC	8 000	3.526	Ratchet-Binder, Lever Binder or Turnbuckle

USEFUL TIPS AND HINTS

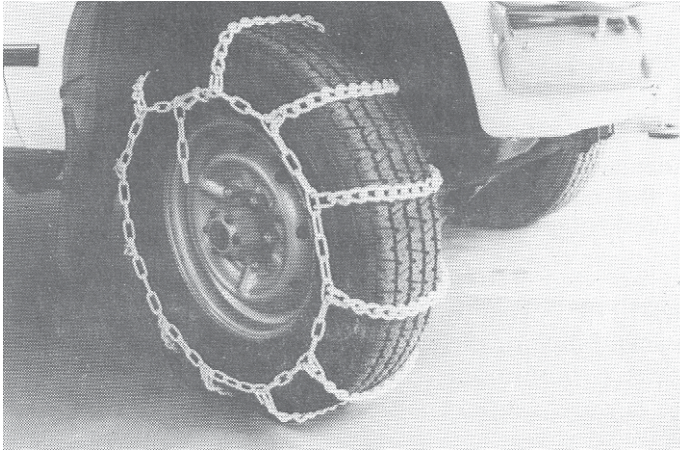
- NEVER USE LOADBINDER FOR LIFTING OR HOISTING APPLICATIONS.
- NEVER WELD OR BEND LOADBINDER
- HOOK LOADBINDER ONTO THE CHAIN FROM THE GROUND, DO NOT OPERATE FROM THE LOAD.
- KEEP CLEAR OF THE MOVING HANDLE WHEN RELEASING.
- IN THE LOCKED POSITION THE BOTTOM SIDE OF THE LOADBINDER SHOULD TOUCH THE CHAIN LINK.
- FOR CORRECT USAGE SEE DIAGRAM BELOW.



INCORRECT

CORRECT

TYRE CHAINS



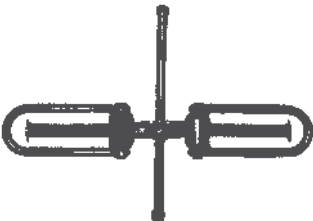
- Wet weather and off-road chains for use in muddy conditions.
- Made to order to suit any tyre size, including earthmoving equipment.

TO ORDER:

Specify tyre size and type i.e. General RV 180, 215 x 15
 or Firestone 600 x 14 crossply etc.

28mm TURNBUCKLE

The typical Chain Assembly incorporating the Turnbuckle consists of a 10m length of chain with a Grab Hook attached at one end and a short length of 600mm of chain with a Slip Hook attached at the other end of the turnbuckle.

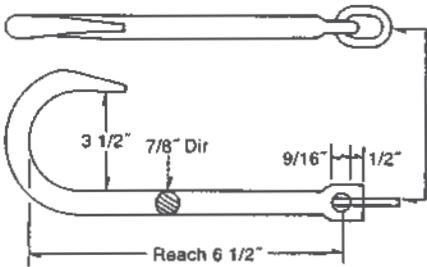


Length		Take-up mm	Mass Each kg	Minimum Breaking Strength kg
Minimum mm	Maximum mm			
610	890	280	7	13 600

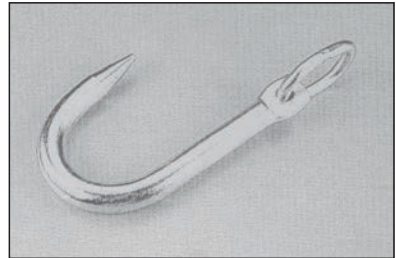
CHAIN ACCESSORIES

TOW TRUCK CHAIN ASSEMBLIES & HOOKS

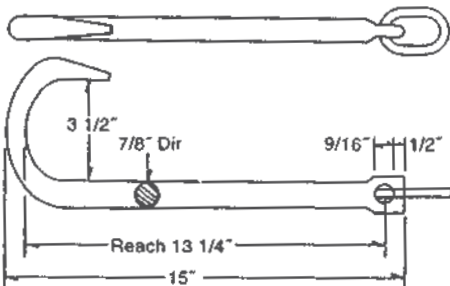
S-918 6-1/2" J HOOK
WELDED RING:
3/8 X 2-1/4 X 1-3/8"
W.L.L. : 3, 500 LBS



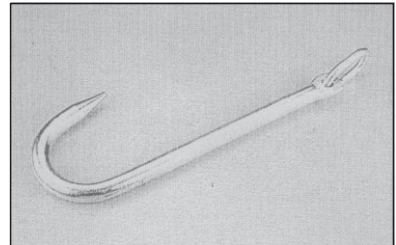
CHAUREC



S-919 13-1/4" J HOOK
WELDED RING:
3/8 X 2-1/4 X 1-3/8"
W.L.L. : 3, 500 LBS



CHAUREC



UTILITY CHAIN

Is mild steel chain designed specifically for decorative, light duty and general applications, e.g. window displays, suspension of light fittings, etc.

Identification: No brand marking.

Calibrated: Not suitable for use as calibrated chain.

Table 1 Extra Long Link Chain - ELL Chain to SABS 251/1993

Factor of Safety: 5 to 1

Chain Size mm	Working Load Limit (Kn)	Link Dimensions mm			Links per metre	Mass per metre in kg
		d	L-nom	W-max		
5	3.15	5	35	20	50	0.43
6	4.50	6	42	24	41.70	0.63
7	6.00	7	49	28	35.70	0.86
10	12.50	10	65	40	32	1.75

CHALL

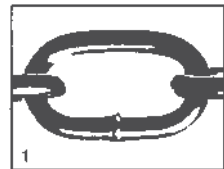


Table 2 Rim Link Chain - RL Chain

Factor of Safety: 5 to 1

4.8	0.17	4.8	38.0	17.0	26.3	0.37
5.6	0.27	5.6	38.0	21.0	26.3	0.53
8.0	0.50	8.0	50.0	32.0	20.0	1.14

CHAIN

LONG LINK
GRADE 300 CHAIN TO
S.A.B.S 251/1993 - GR 300 LL CHAIN

FACTOR OF SAFETY: 5 (minimum)

Chain Size mm.	Working Load Limit (m.tons)	Link dimensions mm.			Links Per metre	Mass Per Metre in kg.
		d	L	W		
5,6	0,3	5,6	22,4	19,6	44,6	0,62
6,3	0,4	6,3	25,2	22,1	39,7	0,79
7,1	0,4	7,1	28,4	24,9	35,2	1,00
9,0	0,8	9,0	36,0	31,5	27,8	1,61
*10,0	1,0	10,0	40,0	35,0	25,0	1,98
11,2	1,2	11,2	44,8	39,2	22,3	2,49
*13,0	1,6	13,0	52,0	45,5	19,2	3,35
*14,0	1,9	14,0	56,0	49,0	17,9	3,89
*16,0	2,5	16,0	64,0	56,0	15,6	5,08
*20,0	3,8	20,0	80,0	70,0	12,5	7,93

AVAILABLE UP TO 50 mm CHAIN SIZE

*ALSO AVAILABLE IN GR300 TO S.A.B.S. 251/1993 AS SMOOTH WELD MID LINK CHAIN

CHALL



SPECIAL SHORT LINK CHAIN - SSL CHAIN

Special Short Link Chain is a high quality carbon-steel Short Link Chain for general purpose use.

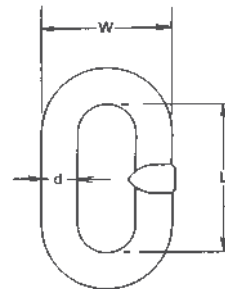
Identification: No brand marking.

FACTOR OF SAFETY: 5 (minimum)

Chain Size mm.	Working Load Limit (m.tons)	Link dimensions mm.			Links Per metre	Mass Per Metre in kg.
		d	L	W		
4,0	0,2	4,0	14,3	15,0	69,9	0,34
5,6	0,4	5,6	18,8	19,8	53,2	0,67
6,3	0,5	6,3	18,9	22,1	52,9	0,88
7,0	0,6	7,0	21,0	24,5	48,2	1,08
8,0	0,8	8,0	24,0	28,0	41,7	1,41
9,0	1,0	9,0	27,0	31,5	37,0	1,79
10,0	1,2	10,0	30,0	35,0	33,3	2,21
11,2	1,6	11,2	33,6	39,2	29,8	2,77
13,0	2,2	13,0	39,0	45,5	25,6	3,73
14,0	2,5	14,0	42,0	49,0	23,8	4,32
16,0	3,3	16,0	48,0	56,0	20,8	5,65
20,0	5,0	20,0	60,0	70,0	16,7	8,82
22,0	6,2	22,0	66,0	77,0	15,2	10,68
26,0	8,7	26,0	78,0	91,0	12,8	14,90

AVAILABLE UP TO 70 mm CHAIN SIZE

CHASLL



Alloy Chain Grade 8



- THE SYSTEM

A total system designed to save you time and money

TOTAL FLEXIBILITY - no matter what your chain sling needs you can assemble the right chain sling for every job quickly and easily, right in your plant with the Alloy Grade 8 System. No special ordering. No delays. No unnecessary costs. No special tools or special assembly skills. And no sacrifice of strength; the custom chain slings you assemble with Alloy Grade 8 attachments are just as dependable as factory assembled units.

TOTAL QUALITY - the Alloy Grade 8 System incorporates many advanced engineering and design features, all developed to provide outstanding user benefits - most importantly, cost savings.

