SHACKLES

Green Pin from Van Beest is a premium European manufactured shackle respected worldwide and has become synonymous with exceptional quality, safety and professional reliability.

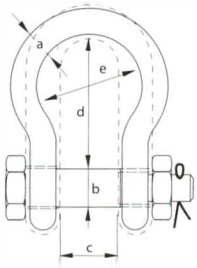
Green Pin® Standard Shackles

- **Material** : Bow and pin high tensile steel, Grade 6, quenched and tempered
- **Safety Factor** : MBL equals 6 x WLL
- **Standard** : EN 13889 and meets performance requirements of US Fed. Spec. RR-C-271
  DNV type approved to certification note 2.7-1
- **Finish** : Hot dipped galvanized
- **Temperature Range** : -20°C up to +200°C
- **Certification** : At no extra charges this product can be supplied with a works certificate, material certificate, manufacturer test certificate and/or EC Declaration of Conformity

SANS 2415
Compliant


G-4161


G-4151




G-4163


G-4153

working load limit	diameter bow	diameter pin	width inside	length inside		width bow	weight each	
				dee type	bow type		screw pin	safety bolt
	a	b	c	d	d	e		
tons	mm	mm	mm	mm	mm	mm	kg	kg
0.33	5	6	9.5	19	22	16	0.02	--
0.5	7	8	12	22	29	20	0.05	0.06
0.75	9	10	13.5	26	32	22	0.10	0.11
1	10	11	17	32	36.5	26	0.14	0.16
1.5	11	13	19	37	43	29	0.19	0.22
2	13.5	16	22	43	51	32	0.36	0.42
3.25	16	19	27	51	64	43	0.63	0.74
4.75	19	22	31	59	76	51	1.01	1.18
6.5	22	25	36	73	83	58	1.50	1.77
8.5	25	28	43	85	95	68	2.21	2.58
9.5	28	32	47	90	108	75	3.16	3.66
12	32	35	51	94	115	83	4.31	4.91
13.5	35	38	57	115	133	92	5.55	6.54
17	38	42	60	127	146	99	7.43	8.19
25	45	50	74	149	178	126	12.84	14.22
35	50	57	83	171	197	138	18.15	19.85
42.5	57	65	95	190	222	160	26.29	28.33
55	65	70	105	203	260	180	37.6	39.59
85	75	83	127	229	329	190	--	62

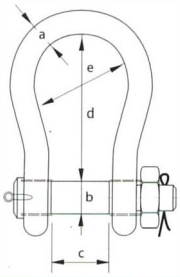
VAN BEEST Holland

SHACKLES & WIRE ROPE CLIPS

Green Pin from Van Beest is a premium European manufactured shackle respected worldwide and has become synonymous with exceptional quality, safety and professional reliability.

Green Pin® Heavy Duty Shackles

- **Material** : Bow and pin alloy steel, Grade 8, quenched and tempered
- **Safety Factor** : MBL equals 5 x WLL
- **Finish** : Shackle bow painted silver, pin painted green (120 tons shackle is hot dipped galvanized)
- **Certification** : At no extra charges this product can be supplied with a works certificate, material certificate, manufacturer test certificate, EC Declaration of Conformity and all shackles starting from 150 tons are supplied with a Lloyd's Register of Shipping Certificate on proof load
- **Note** : + 5% forging tolerance on inside width and length



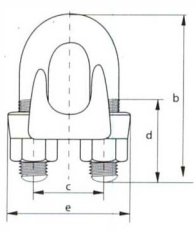
P-6036

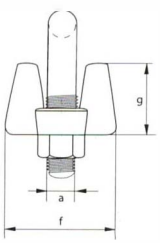
working load limit	diameter bow	diameter pin	width inside	length inside	width bow	weight each
	a	b	c	d	e	
tons	mm	mm	mm	mm	mm	kg
120	95	95	147	400	238	110
150	105	108	169	410	275	160
200	120	130	179	513	290	235
250	130	140	205	554	305	285
300	140	150	205	618	305	340
400	170	175	231	668	325	560
500	180	185	256	718	350	685
600	200	205	282	718	375	880
700	210	215	308	718	400	980
800	210	220	308	718	400	1100
900	220	230	328	718	420	1280
1000	240	240	349	718	420	1460
1250	260	270	369	768	450	1990
1500	280	290	369	818	450	2400

Green Pin® wire rope clips

generally to EN 13411-5 Type B

- **Material** : Bridge : Drop forged high tensile steel SAE 1045
  U-bolt : SAE 1015
- **Standard** : EN 13411-5 Type B
  Formerly U.S. Federal Specification FF-C-450D
- **Finish** : Hot dipped galvanized nuts for diameter bow 5 and 6 mm are electro-galvanized
- **Certification** : A works certificate can be supplied upon request