For fast, economical, on-the-job chain sling assembly, use:

CHAIN CONNECTOR

Self Locking Hooks - features a simple clevis device; single retaining pin is easily inserted or removed with standard tools. Oval load pin fits only the correct chain size, fitting the contour of the chain link, and rotates freely within the round pin hole to reduce chain wear. The short clevis slot helps eliminate pin bending. Self Locking Hooks and fittings are lighter and less bulky than comparable assemblies, and easier to remove from beneath loads.

Alloy Chain Grade 8

Chain Sling Selection

CORRECT SELECTION, ORDER SPECIFICATION AND ASSEMBLY DETAILS

SELECTING THE CORRECT CHAIN SLING

1. Determine the mass and configuration of the load to be lifted.
2. From pages 24 and 25, determine the type of chain sling required according to No. 1 above.
3. Assess the typical service conditions - normal, arduous or hazardous.
4. Using the Working Load Limits on pages 26 or 27, determine the size of chain required.
The Working Load Limit is the maximum load which should ever be applied to Chain, even when:
 - Chain is new
 - Used in ideal service conditions
 - The load is uniformly applied, in direct tension, to a straight length of chain.

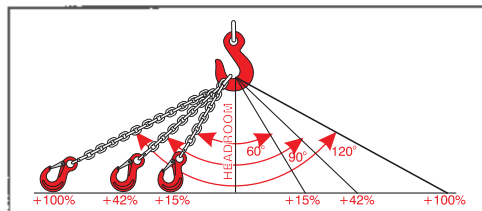
Dependant upon service conditions as recognised under No. 3, the foregoing may not be applicable and it will then be necessary to assess a more practical WORKING LOAD. Under no circumstances should this WORKING LOAD be greater than the WORKING LOAD LIMIT specified by the manufacturer.

CAUTION: serious damage to a chain may occur when a force exceeding the Working Load Limit is applied to a chain or chain assembly.

5. Consult pages 26 and 27 (and individual specification pages 28 to 37) to determine the matched components and accessories needed to complete the sling.
6. Determine the length of chain needed.

CALCULATION OF SLING LENGTHS AT VARIOUS INCLUDED ANGLES:

Where specific "Head Room" is required between the crane hook and the intended load, it is natural that the effective length will become greater as the angle of sling operation increases. The following scale indicates the percentage increase in length applicable at 60, 90 and 120 operation.



For example, a 2-leg sling required to operate at 60° while maintaining Head Room of 3 metres will need each leg to be of 3.45 metres effective length.

CHAIN LENGTH vs SLING LENGTH

Chain length simply refers to the actual length of chain required to form one leg of a chain sling of specified reach (effective length), whereas, the reach of a chain sling is the distance between the bearing points of the upper and lower terminal fittings, also known as the "pull to pull" distance.

CHAIN CUTTING

It is often specified, when ordering chain slings, that the hook or terminal fittings lie in a given direction. To achieve this, care must be taken to ensure that each chain end is assessed for direction or "plane" before being cut. It may sometimes be found necessary to extend the chain length by one link to achieve the desired requirement. Normally, all terminal fittings lie in the same plane.

When cutting Alloy Chain the links adjacent to the link to be cut should under no circumstances be heated as it will adversely affect the strength of these links.

TYPICAL SLING TYPES

SINGLE CHAIN SLINGS



Style A

TYPE SOS
SINGLE
ADJUSTABLE



TYPE SOG
GRAB
HOOK



TYPE SOG
CLEVIS
GRAB HOOK



TYPE SOS
CLEVIS
SAFETY HOOK



TYPE SOF
FOUNDRY
HOOK



TYPE SOS
SAFETY
HOOK



TYPE SOSL
SELF-LOCKING
HOOK

DOUBLE CHAIN SLINGS



SINGLE
BASKET

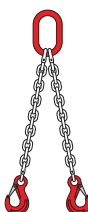


Style B

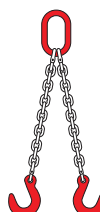
TYPE DOS
DOUBLE
ADJUSTABLE



TYPE DOG
CLEVIS
GRAB HOOK



TYPE DOS
SAFETY HOOK

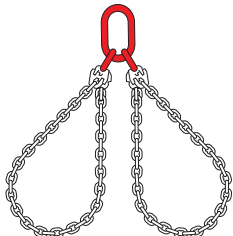


TYPE DOF
FOUNDRY HOOK

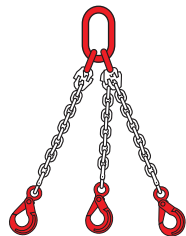


TYPE DOSL
SELF-LOCKING

TRIPLE & QUAD CHAIN SLINGS



DOUBLE BASKET



TYPE TOSL
SELF-LOCKING
HOOK



TYPE QOS
SAFETY HOOK

SINGLE ADJUSTABLE LOOP CHAIN SLING

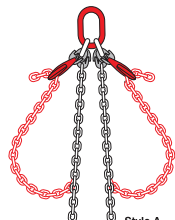


Style A

SINGLE ADJUSTABLE LOOP

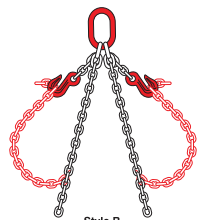


Style B



Style A

DOUBLE ADJUSTABLE LOOP



Style B

DOUBLE ADJUSTABLE LOOP CHAIN SLING

ASSEMBLY COMPONENTS

CHAIN SIZE (mm)		6,0	7,0	10,0	13,0	16,0	20,0	22,0	25,5	32,0	
Working load limits in metric tons		1,200	1,600	3,200	5,400	8,200	12,800	15,500	21,700	32,800	
Oblong Master Link											
Chain Connector			7	10	13	16	20	22	26	32	
	Grab (Clevis)		7	10	13	16	20				
	Sling (Clevis)		7	10	13	16	20				
Hooks	Self Locking (trigger)		7	10	13	16	20				
	Grab (eye)		7	10	13	16	20				
	Sling (eye)		7	10	13	16	20				
	Foundry (eye)		7	10	13	16	20				
Working load		60°	2,040	2,720	5,440	9,180	13,940	21,760	26,350	36,890	55,760
Limits in		90°	1,680	2,240	4,480	7,560	11,480	17,920	21,700	30,380	45,920
Metric tons		120°	1,200	1,600	3,200	5,400	8,200	12,800	15,500	21,700	32,800
Oblong Master Link											
Chain Connector			7	10	13	16	20	22	26	32	
	Grab (Clevis)		7	10	13	16	20				
	Sling (Clevis)		7	10	13	16	20				
Hooks	Self Locking (trigger)		7	10	13	16	20				
	Grab (eye)		7	10	13	16	20				
	Sling (eye)		7	10	13	16	20				
	Foundry (eye)										
Working load		60°	3,120	4,160	8,320	14,040	21,320	33,280	40,300	56,420	85,280
Limits in		90°	2,520	3,360	6,720	11,340	17,220	26,880	32,550	45,570	68,880
Metric tons		120°	1,800	2,400	4,800	8,100	12,300	19,200	23,350	32,550	49,200
Master Link Sub-Assembly											
Chain Connector			7	10	13	16	20	22	26	32	
	Grab (Clevis)		7	10	13	16	20				
	Sling (Clevis)		7	10	13	16	20				
Hooks	Self Locking (trigger)		7	10	13	16	20				
	Grab (eye)		7	10	13	16	20				
	Sling (eye)		7	10	13	16	20				
	Foundry (eye)										
Working load limits in metric tons 90°		1,680	2,240	4,480	7,560	11,480	17,920	21,700	30,380	45,920	
Oblong Master Link											
Chain Connector			7	10	13	16	20	22	26	32	
	Grab (Clevis)		7	10	13	16	20				
Hooks	Grab (eye)		7	10	13	16	20				
Working load limits in metric tons 90°		2,520	3,360	6,720	11,340	17,220	26,880	32,550	45,570	68,880	
Oblong Master Link Sub-Assembly											
Chain Connector			7	10	13	16	20	22	26	32	
	Grab (Clevis)		7	10	13	16	20				
Hooks	Grab (eye)		7	10	13	16	20				

Performance

WORKING LOAD LIMITS (WLL) IN METRIC TONS

Chain Size mm	Single Straight Sling	Single Choke Hitch	Single Endless Basket Sling	Reeved Endless Sling	Double Branch Straight Sling			Double Branch Choke Hitch Sling @ 90°
					60°	90°	120°	
7,0	1,60	1,28	2,13	2,56	2,72	2,24	1,60	1,76
10,0	3,20	2,56	4,27	5,12	5,44	4,48	3,20	3,52
13,0	5,40	4,32	7,20	8,64	9,18	7,56	5,40	5,94
16,0	8,20	6,56	10,93	13,12	13,94	11,48	8,20	9,00
20,0	12,80	10,24	17,06	20,48	21,76	17,92	12,80	14,08
22,0	15,50	12,40	20,66	24,80	26,35	21,70	15,50	17,05
25,5	21,70	17,36	28,93	34,72	36,89	30,38	21,70	23,87
32,0	32,80	26,24	43,72	52,48	55,76	45,92	32,80	36,08
Load Factor	1,0	0,8	1,3	1,6	1,7	1,4	1,0	1,1

- Symbol WLL applies to both rectangular and circular loads.
- ▲ Symbol indicates nip angle - which must not exceed 120°

N.B. When a Grab Hook is used as the end fitting, the Working Load Limit will be the same as for Choke Hitch.

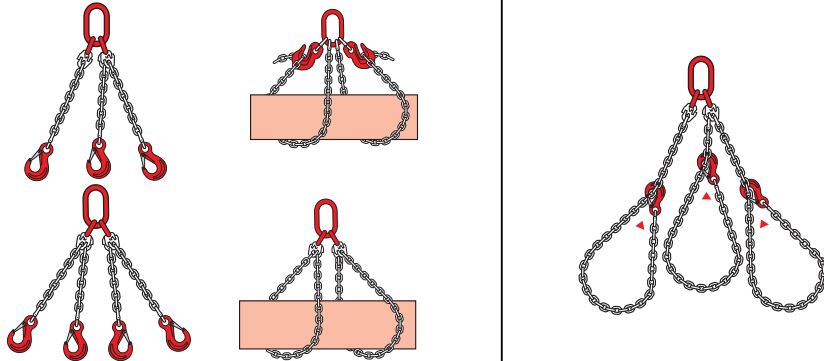
These maximum Working Load Limits apply to chain and chain slings used under ideal service conditions.

Where service conditions are less than ideal, the WLL may not apply in which case it will be necessary to select a larger size chain to suit the assessed WORKING CONDITIONS - pages 22 and 23.

Alloy Gr8 Chain is designed and manufactured primarily for Chain Slings for lifting and load handling purposes and it is recommended that only Alloy Gr8 Slings be used in those cases where the protection of personnel and equipment is of paramount importance.

consideration must be given to the angle of inclination between the Chains at the point of suspension and particularly in the case of choke hitches (▲). As this angle increases, there is a decrease in the Working Load Limit of the Chain Sling as shown in the tabulations on these pages. Use the widest included angle between any 2 legs to established the applicable WLL.

In deciding on the size of Chain Sling required, very careful



Chain Size mm	Triple & Quad Branch Straight and Basket Slings			Triple & Quad Branch Choke Hitch Slings 90°
	60°	90°	120°	
7,0	4,16	4,16	2,40	2,70
10,0	8,32	8,32	4,80	5,43
13,0	14,04	14,04	8,10	9,16
16,0	21,32	21,32	12,30	13,90
20,0	33,28	33,28	19,20	21,72
22,0	40,30	40,30	23,25	26,30
25,5	56,42	56,42	32,55	36,82
32,0	85,28	85,28	49,20	55,66
Load Factor	2,6	2,1	1,5	1,7

Effects of hazardous conditions

Extreme heat conditions

The strength of all chain slings is adversely affected by heat and care must be exercised when using chain slings at elevated temperatures. Where the temperatures are likely to be higher than 200°C it will be necessary to derate the usual WLL.

Heat treatment

Alloy Gr8 chains and fittings do not require periodic heat treatment and must never be reheat-treated other than by Chain.

Surface coating

Alloy Gr8 slings should not be galvanised or subjected to other plating processes without the express approval of the manufacturer. Please contact your Alloy Gr8 distributor for detailed recommendations.

Corrosive conditions

Chain and attachments should not be used in an acid or other corrosive environments. If a sling is inadvertently exposed to acid or alkali, even for a short period, it must be withdrawn from service.

Chain Sling Selection

Types... of standard Chain Slings are designated by the following symbols:

FIRST SYMBOL (Basic Type)

- S** Single Branch Chain Sling
- D** Double Branch Chain Sling
- T** Triple Branch Chain Sling
- Q** Quadruple Branch Chain Sling

SECOND SYMBOL (Type of Master Link or End Link)

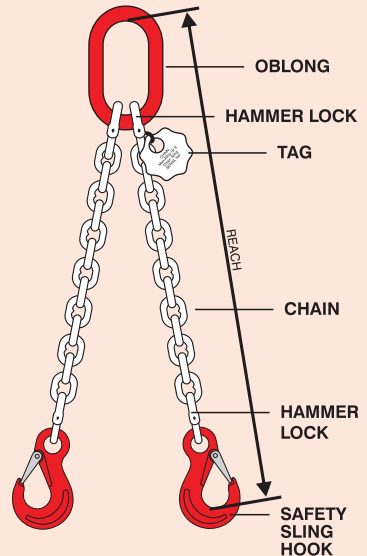
- O** Oblong Master Link of standard dimensions
- P** Pear Shaped Master Link (available on request - not a standard item)

THIRD SYMBOL (Type of Hook or End Link)

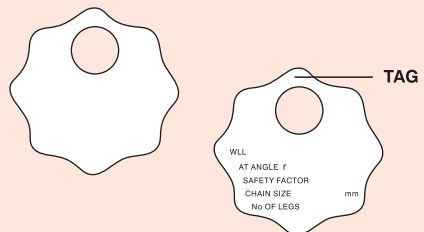
- S** Safety Sling Hook (Specify when Eye or Clevis)
- G** Grab Hook (Specify when Eye or Clevis)
- F** Foundry Hook
- SL** Self-locking Hook (Specify when Eye or Clevis)
- O** Oblong Master Link
- C** Chain Connector Coupling Link

EXAMPLE TYPE DOS

is a standard Max-Alloy Double Branch Chain Sling (D) with standard Oblong Master Link (O) and standard Safety Sling Hook.



**EVERY ALLOY Gr 8
CHAIN SLING IS TESTED
AND REGISTERED**



All Alloy Chains are tested to at least 2.5 x the recommended Working Load Limit. Every Alloy Chain Sling is registered and the number stamped on a durable tag (as illustrated) attached to a convenient position on the Chain Sling. This is a legal requirement in terms of Regulation 18 (10) (b) under "Lifting Machines and Lifting Tackle" in the Driven Machinery Regulations 1988 of the Occupational Health and Safety Act, Act 85 of 1993. A Certificate of Test is issued with every new and repaired Alloy Chain Sling.



MULTIQUIP

031 579 4294 011 392 3398

021 202 8246

Alloy Gr8

Master Links

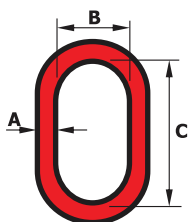
Special Master Links, Rings and Pear-shaped Links manufactured upon request

All dimensions are expressed in mm and are subject to commercial tolerances

ALLOY OBLONG

MASTER LINKS:

For Single and Two Leg Chain Slings

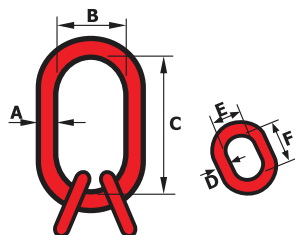


Oblong Link	A mm	B mm	C mm	Mass Each kg	Single Types SOS, SOG, SOF, CO	Double Types DOS, DOG of single Adjustable Loop & Single Basket
7m	14,0	60	125	0,46	7,0	7,0
10m	16,0	75	150	0,72	10,0	8,0
13m	20,0	90	160	1,25	13,0	10,0
16m	25,5	102	190	2,41	16,0	13,0
20m	32,0	140	240	4,88	20,0	16,0
22m	40,0	155	280	8,87	22,0	20,0
26m	45,0	175	320	12,77	26,0	22,0
32m	50,0	195	350	17,35	32,0	25,5
36m	60,0	220	410	29,15	-	32,0

ALLOY

MASTER LINK SUB-ASSEMBLY:

For Three and Four Leg Chain Slings



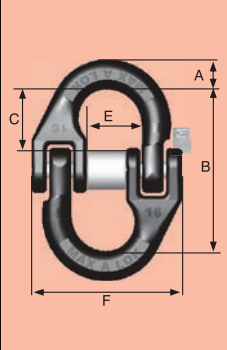
Sub Assembly	Size of Master Link in mm			Size of Coupling Link in mm			Mass in Each kg	Chain Size in mm
	A	B	C	D	E	F		
7m	20,0	90	160	13,0	35	60	1,7	7,0
10m	25,5	102	190	16,0	40	80	3,3	10,0
13m	32,0	140	240	22,0	50	90	6,8	13,0
16m	40,0	155	280	28,0	60	100	12,5	16,0
20m	45,0	175	320	32,0	75	125	18,5	20,0
22m	50,0	195	350	40,0	80	140	27,5	22,0
26m	60,0	220	410	45,0	90	165	44	25,5
32m	70,0	250	450	50,0	100	195	65,4	32,0

Chain & Coupling Link

All dimensions are expressed in mm and are subject to commercial tolerances

Chain Connector

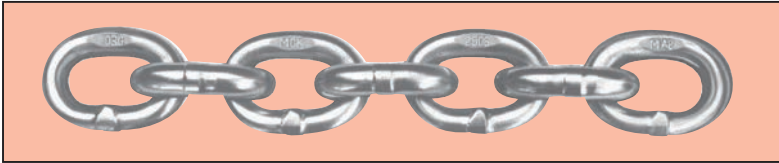
SABS 8539

	Chain Size	7 - 8	10,0	13,0	16,0	20,0	22,0	26	32,0
	Link Number & Marking	7 - 8	10	13	16	20	22	26	32
	A	9	12	16	20	23	26	31	40
	B	53	69	88	105	124	137	161	210
	C	20	27	35	41	48	54	63	85
	E	17	25	31	35	44	50	56	71
	Dia Hole to Accept Male Leg	14	19	23	27	32	34	40	51
	Approx Mass each - kg	0,15	0,3	0,65	1,1	1,85	2,9	4,8	8,54

Alloy Gr8

Alloy Chain

SABS 189



Batch/Traceability marks, thank of Alloy quality grade 800 (T) chain, the grade that should always be used for sling or lifting applications.