G-6240

diameter wire rope		diameter	length bow	width inside	length thread	length base	thickness base	height base	weight per 100 pcs
		a	b	c	d	e	f	g	
inch	mm	mm	mm	mm	mm	mm	mm	mm	kg
1/8	4	5	24	12	11	24	21	10	2
3/16	5	6	31	15	13	29	24	13	4
1/4	7	8	34	19	13	37	30	18	8
5/16	8	10	45	22	19	43	33	19	14
3/8	10	11	49	26	19	49	42	25	19
7/16	11	12	60	30	25	58	46	26	31
1/2	13	13	61	30	25	58	48	31	34
9/16	15	14	72	33	32	63	52	31	36
5/8	16	14	74	33	32	64	54	36	45
3/4	20	16	86	38	37	72	57	38	68
7/8	22	19	98	45	41	80	62	40	108
1	26	19	108	48	46	88	67	47	113
1 1/8	30	19	117	51	51	91	73	48	140
1 1/4	34	22	130	59	54	105	79	56	207
1 3/8	36	22	140	60	59	108	79	58	234
1 1/2	40	22	147	66	60	112	85	64	266
1 5/8	42	25	161	70	67	121	92	67	329
1 3/4	46	29	174	78	70	134	97	76	441
2	52	32	195	86	78	150	113	85	603
2 1/4	58	32	213	98	81	162	116	100	707
2 1/2	65	32	227	105	87	168	119	113	806
2 3/4	72	32	243	112	91	174	127	124	1000
3	78	38	271	121	98	194	135	136	1440

VAN BEEST

Holland

WIRE ROPE WINCHES

A range of wire rope pulling machines with built-in safety features and long lasting durability for industrial applications. Pull, lift, lower and position with complete safety.

Maxiwinch wire rope winches are suitable for pulling, lifting, tensioning and releasing in any direction.

Maxiwinches are available in light and compact aluminium and pressed steel construction for applications where aluminium is not recommended.

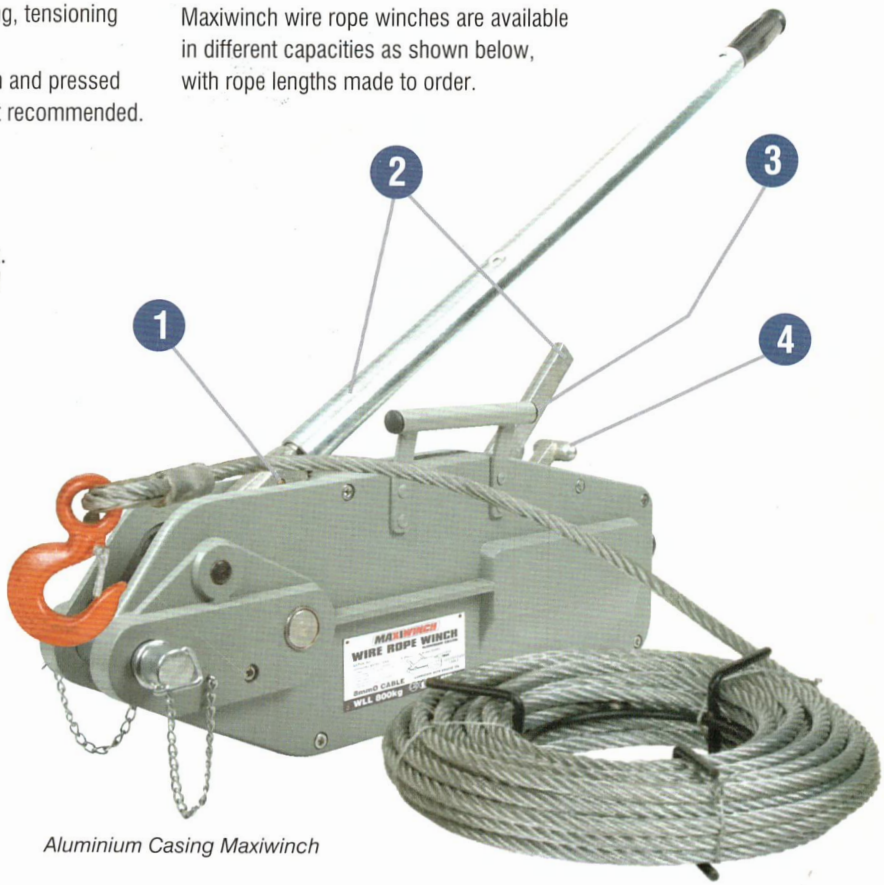
Maxiwinch wire rope winches are available in different capacities as shown below, with rope lengths made to order.

1. ***Built-in shearing pin***
   Prevents overloading. It functions at approx. 25% overload and the pins can be replaced without removing the load.

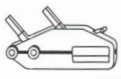
2. ***Backward & Forward levers***
   Placed in tandem providing a slim design and assuring power transfer along the centre.

3. ***Spare shear pins***
   Two pieces of spare shear pins located in the carrying handle.

4. ***Rope clamp system***
   Easily disengaged with a lever allowing smooth installation of wire rope.

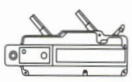


Aluminium Casing Maxiwinch



SPECIFICATIONS & DIMENSIONS (ALUMINIUM CASING)

Model Number (ALUMINIUM CASING)	Capacity of Force (kg)	Rope Diameter (mm)	Net Weight (kg)	Overall Length (mm)	Overall Height (mm)	Overall Width (mm)
MWU08	800	8	6	426	235	64
MWU16	1600	11	11	545	280	97
MWU32	3200	16	22	660	325	116
MWU54	5400	20	59	930	480	152



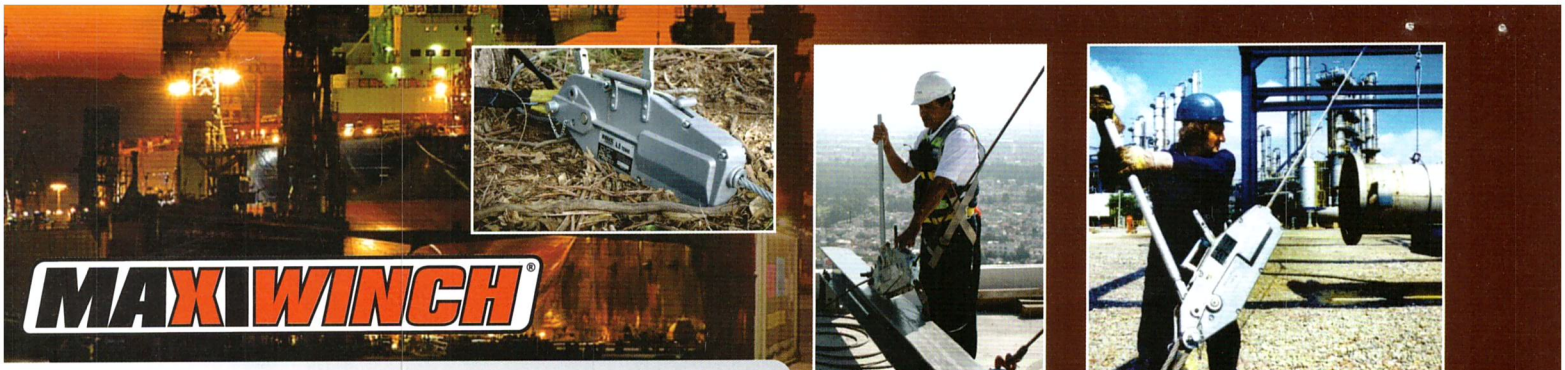
SPECIFICATIONS & DIMENSIONS (STEEL CASING)

Model Number (STEEL CASING)	Capacity of Force (kg)	Rope Diameter (mm)	Net Weight (kg)	Overall Length (mm)	Overall Height (mm)	Overall Width (mm)
MWSTU08	800	8	8	440	265	63
MWSTU16	1600	11	14.5	550	300	77
MWSTU32	3200	16	28	690	350	91

MAXIWINCH ROPE

Wire ropes with eye or swivel hooks on one end are available in any length required.

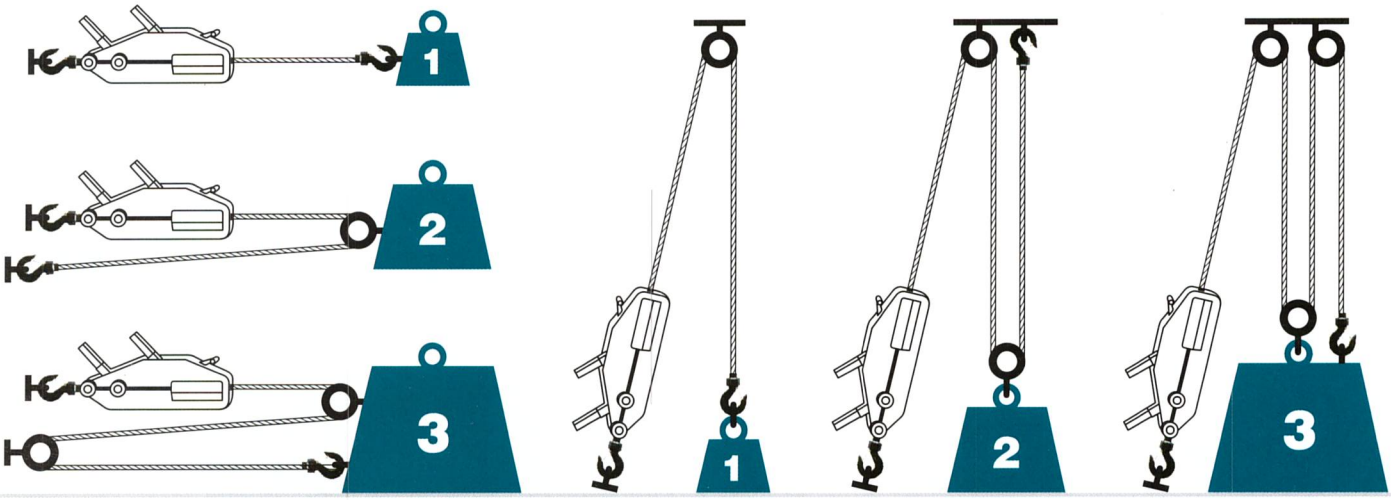
Wire ropes with copper ferrules are available for applications where aluminium is to be avoided.



WIRE ROPE WINCHES

A range of wire rope pulling machines with built-in safety features and long lasting durability for industrial applications. Pull, lift, lower and position with complete safety.

INCREASE THE PULLING & LIFTING CAPACITY



The pulling and lifting capacity of MAXIWINCH Wire Rope Winches can be increased greatly by use of sheave blocks in various configurations. These can increase the nominal capacity of the winch by 2, 3 or more times (see illustrations above).

Allowance must be made for friction in the sheaves. Always ensure that the capacity of the sheave blocks, anchor points and all fittings are suitable for the load.