Chain Size - d (nom)	7	10	13	16
Inside Link Length	9,00	12,50	16,30	20,00
Outside Width - Max	24,50	35,00	46,00	56,00
Apporx. Links per m	47,60	33,30	25,60	20,80
Approx. kg per metre	1,07	2,20	3,80	5,63
WLL - t	1,50	3,20	5,00	8,00

All sizes from 32,0mm are manufactured to Grade 800 quality with a mean stress of 800 MPa at specified minimum breaking force.

In compliance with South African legislation pertaining to safe usage of lifting gear, working load limits applicable to Alloy Chain and Fittings are rated at a Factor of Safety of 4:1

Chain Connector Alloy is hea-treated alloy steel chain slings for lifting purposes. Possessing superior properties and high tensile strength, it is also used in many other applications requiring highest quality chains.

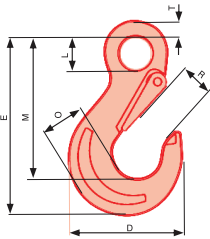
The working load limits must not be exceeded.

Larger Chain sizes 36,0 to 70,0mm available on request.

Engineered Fittings, Hooks

All dimensions are expressed in mm and are subject to commercial tolerances

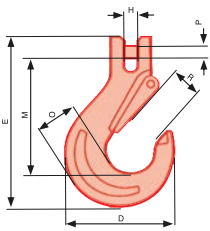
EYE SAFETY SLING HOOKS



Chain Size mm	Hook Number	D mm	L mm	M mm	E mm	R mm	O mm	W mm	T/S mm	Mass kg	Identification Markings
7,0	7	88	24	104	132	23	32	19	11	0,5	Batch, Size, Gr
10,0	10	108	31,5	132	165	29	41	24,6	14	0,9	Batch, Size, Gr
13,0	13	130	38	160	199	34	49	30	17	2,1	Batch, Size, Gr
16,0	16	152	44,5	186	233	32	58	35	23	3,5	Batch, Size, Gr
20,0	20	172	56	210	263	53	65	42	24	5,4	Batch, Size, Gr
22,0	320	218	43	222	304	71	82	49	30	8,0	22 CM Herc-alloy
25,5	330	244	48	250	340	79	90	54	32	10,5	26 CM Herc-alloy
32,0	350	287	59	292	394	98	102	62	41	20,0	32 CM Herc-alloy



CLEVIS SAFETY SLING HOOKS



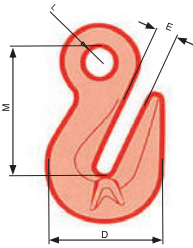
Chain Size mm	Hook Number	D mm	H mm	M mm	E mm	R mm	O mm	W mm	S mm	Mass kg	Identification Markings
7,0	7	88	9	93,5	137	23	32	19	23	0,5	Batch, Size, Gr
10,0	10	108	13,3	115,6	171	29	41	24,6	31	0,9	Batch, Size, Gr
13,0	13	130	16	139	206	34	49	30	37,5	2,1	Batch, Size, Gr
16,0	16	152	19	162	241	42	58	35	44	3,5	Batch, Size, Gr
20,0	20	172	22	184	274	53	65	42	51	5,4	Batch, Size, Gr



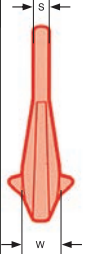
Engineered Fittings, Hooks

All dimensions are expressed in mm and are subject to commercial tolerances

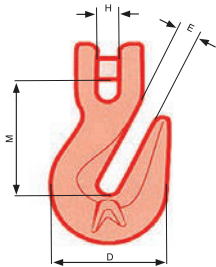
EYE GRAB HOOKS



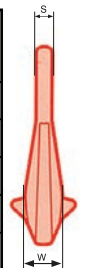
Chain Size mm	Hook Number	D mm	E mm	L mm	M mm	S mm	W mm	Mass kg	Identification Markings
7,0	7	57	10,5	16	65	9	21	0,2	Batch, Size, Gr
10,0	10	71	13	20	80	10	24	0,5	Batch, Size, Gr
13,0	13	90	17	25	102	16,5	30	1	Batch, Size, Gr
16,0	16	104	19	29	117	19	39	2	Batch, Size, Gr
20,0	20	125	23	35	157	23	46	3,2	Batch, Size, Gr
22,0	808	144	25	44	165	26	52	4,7	22CM Herc-alloy
25,5	809	178	30	48	206	33	66	9,7	26 CM Herc-alloy
32,0 (No cradle)	811	210	38	57	267	40	92	16,5	1/4 CM Herc-alloy



CLEVIS GRAB HOOKS

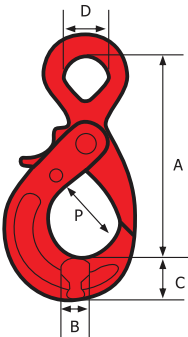


Chain Size mm	Hook Number	D mm	E mm	H mm	M mm	S mm	W mm	Mass kg	Identifications
7,0	7	57	10,5	9	60	23	21	0,2	Batch, Size, Gr
10,0	10	71	13	13	72	31	24	0,6	Batch, Size, Gr
13,0	13	90	17	16	88	37,5	30	1,1	Batch, Size, Gr
16,0	16	104	19	19	102	44	39	1,9	Batch, Size, Gr
20,0	20	125	23	22	124	51	46	3,3	Batch, Size, Gr



Gr8 Self-Locking Hooks Latchlock Hooks & Foundry Hooks

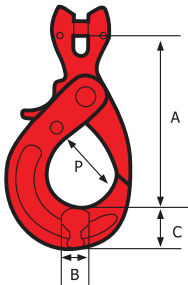
EYE SELF LOCKING HOOK



Chain Size mm	Code No.	Dimensions mm					Mass kg
		A	B	C	D	P	
7/8	YC01	136	20	24	25	35	0,8
10	YC02	167	26	30	32	45	1,4
13	YC03	207	30	38	40	54	2,7
16	YC04	252	40	48	52	62	5,6
18/20	YC05	282	41	57	64	68	8,5
22	YC06	319	49	63	70	82	11,2
25,5	YC07	343	56	69	80	99	14,5

Tested according to EN 1677-3

CLEVIS SELF LOCKING HOOK

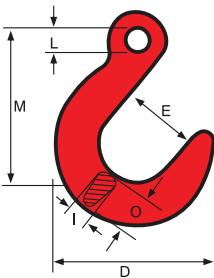


Chain Size mm	Code No.	Dimensions mm				Mass kg
		A	B	C	D	
7/8	YD01	119	19	24	34	0,8
10	YD02	143	24	31	45	1,5
13	YD03	179	27	40	54	2,8
16	YD04	212	36	53	63	5,6
18/20	YD05	319	49	71	80	7,5

Tested according to EN 1677-3

Gr8 Self-Locking Hooks Latchlock Hooks & Foundry Hooks cont.

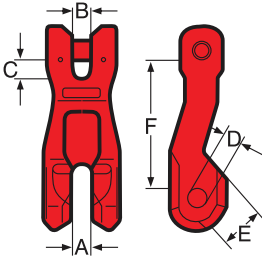
EYE-TYPE FOUNDRY HOOK



Chain Size mm	Hook Number	D mm	E mm	L mm	M mm	O mm	I mm	Mass kg	Identification Markings
7,0	HA-498	121	63	16	121	31	25	1,0	7 Foundry Alloy-8
10,0	499	146	76	19	146	38	32	2,0	10 Foundry Alloy-8
13,0	500	171	89	25	175	45	38	3,2	13 Foundry Alloy-8
16,0	501	198	102	32	205	52	46	5,5	16 Foundry Alloy-8
20,0	502	232	114	38	235	65	56	8,8	20 Foundry Alloy-8
22,0	503	256	127	44	264	71	57	12,0	22 Foundry Alloy-8
26,0	504	283	140	51	294	77	66	16,9	26 Foundry Alloy-8
32,0	505	322	152	60	327	97	81	26,5	32 Foundry Alloy-8

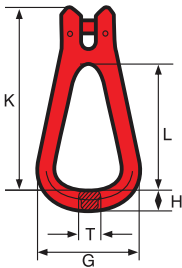
Gr8 Self-Locking Hooks Latchlock Hooks & Foundry Hooks cont.