CHECK BEFORE EACH USE

- Inspect the MAXIWINCH for defects such as excessive wear, twisted or bent links
- Check the wire for bird caging or kinks and ensure that the free end is slightly tapered to enable easy threading through the winch
- Check hooks for distortion or damage
- Ensure that the branding label is in good condition and clearly legible
- Withdraw the winch from service if any of these defects are visible

CAUTION!

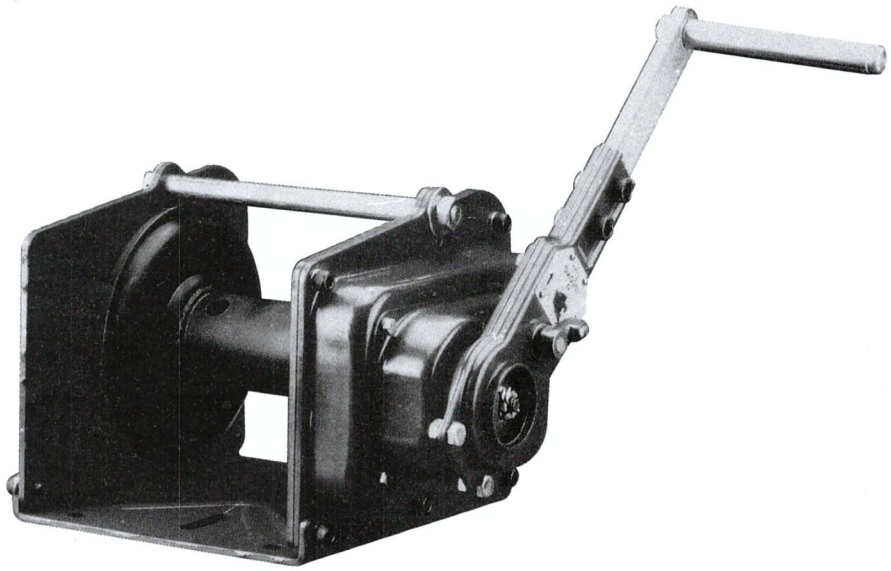
Always follow the operating instructions as indicated on the branding label
Always wear the correct safety gear when using wire rope winches

LUBRICATION & CLEANING

- Lubricate all moving parts EXCEPT THE PULLING JAWS with engine oil
- Keep all visual parts clean and free from grease and oil
- Remove the wire rope after use and coil properly

Steel Casing Maxiwinch

TIGER SF-2200
INDUSTRIAL HAND WINCH



SPECIFICATIONS AND DIMENSIONS	SF-2200
Capacity	1 000 KgF
Levering effort	10 Kg
Gear ratio	22.2 : 1
Rope capacity	35M
Rope diameter	8mm*
Drum diameter	60mm
Net weight	16 Kg

*6x36 IWRC

— MAY BE USED IN LIFTING APPLICATIONS —

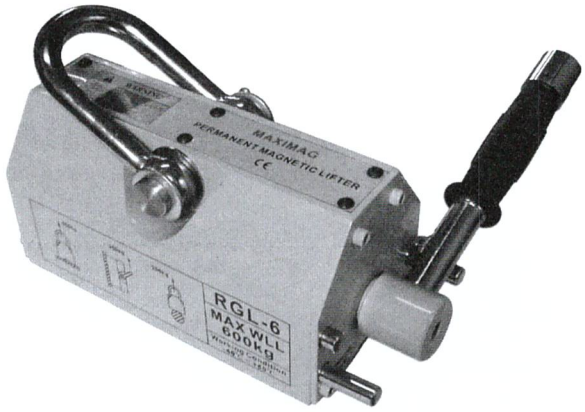
— POSITIVE BRAKING SYSTEM ENSURES SUSPENSION OF THE LOAD —

— GEARBOX IS FULLY LUBRICATED AND SEALED —

— LOW LEVERING EFFORT REQUIRED —

— STANDARD WITH UNIVERSAL MOUNTING BASE —

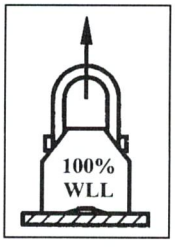
MAXIMAG
LIFTING MAGNETS



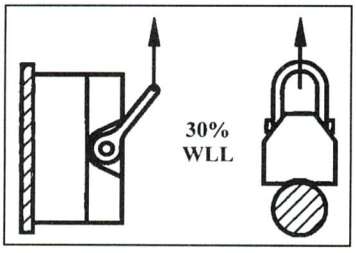
IT IS IMPERATIVE TO DETERMINE THE SUITABILITY OF A MAGNET FOR THE TASK TO BE PERFORMED, MATERIAL THICKNESS AND TYPE INFLUENCE THE WLL.
PLEASE CONSULT YOUR DISTRIBUTOR BEFORE PURCHASE.