CLEVIS SHORTENING CLUTCH



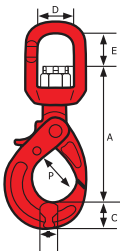
Chain Size mm	Code No.	Dimensions mm					Mass kg
		A,B	C	D	E	F	
7/8	KC 7	8	10	9	16	62	0,4
10	KC 10	12	14	12	25	87	0,9
13	KC 13	16	17	15	32	115	1,9
16	KC 16	20	19	19	39	143	3,2

CLEVIS REEVEABLE MASTER LINK



Chain Size mm	Code No.	Dimensions mm					Mass kg
		K	L	G	T	H	
7,0-8,0	YG01	124	87	75	14	15	0,4
10,0	YG02	155	108	96	18	19	0,7
13,0	YG03	196	136	108	23	22	1,3
16,0	YG04	239	165	124	24	26	2,6

SWIVEL SELF-LOCKING HOOK



Capacity Tons	Code No.	Dimensions mm						Mass kg
		A	B	C	D	E	P	
2,0	XLE1	146	21	29	37	39	43	1,35
3,15	XLE2	180	28	34	47	46	47	2,40
5,3	XLE3	214	32	43	58	58	61	4,50

Lifting & Pulling Lever Hoist & Chain Block

VD TYPE LEVER HOIST



Model (by 3m)	Type of Load Chain (mm)	Safe Working Load (Ton)	Proof Load (Ton)
VD 0.75Ton	6 x 18	0.75	1.125
VD 1.50Ton	7.1 x 21	1.50	2.250
VD 3.00Ton	10 x 30	3.00	4.500

LONGER LIFTS IF REQUIRED

VC-B TYPE CHAIN BLOCK



Model (by 3m)	Type of Load Chain (mm)	Safe Working Load (Ton)	Proof Load (Ton)
VC-B 1Ton	6 x 18	1.00	1.500
VC-B 2Ton	8 x 24	2.00	3.000
VC-B 3Ton	7.1 x 21	3.00	4.500
VC-B 5Ton	9 x 27	5.00	7.500

LONGER LIFTS IF REQUIRED

Lifting & Pulling

Geared Trolleys



Model : ATG (Geared Type)

Capacities : Push Type: 1, 2, 3, 5 Tons

Application : Industrial Duty

Note : Fits all beam profiles
Tools are required to install
Anti-Drop and Anti-Tilt Features

How to Order:
Advise : Capacity
Width and thickness of beam flange
Length of hand chain for geared
type trolley

Push Type Trolleys



Model : ATP (Push Type)

Capacities : Push Type: 1, 2, 3, 5 Tons

Application: Industrial and demanding applications

Note : Fits all beam profiles
No tools are required for installation up to 5 Ton (Threaded Load Bar)
Anti-Drop and Anti-Tilt Features

How to Order:
Advise: Capacity
Width of beam flange

Riggers Trolley



Model : CTP
(Push Type)

Capacities : 1, 2, 3 Tons

Application : All rigging applications

Note : Easy to install and remove
Locking mechanism
Fits all beam profiles
Anti-Drop and Anti-Tilt Features

How to Order:
Advise: Capacity
Width of beam flange

Other capacities / models available on request

Beam Clamps



Model : YC (Heavy Duty)
YRC (Extra Heavy Duty)

Capacities : 1, 2, 3, 5, 10 Tons

Application : Temporary rigging device

Note : Fits all beam profiles
Avoids damaging of slings around sharp structures

How to Order:
Advise: Capacity
Width of beam flange



Pulling Hoist

Model (by 20m)	Type of Wire Rope (mm)	Safe Working Load (Ton)	Proof Load (Ton)
0.8Ton	8.3	0.80	1.200
1.6Ton	11.0	1.60	2.400
3.2Ton	16.0	3.20	4.800

Use Snatch Blocks to increase the above Lifting and Pulling Capacities

How to Order:
Advise : Capacity
Length of Steel Wire Rope



Snatch Blocks

Capacities	Rope Diameter
1000kg	7mm
2000kg	13mm
3200kg	15mm
6400kg	18mm

How to Order:
Advise : Capacity
Rope Diameter





**High Performance
Electric Chain Hoists for Industrial,
Workstation and Special Applications**

- Model** : TBS
Capacities: 125, 250, 500, 1000, 2000kg
Product Overview
CPV : Hook to Hook Suspension Type
 Lug Suspension Tyoe
CPV/VTP : Electric Chain Hoist with Push Type Trolley
CPV/VTG : Electric Chain Hoist with Extended
 Handwheel Geared Trolley
CPV/VTE : Electric CHain Hoist with low headroom
 Electric Trolley

- How to Order:**
Advise : Capacity
 Height of lift
 Supply voltage
 Combination (refer above overview)
 Type of enviroment
 Number of lifts per hour
 Beam flange width and thickness
 (if trolley is required)



**Extremely Low Headroom,
Low Maintenance and Heavy Duty
Electric Chain Hoist**

- Model** : CPE
Capacities: 1600, 2000, 3000, 3200, 4000, 5000, 10 000kg
Product Overview
CPE : Hook to Hook Suspension Type
CPE/HTP : Electric Chain Hoist with Push Type Trolley
CPE/HTG : Electric Chain Hoist with Extended
 Handwheel Geared Trolley
CPE/VTE : Electric Chain Hoist with Electric Trolley

- How to Order:**
Advise : Capacity
 Height of lift
 Supply voltage
 Combination (refer above overview)
 Type of enviroment
 Number of lifts per hour
 Beam flange width and thickness

Lifting & Pulling

Air Hoist and Air-Driven Trolleys



Capacities : 0.25, 0.5, 1 Ton

Model : CPA

Capacities : 2,3,5, 6 Tons

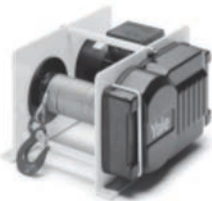
How to Order:

Advise: Capacity
Height of lift
Toggle or pendant control
Beam flange width (if trolley is required)
Type of trolley: push type
geared trolley
air-driven type

CPA



RPE



Wire Rope Winches

Model : RPE (Electric)

Capacities : RPE 0.25, 0.5, 0.9, 1 Ton

Model : RPA (Pneumatic)

Capacities : 0.25, 0.5 Tons

How to Order:

Advise: Capacity
Length of steel wire rope
Supply voltage for RPE Model

RPA





Vertical Plate Grab with Safety Lock

Capacities : 0.5 to 30 Tonnes

Application : Vertical transporting of individual steel plates

Note : The plate surface of the material must have a hardness level below HRC 30

How to Order:

Advise : Capacity

Material thickness



Horizontal Plate Grab

Capacities : 1 to 10 Tonnes

Application : Horizontal transporting of heavy gauge steel plate and bundles

Note : Capacity ratings are valid for 2 clamps with a maximum top angle of 90 between chain/rope legs

How to Order:

Advise : Capacity

Thickness of Steel Plate



Vertical Plate Grab with Safety Lock

Model : TBS

Capacities : 1 to 10 Tonnes

Application : Safe handling of steel plates at various angles

Note : The plate surface of the material must have a hardness level below HRC 30

How to Order:

Advise : Capacity

Material thickness



Container Lifting Lugs

Model : TCU & TCO

Capacities : TCU 32 Tonnes @ 50 per set of 4
TCU 40 Tonnes @ 36 per set of 4
TCO 56 Tonnes @ vertical per set of 4

Application : TCU for Side Lifting
TCO for Top Lifting

How to Order:

Advise : Capacity

Side Lifting or Top Lifting



Mechanical Jacks



Lifting & Pulling

Tigrip Material Handling Equipment



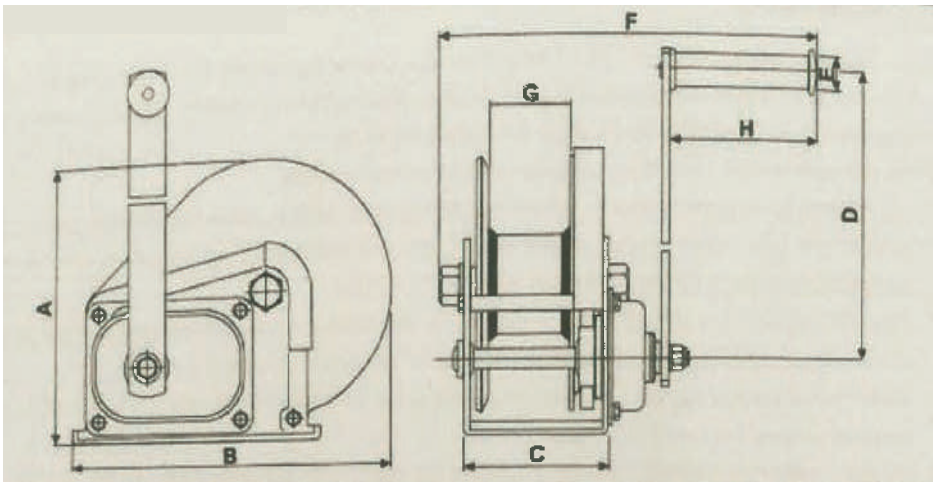
Steermans Machine Moving Systems



Brake Hand Winch Specifications

Model		1200LBS	1800LBS	2600LBS
Safe Working Load	LBS	1200	1800	2600
Proof Test Load	KN	8	12,13	17,64
Gear Ratio		4:2:1	5:1	10:1
Dimensions (mm)	A	156	203	216
	B	184	256	293
	C	88	107	127
	D	210	319	319
	E	27	27	27
	F	272	283	305
	G	51	60	63
	H	109	109	109
Net Weight	kg	3,7	7,7	10,1
Volume	cm	16 x 16 x 22	32 x 18,5 x 21	29,5 x 20 x 22,5

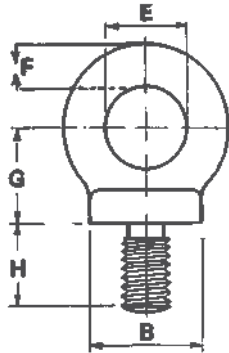
Specification Drawings



■ AS1418.2 Compliance applies when fitted with Approved Wire Rope and Fittings.

EYE BOLTS

EYEBOLM



METRIC

Code	All Dimensions in mm					
	Metric Thread	B	E	F	G	H
EBA	6	13	15	5	13	12
EBB	8	17	20	6	17	14
EBC	10	20	24	8	21	17
EBD	12	26	30	10	26	21
EBE	16	31	35	13	32	26
EBF	18	33	39	16	35	29
EBG	20	40	40	16	35	30
EBH	24	50	50	20	46	35

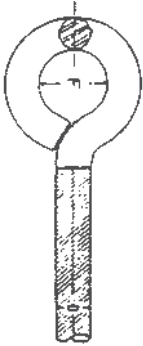
EYENUT



EYE NUT

Art. No.	Size mm	N.W. kg
ELF0402	10	0.065
ELF0403	12	0.130
ELF0404	16	0.250

EYE BOLTS



EYEBOLFAB FABRICATED EYE BOLTS

Size	Length	Eye Size	Thread Length
M 6	35mm	12mm	± ¼ of Shank
M 6	50mm	12mm	± ¼ of Shank
M 6	100mm	12mm	± ¼ of Shank
M 8	50mm	18mm	± ¼ of Shank
M 8	100mm	18mm	± ¼ of Shank
M 8	150mm	18mm	± ¼ of Shank
M 10	60mm	18mm	± ¼ of Shank
M 10	100mm	18mm	± ¼ of Shank
M 10	150mm	18mm	± ¼ of Shank



WREYE EYE HOIST HOOK (zinc plated)

Art. No.	W.L.L. Ton Alloy Steel	I.L. inch	I.D. of Eye inch	N.W. lbs
HF0701	¾	2.80	0.63	0.35
HF0702	1	3.22	0.75	0.55
HF0704	2	4.09	1.12	1.25
HF0705	3	4.69	1.25	1.70

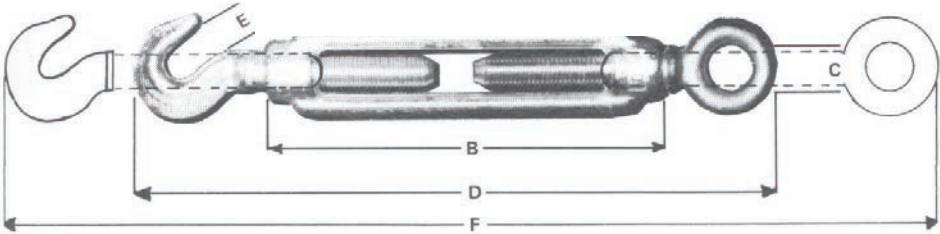
TURNBUCKLES

GALVANISED

HOOK & EYE / EYE & EYE

021 202 8246

TBDFHE/TBDFEE



Code	Screw Dia. mm	B mm	D mm	C mm	E mm	F mm	Mass Each kg
SDA	5	80	120	8	6	185	.045
SDB	6	90	145	10	7	225	.065
SDC	8	110	180	11	9	265	.125
SDD	10	125	210	14	11	320	.210
SDE	12	138	240	16	14	355	.350
SDF	16	165	345	23	16	450	.950
SDG	20	203	360	25	18	480	1.20
SDH	25	250	440	28	25	600	2.5

SNAP HOOK WITH EYELET, ZP



HKMS

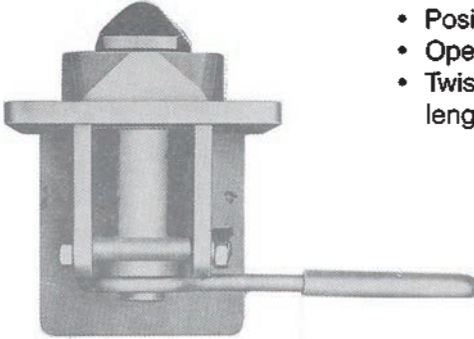
Art. No.	Size mm	N.W. kg/100pcs
TG0202	5X50	2.00
TG0203	6X60	3.00
TG0204	7X70	5.00
TG0205	8X80	7.50
TG0207	10X100	16.00

CARGO SECUREMENT

TWISTLOCK

- Singles
- Doubles

LEQSTWIST



- One hand operation
- Fixed or retractable
- Positive lock through full 90 degrees
- Open design ensures easy maintenance
- Twistlock supported throughout entire shaft length (with greaser point if required)
 - Operating lever gives visible warning of any condition
 - No loose parts. No special stowage. No retaining chains or catches.
 - Designed for the trailer industry for securing containers

RATCHET BUCKLES

LEQRT



- For use with webbing 25mm, 36mm, 50mm and 75mm wide
- Can be adapted to tension chain.
- Attaches to body by hook or D ring.
- Detaches from vehicle and can be interchanged onto other vehicles

STRAP FOR RATCHET TIE DOWN

LEQTDW



Art. No.	Size mm
RT0301	25
RT0303	36
RT0305	50
RT0307	75

CARGO SECUREMENT

RATCHET TIE DOWN WITH LOCK, zinc plated

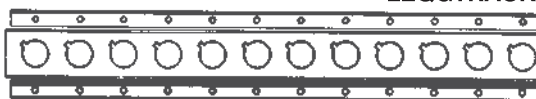
LEQTAIL



Art. No.	Size mm	Mass each
RT0201	25	0.26
RT0204	35	0.64
RT0206	50	1.30
RT0207	75	3.20

CARGO TRACK

LEQGTRACK



This cargo restraint system is designed for use in light delivery vans. The round hole track provides a series of multi-anchorage points for shoring bars and/or nylon strap assemblies. Particularly suitable for light cartoned loads.

Available in 3 and 6 metre lengths 85mm wide with 25mm hole.

DIE CASTING SINGLE PULLEY, zinc alloy, zinc plated

ROPAD



Art. No.	Size mm	Rope Dia. mm	NW kg/100 pcs
Z-P0103	25	6	4.7

DIE CASTING DOUBLE PULLEY, zinc alloy, zinc plated



Art. No.	Size mm	Rope Dia. mm	NW kg/100 pcs
Z-P0103	25	6	4.7

CARGO SECUREMENT

MULTIQUIP 

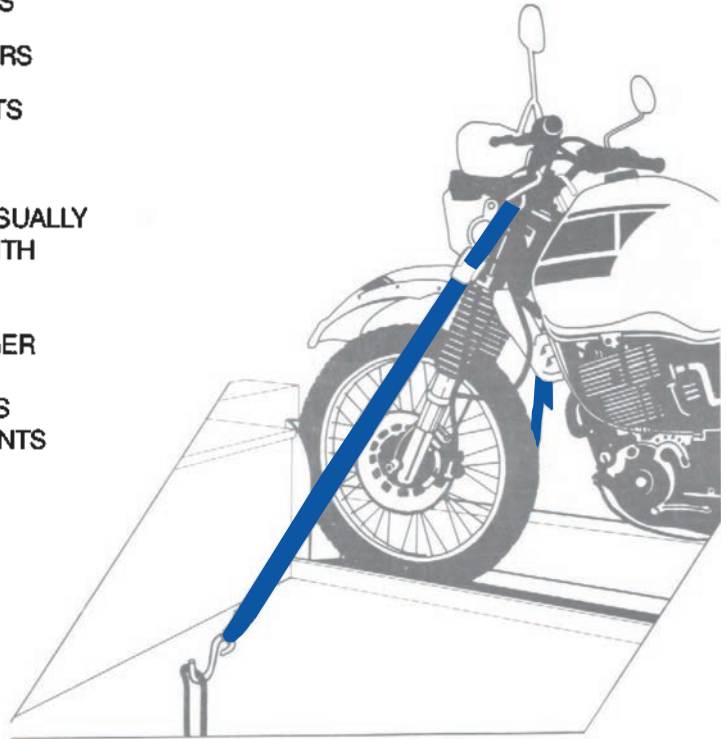
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MOTORBIKE TIE DOWNS

LEQTDMBIKE

- * FOR SECURING LIGHT DUTY LOADS
- * MOTORBIKES
- * WINDSURFERS
- * SMALL BOATS
- * LUGGAGE
- * WEBBING USUALLY
2m LONG WITH
2 HOOKS –
CAN BE
MADE LONGER
TO
CUSTOMER'S
REQUIREMENTS





TARPAULINS

**Manufactured to
customer's specifications
and sizes.**

Manufactured in various colours and weights:

50gsm, 700gsm and 800gsm

blue, green, red, yellow, brown,

black and white

and come complete with eyelets and ropes.

We also manufacture the following:

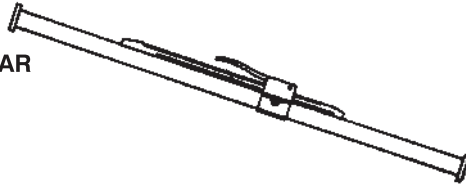
- Boat covers • Box and shaped tarpaulins
- Waste bin covers • PVC bags • Tool bags
 - Pool liners • Reservoir liners
- Poultry roll up curtains • Tautliner curtains
 - Sliding curtains • Cricket pitch covers
 - Tents and marquees
- Polypropylene and polyethylene material
 - Shade cloth.

CARGO SECUREMENT

CARGO BAR WITH ALUMINIUM TUBE COMPLETE SET

Adjustable 2,100 - 2,470m/m

LEQSCARGO BAR

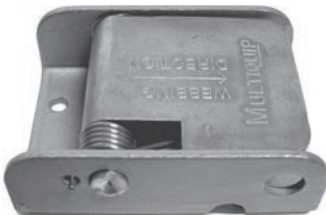


UNIVERSAL SHORING BAR

LEQSHORE



Universal adjustment between 2,21 metre and 2,51 metre. Close spacing of cargo track anchor holes makes it possible to place bars directly behind load, leaving a minimum amount of room for movement. Tapered end plug provides extra stability to bar when vehicle is in motion.



CAM BUCKLE

LEQCAM

For use with 25mm and 45mm webbing. Lift to open locking system ensures no accidental opening, ideal for inexpensive light duty work.