Model	RGL-1	RGL-3	RGL-6	RGL-10	RGL-20	RGL-30
Rated WLL holding force (KgF) (Diag. 1)	100	300	600	1 000	2 000	3 000
Cylindrical lifting capacity (KgF) (Diag. 2)	30	100	200	300	600	N/A
Maximum break away force (KgF)	350	1 050	2 100	3 500	7 000	10 500
Net weight (Kg)	3	10	24	50	125	220
Max handle turning force (KgF)	<4	<8	<8	<16	<16	<20
Length (mm)	92	162	232	258	378	458
Width (mm)	62	92	122	176	234	286
Height (mm)	67	91	117	163	212	261

Diag. 1



Diag. 2



— 3,5 : 1 SAFETY FACTOR —

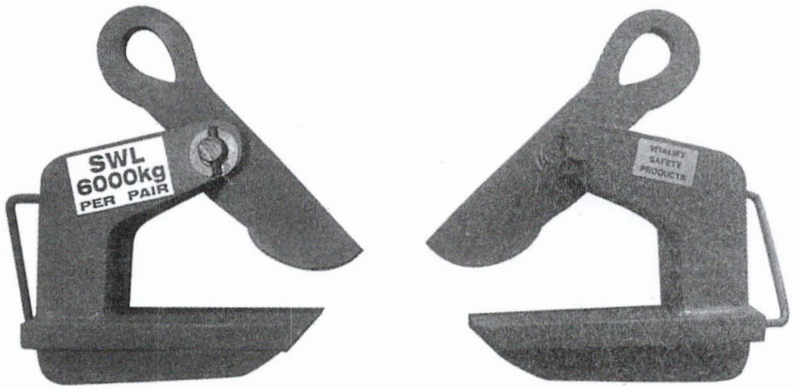
— SIMPLE LOCKING SWITCH ENABLES ONE-HANDED OPERATION —

— V-SLOT IN LIFTING FACE ALLOWS FOR LIFTING OF FLAT AND ROUNDED SURFACES —

VITALIFT PLATE GRABS

VERTICAL

Capacity (kg)	Jaw opening (mm)	Eye diameter (mm)	Net weight (kg)
1 000	0 - 18	84	6
2 000	0 - 28	78	16
3 000	0 - 30	75	16
5 000	5 - 50	86 x 129	39



HORIZONTAL

Capacity per pair (kg)	Jaw opening (mm)	Eye size (mm)	Net weight per pair (kg)
1 000	0 - 60	29 x 46	20
3 000	0 - 100	45 x 68	43
6 000	0 - 100	45 x 68	52
10 000	50 - 150	60 x 68	93

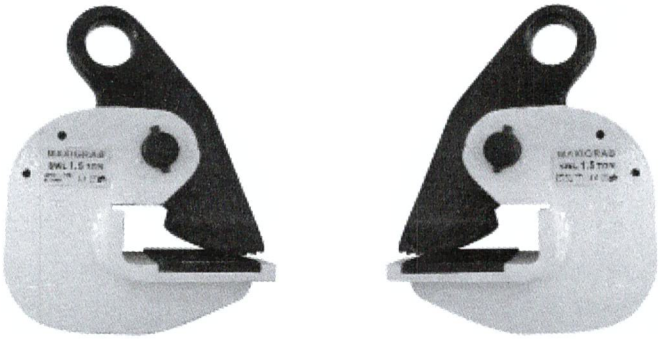
UNIVERSAL

Capacity (kg)	Jaw opening (mm)	Eye diameter (mm)	Net weight (kg)
1 000	0 - 18	69	7,4
2 000	0 - 28	72	18
3 000	0 - 30	74	18
5 000	0 - 50	79	44

MAXIGRAB PLATE GRABS

VERTICAL

Capacity (kg)	Jaw opening (mm)	Eye diameter (mm)	Net weight (kg)
1 000	0 - 22	48	4
2 000	0 - 30	57	6
3 000	0 - 35	59	9
5 000	5 - 45	64	17
8 000	5 - 55	64	26

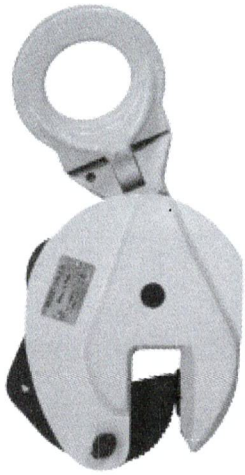


HORIZONTAL

Capacity per pair (kg)	Jaw opening (mm)	Eye diameter (mm)	Net weight per pair (kg)
1 500	0 - 25	25	6
3 000	0 - 30	30	8
4 000	0 - 45	40	12
5 000	0 - 50	29	15
8 000	0 - 85	50	45

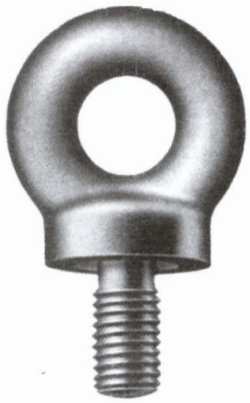
UNIVERSAL

Capacity (kg)	Jaw opening (mm)	Eye diameter (mm)	Net weight (kg)
1 000	0 - 20	48	4
2 000	0 - 25	67	7
3 000	0 - 30	74	15
5 000	0 - 50	80	21
8 000	0 - 45	84	37



DROP-FORGED EYEBOLTS

to British Standard Specifications (Ungalvanised)