TRUCK WINCH

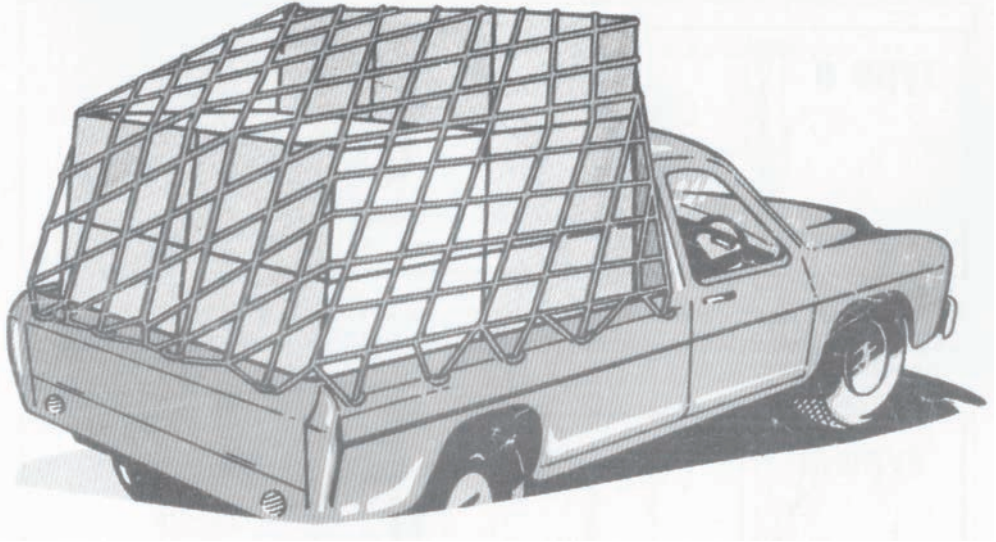
LEQXTRUCK

- For use with webbing up to 50mm wide 6000kg or chain
- Welds or bolts to body of vehicle or slides along winch track
- Permanently attached to vehicle



CARGO SECUREMENT

MULTIQUIP 
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LEQNET

CARGO NETS

Eliminates freight loss in transit.

Reduces theft from vehicles.

Permits higher loads.

SIZES

Manufactured to customer's sizes.

TYPES

Cargo nets
Truck nets
Scaffolding nets
Cricket netting
Bird netting
Waste bin nets
Commando nets
Playground nets
Jungle gym nets
Bakkie nets
Lifting nets.






POLYESTER DUPLEX WEBBING LIFTING SLINGS

Hi-Lift® Polyester Flat Duplex Webbing Slings

Hi-Lift Woven Webbing Slings are colour coded by safe mass load in accordance with international standard specifications.

The Hi-Lift Woven Webbing Sling safe mass loads listed in the chart below are for the **sewn component**. In addition each sling is fitted with a label which reflects the safety factor (7:1) and the safe work load under different applications.

SAFE MASS LOAD IN KG

		DUPLEX FLAT WEBBING SLING				
		SANS 94-1: 2003 - EN - 1492-1: 2008				
		WORKING LOAD LIMITS				
COLOUR	WIDTH	STRAIGHT PULL	CHOKER HITCH	BASKET PULL	BASKET 90°	BASKET 120°
						
		100%	80%	200%	140%	100%
VIOLET	50MM	1000	800	2000	1400	1000
GREEN	60MM	2000	1600	4000	2800	2000
YELLOW	90MM	3000	2400	6000	4200	3000
GREY	120MM	4000	3200	8000	5600	4000
RED	150MM	5000	4000	10000	7000	5000
BROWN	180MM	6000	4800	12000	8400	6000
BLUE	240MM	8000	6400	16000	11200	8000
ORANGE	300MM	10000	8000	20000	14000	10000

POLYESTER WEBBING LIFTING SLINGS

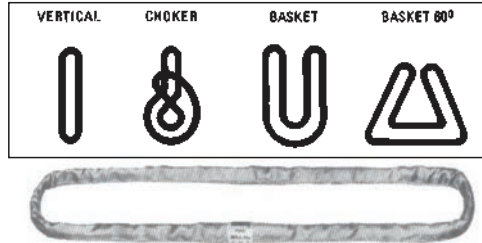
ENDLESS ROUND **MULTIQUIP**



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021 202 8246

Multiquip Round Slings – Endless








Polyester Round Slings are manufactured locally in sizes from 1 metre upwards in length. Popular lifting capacities range between 1 ton and 50 tons, are available on demand.

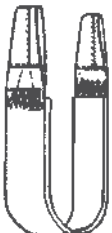
Slings of larger capacity and length are available on request.

These slings are clean, easy and light to handle and are ideally suited for finished or treated surfaces.

Outer covering of slings are in specific colours for lifting capacity identification purposes. In addition each sling is fitted with a label which reflects the safety factor (7:1) and the safe work load under different applications.

Ironman Soft Endless Slings

		ENDLESS ROUND WEBBING SLING				
		SANS 94-2: 2003 - EN - 1492-2: 2008				
		WORKING LOAD LIMITS				
COLOUR	WIDTH	STRAIGHT PULL	CHOKER HITCH	BASKET PULL	BASKET 90°	BASKET 120°
						
		100%	80%	200%	140%	100%
VIOLET	37MM	1000	800	2000	1400	1000
GREEN	48MM	2000	1600	4000	2800	2000
YELLOW	60MM	3000	2400	6000	4200	3000
GREY	80MM	4000	3200	8000	5600	4000
RED	80MM	5000	4000	10000	7000	5000
BROWN	85MM	6000	4800	12000	8400	6000
BLUE	90MM	8000	6400	16000	11200	8000
ORANGE	135MM	10000	8000	20000	14000	10000



Multiquip Polyurethane covered slings

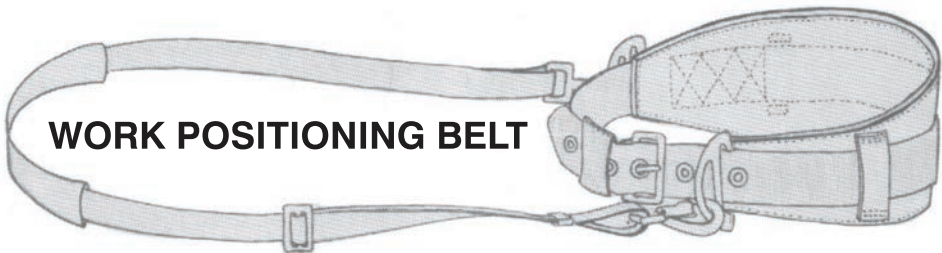
Manufactured from nylon webbing 45 mm to 200mm wide and in any length.

The Polyurethane cover may be applied to either one or both sides of the sling and is obtainable in any thickness.

This type of sling is extremely useful in handling materials such as flat rolled steel coils.

INDUSTRIAL SAFETY BELTS

MULTIQUIP 
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SABS / SANS

- 75mm wide webbing, double layer.
- Single pin buckle with reinforced eyelets.
- 150mm wide kidney support padded with high quality felt.
- D Rings permanently fixed to kidney support.
- 1.8 metre lanyard in 45mm webbing with PVC wear sleeve.
- Heavy duty snap hooks for single hand attachment.
- SABS approved and complying with SANS 50358 and SANS 50354.

***FOR MORE INFORMATION REFER TO OUR
INDUSTRIAL SAFETY HARNESS & BELT CATALOGUE***

INDUSTRIAL SAFETY BELTS

MULTIQUIP 
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021 202 8246



FULL BODY HARNESS

- The ultimate in "Full Harness" belts
- SABS/SANS 50361, 50354, 50355
- Shoulder and crutch harness
- 45mm waist belt with or without padded kidney support
- Fully adjustable waist belt
- Rear lift for lanyard attachment
- D Rings on hips for pole belt