WITH METRIC THREADS TO BSS 4278 TABLE 1

Thread diameter mm	Safe working load at 0° kg	Inside eye diameter mm	Eye material diameter mm	Shank length mm	Thread length mm	Approx weight kg
6	100	15	9	21	17	0,07
8	150	14	9	18	13	0,08
10	330	15	9	19	15	0,08
12	400	15	9	19	15	0,12
14	500	20	12	22	17	0,15
16	800	20	12	22	17	0,16
18	1000	24	15	29	24	0,28
20	1600	27	16	31	24	0,45
22	1600	28	16	32	24	0,54
24	2500	35	21	40	34	0,84
27	2500	37	22	44	37	1,25
30	4000	43	26	50	40	1,71
33	4000	44	28	52	44	2,88
36	6300	54	32	65	57	3,17
39	6300	55	34	70	60	5,04
42	8000	60	36	75	64	6,24
45	8000	65	40	80	68	7,16
48	10000	65	40	80	68	7,60
52	12500	73	48	88	75	10,18
56	16000	82	51	108	93	15,22
64	20000	90	57	115	100	19,50
72	25000	113	68	37	110	30
76	25000	115	68	137	110	30

WITH BSW THREADS TO BSS 529 PART 1

Thread diameter ins	Safe working load at 0° kg	Inside eye diameter mm	Eye material diameter mm	Shank length mm	Thread length mm	Approx weight kg
3/8	250	14	9	17	14	0,06
1/2	500	19	11	25	20	0,07
5/8	900	24	14	30	23	0,14
3/4	1400	28	17	34	27	0,28
7/8	2000	33	20	41	31	0,60
1	2750	38	22	44	36	1,10
1-1/8	3500	44	26	53	46	1,60
1-1/4	4500	47	30	59	49	2,10
1-1/2	6500	54	34	70	59	3,60
1-3/4	9000	66	39	82	68	5,60
2	12000	72	47	93	78	9,10
2-1/4	15000	82	54	100	88	15,00
2-1/2	20000	92	58	112	98	17,70

BRITISH STANDARD EYEBOLTS MAY BE USED TO LIFT INCLINED LOADS. THE SAFE WORKING LOAD PER EYEBOLT WILL BE REDUCED BY APPROXIMATELY 65% FOR ANGLES OF 30° AND APPROXIMATELY 75% FOR ANGLES OF 45°.

DROP-FORGED EYEBOLTS

to DIN 580
(Galvanised)

Thread diameter mm	Safe working load at 0 kg	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

DROP-FORGED EYENUTS

to DIN 582
(Galvanised)

Thread diameter mm	Safe working load at 0 kg	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