**FOR MORE INFORMATION
REFER TO OUR
INDUSTRIAL SAFETY HARNESS
& BELT CATALOGUE**

NOTES

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28	30	32	36	40	44	48	52	56	60	64	72	80	88	96	
3-1/2"	3-3/4"	4"	4-1/2"	5"	5-1/2"	6"	6-1/2"	7"	7-1/2"	8"	9"	10"	11"	12"	
112	129	146	164	228	278	330	384	446	512	582	738	911	1102	1313	Abrasion resistance - Very Good
51.0	58.6	66.4	83.7	104	126	150	175	203	233	265	336	415	501	597	Acid resistance - Resistant to most acids
195	170	180	120	96	80	67	57	49	43	38	29	24	20	16	Moisture absorption - ±5%
15800	17900	20000	24800	30000	36900	42000	48800	56000	63600	72000	80000	110000	131000	194000	
112	129	146	164	228	278	330	384	446	512	582	738	911	1102	1313	Abrasion resistance - Very Good
51.0	58.6	66.4	83.7	104	126	150	175	203	233	265	336	415	501	597	Acid resistance - Resistant to most acids
195	170	150	120	96	80	67	57	49	43	38	29	24	20	16	Moisture absorption - ±5%
15800	17900	20000	24800	30000	36900	42000	48800	56000	63600	72000	80000	110000	131000	194000	
138	158	180	228	281	340	405	472	551	632	719	910	1124	1361	1618	Abrasion resistance - Very Good
62.8	71.8	81.9	104	128	155	185	215	251	288	327	414	511	619	736	Acid resistance - Resistant to most acids
159	139	122	96	78	65	54	47	40	35	30	24	19	16	13	Moisture absorption - ±5%
12200	13720	16780	19300	23900	28480	33800	39100	44700	49600	57900	72180	86400	106000	126000	
79	90	101	129	158	194	229	268	312	359	407	515	638	772	916	Abrasion resistance - Good
35.5	41	46	59.7	71.9	88.2	105	122	142	164	185	235	290	351	417	Acid resistance - Resistant to most acids
280	250	219	170	139	113	96	82	70	61	54	43	34	26	24	Moisture absorption - Nil
10100	11400	12800	16100	19400	23400	27200	31380	36000	41200	46900	58000	72000	86400	102000	
96	99	112	142	175	212	252	296	345	395	449	567	700	850	1010	Abrasion resistance - Good
39.1	45.0	51.0	64.6	79.8	96.4	115	136	157	180	205	258	318	386	459	Acid resistance - Resistant to most acids
266	222	196	155	125	103	87	74	64	56	49	39	31	26	22	Moisture absorption - Nil
4036	4640	5040	6360	7800	9360	11040	12840	14880	17160	19680	24480	29640	35280	41400	
128	143	167	210	261	318	374	440	510	584	666	841	1040	1257	1495	Abrasion resistance - Excellent
58	65	76	95	119	143	170	200	232	266	303	382	473	571	680	Acid resistance - Poor
172	154	132	105	84	70	59	50	43	38	33	26	21	17	15	Moisture absorption - High
6440	7360	8270	10310	12650	15020	17720	20630	23750	28064	32630	38180	45580	54220	64670	
128	143	167	210	261	315	374	440	510	584	666	841	1040	1257	1495	Abrasion resistance - Excellent
58	65	76	95	119	143	170	200	232	266	303	382	473	571	680	Acid resistance - Poor
172	154	132	105	84	70	59	50	43	38	33	26	21	17	15	Moisture absorption - High
8070	8680	9280	11340	13940	16710	19660	22800	26160	29760	34610	40720	48100	56840	66960	
128	143	167	210	261	315	374	440	510	584	666	841	1040	1257	1495	Abrasion resistance - Excellent
58	65	76	95	119	143	170	200	232	266	303	382	473	571	680	Acid resistance - Poor
172	154	132	105	84	70	59	50	43	38	33	26	21	17	15	Moisture absorption - High
5490	6170	6840	8640	10620	12800	15230	17770	19820	22610	25900	32010	39220	47190	55880	
128	143	167	210	261	315	374	440	510	584	666	841	1040	1257	1495	Abrasion resistance - Excellent
58	65	76	95	119	143	170	200	232	266	303	382	473	571	680	Acid resistance - Poor
172	154	132	105	84	70	59	50	43	38	33	26	21	17	15	Moisture absorption - High
5410	6170	6940	8640	10620	12800	14830	17270	19820	22610	25900	32010	38220	47190	55880	
132	152	172	216	269	325	385									
60.0	69	78	98	122	148	175									
166	145	128	102	82	68	57									
6070	6790	7790	9720	11830	14170	16710									
132	152	172	216	269	325	385									
60.0	69	78	98	122	148	175									
166	145	128	102	82	68	57									
3820	4470	4850	6000	7380	8980	11280									

AVAILABLE BY THE METRE OR BY THE ROLL

MISCELLANEOUS

Anchors and Anchor Chain	Jacks – Pallet Jacks
Anchor Joining Shackles (Kenter & "D")	Ladder Pulleys
Awning Pulleys	Lashing Grab Hooks
Bed Chains	Overhead Gantries
Beam & Girder Clamps	Plate Grab made to suit special applications
Bosuns Chairs	Rope ladders – fibre rope
Bush Cutter Harness	Rope Slings – Manila & Synthetic Fibre
Cam Buckles	Skates and Turntables – Machine Moving
Cargo Nets	Sling Inspection – Testing and supply of certificates
Capstan Ropes – Howser/Flexply	Sockets and Wedges
Chain Blocks/Tirfor/Lever Block Repairs and Testing	Spreader Bars
Choker Hooks	Swivels – Chain
Cotton Covered Steel Wire Rope	Tarpaulins – All colours
Cricket Covers – PVC	Tarpaulins – Repair
Cricket Netting	Tarpaulins – Washing and Repair
Drum Hooks	Wire Rope Dressing/Grease
Drum Lifting Clamp	Wire Rope Winches
Eye Nuts	
Fancy and Decorative Chain	

**Extract from the Occupational Health and Safety Act No. 85 of 1993:
Driven Machinery Regulation 18 Subregulation 10 (1988)**

10. No user shall use or allow the use of any lifting tackle unless the following conditions are complied with, namely that -
- (a) every item of lifting tackle is well constructed of sound material, is strong enough and is free from patent defects and is in general constructed in accordance with a generally accepted technical standard;
 - (b) every lifting assembly consisting of different items of lifting tackle is conspicuously and clearly marked with identification particulars and the maximum mass load which it is designed to lift with safety;
 - (c) ropes or chains have a factor of safety with respect to the maximum mass load they are designed to lift with safety of -
 - (i) ten for natural-fibre ropes;
 - (ii) seven for man-made fibre ropes or woven webbing;
 - (iii) six for steel-wire ropes except for double part spliced endless sling legs and double part endless grommet sling legs made from steel-wire rope, in which case the factor of safety shall be at least eight;
 - (iv) five for steel chains; and
 - (v) four for high-tensile or alloy steel chains;Provided that when the load is equally shared by two or more ropes or chains the factor of safety may be calculated in accordance with the sum of the breaking strengths taking into consideration the angle of loading;
 - (d) steel-wire ropes are discarded and not used again for lifting purposes if the rope shows signs of excessive wear, too many broken wires, corrosion or other defects that have made its use in any way dangerous;
 - (e) such lifting tackle is examined at intervals not exceeding three months by a person contemplated in subregulation (5)* who shall enter and sign the result of each such inspection in a book kept for this purpose; and
 - (f) such lifting tackle is stored or protected so as to prevent damage or deterioration when not in use.

Please note:

- 1 Regulation 18, subregulations 1-9 relates to Lifting Machines.
- 2 Regulation 18, subregulations 10 relates to Lifting Tackle.
- 3 ISO 3056
- 4 EN 818-6

*Please consult the appropriate legislation.

**Extract from the Occupational Health and Safety Act No. 85 of 1993:
Driven Machinery Regulation 18 Subregulation 5 & 6 (1988)**

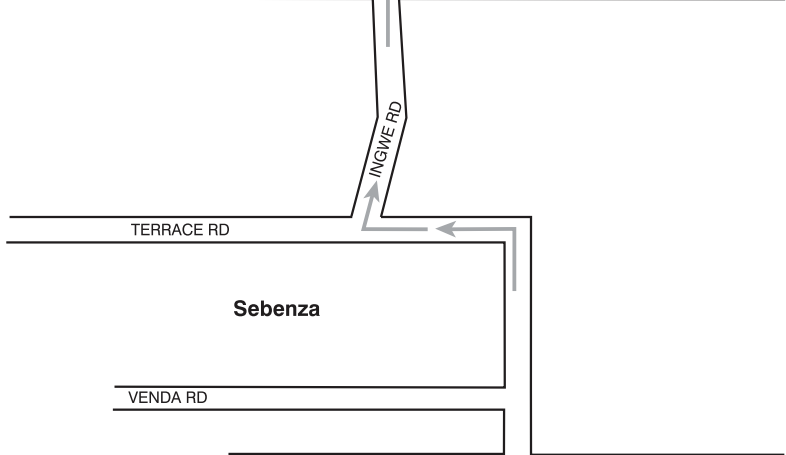
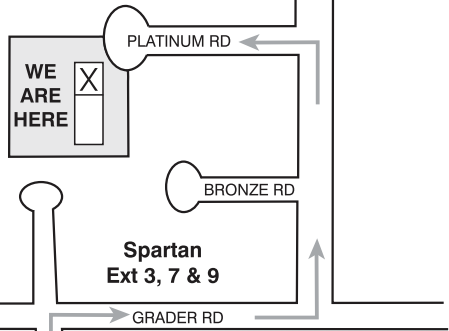
- (5) The user shall cause the whole installation and all working parts of every lifting machine to be thoroughly examined and subjected to a performance test, as prescribed by the standard to which the lifting machine was manufactured, by a person who has knowledge and experience of the erection and maintenance of the type of lifting machine involved or similar machinery and who shall determine the serviceability of the structures, ropes, machinery and safety devices, before they are put into use following every time they are dismantled and re-erected, and thereafter at intervals not exceeding 12 months: provided that in the absence of such prescribed performance test the whole installation of the lifting machine shall be tested with 110% of the rated mass load, applied over the complete lifting range of such machine and in such a manner that every part of the installation is stressed accordingly.
 - (6) Notwithstanding the provisions of subregulation (5), the user shall cause all ropes, chains, hooks or other attaching devices, sheaves, brakes and safety devices forming an integral part of a lifting machine to be thoroughly examined by a person contemplated in subregulation (5) at intervals not exceeding six months.
- (N.B. Lifting tackle inspections = 3 monthly).

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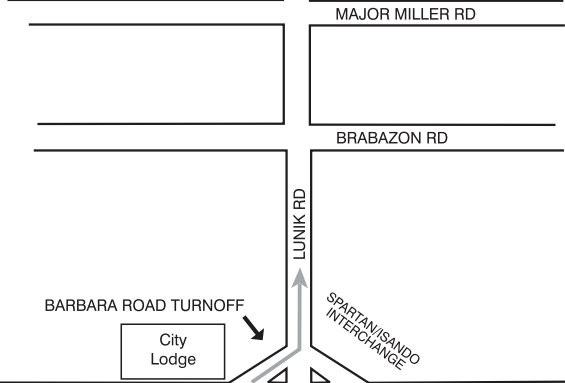
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