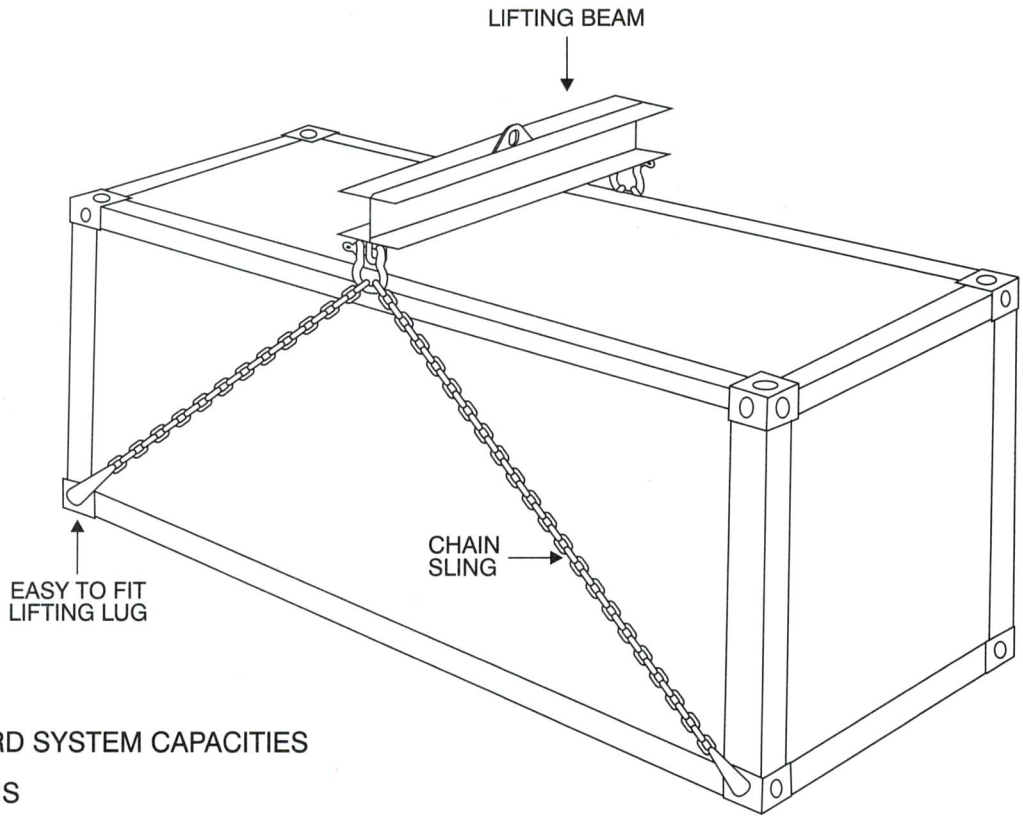
STAINLESS STEEL EYEBOLTS AND EYENUTS

AVAILABLE IN

6, 8, 10, 12, 14, 16, 20, 22 AND 24mm THREAD SIZES

CONTAINER LIFTING SYSTEMS

FOR LIFTING PARTIALLY FILLED OR EMPTY SIX METRE CONTAINERS



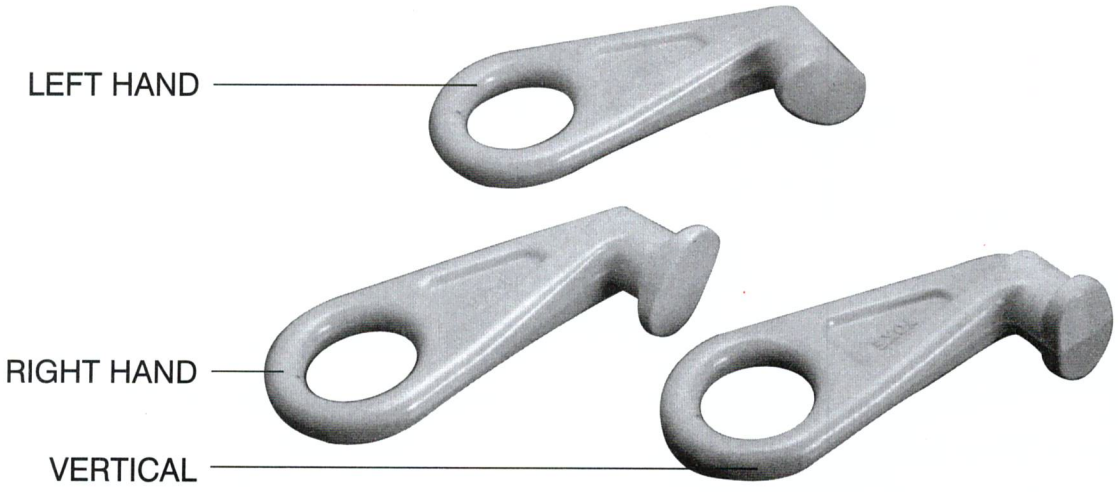
STANDARD SYSTEM CAPACITIES

— 3 TONS

— 6 TONS

— 10 TONS

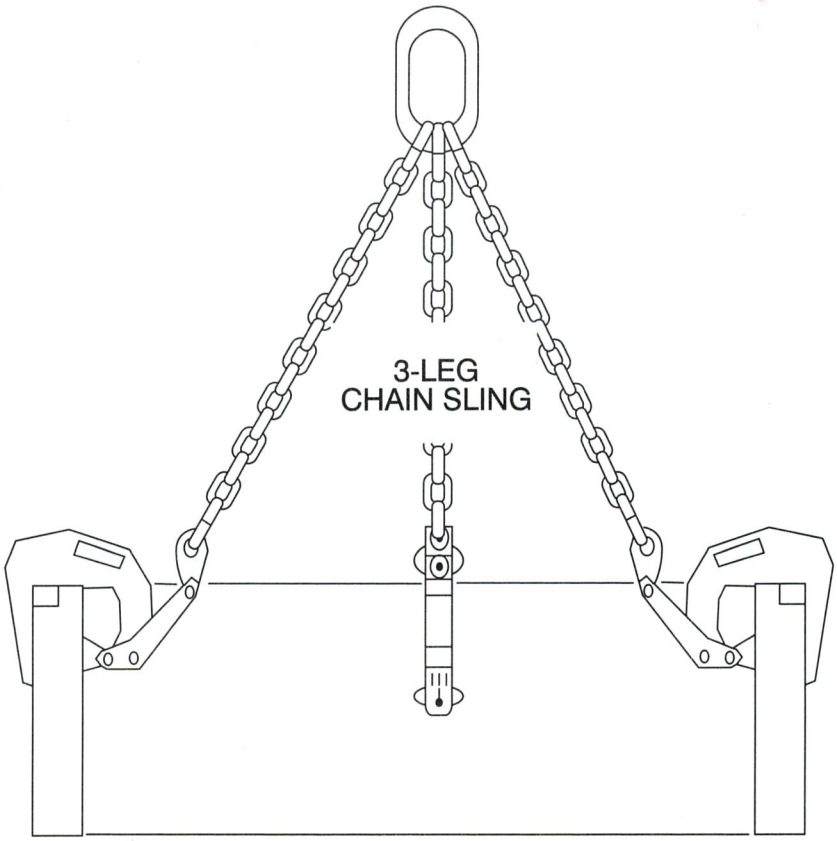
LUGS ARE AVAILABLE AS SEPARATE ITEMS:



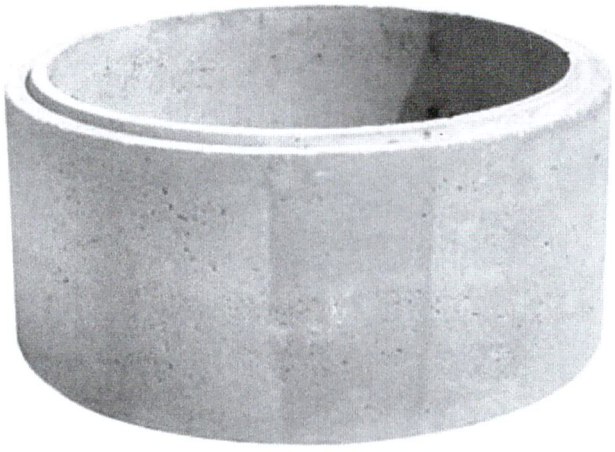
WORKING LOAD LIMIT PER LUG - 12500Kg

SAFETY FACTOR 4 : 1

MANHOLE-RING LIFTING SYSTEMS

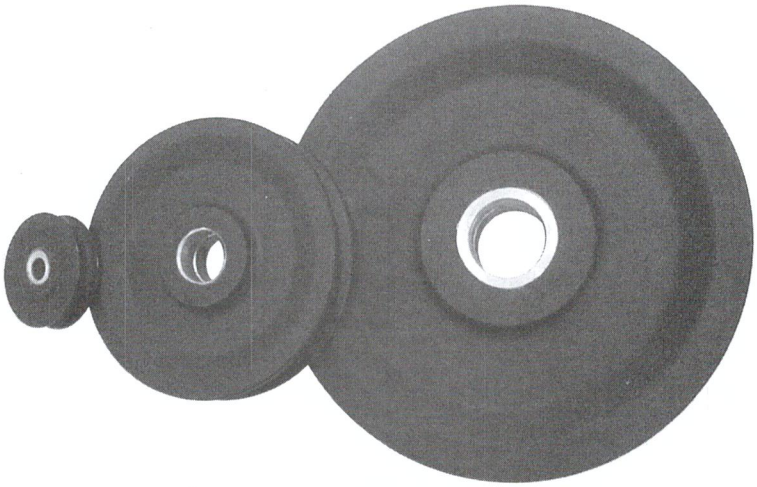


A STANDARD SYSTEM CONSISTS OF A THREE-LEGGED CHAIN SLING ATTACHED TO THREE LIFTING CLAMPS.



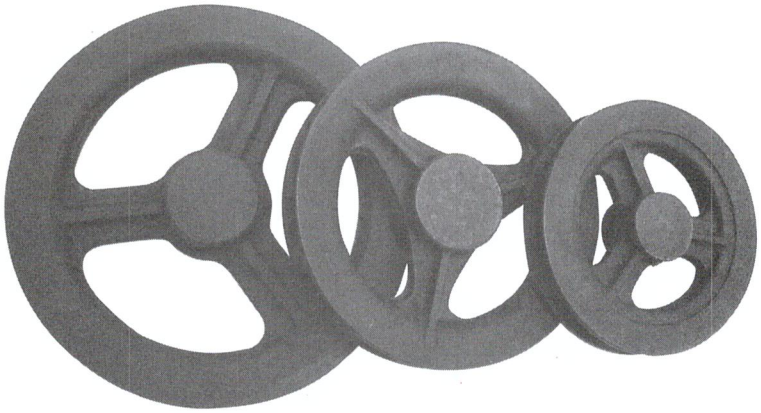
— MINIMUM DIAMETER OF RING - 900mm
— WALL THICKNESS RANGE - 40mm TO 125mm
— MAXIMUM WEIGHT - 2400Kg
— CLAMPS AVAILABLE INDIVIDUALLY

WIRE ROPE SHEAVE WHEELS



— 65mm TO 800mm DIAMETERS —
— FULLY MACHINED STEEL OR CAST IRON —
— PHOSPHOR BRONZE BUSHES —
— ROLLER OR BALL BEARINGS AVAILABLE —

HAND CHAIN WHEELS

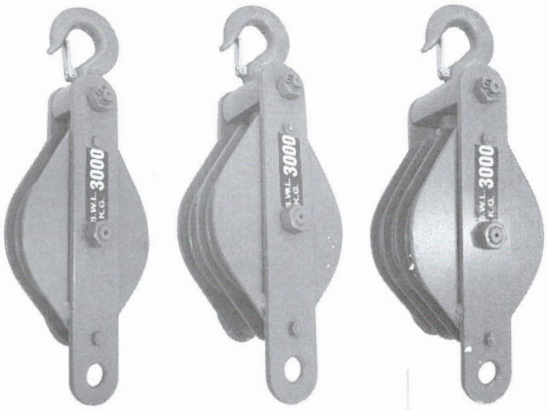


Wheel dia (mm)	Bore dia (mm)	Chain size (mm)
150	40	5
200	55	6
250	70	6
300	70	6
400	75	6
530	85	6

WIRE ROPE BLOCKS

WIRE ROPE SNATCH BLOCKS

WIRE ROPE REEVING BLOCKS



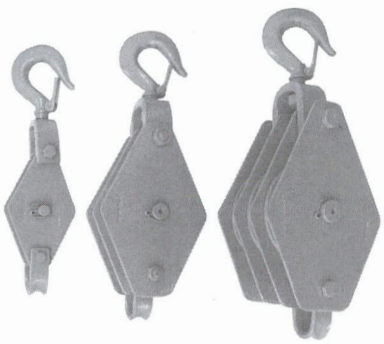
SWL (kg)	Sheave dia (mm)	Rope dia (mm)
500	100	10 - 13
1 000	125	10 - 13
2 000	150	10 - 13
3 000	200	13 - 16
5 000	250	16 - 20
7 500	300	16 - 20
10 000	350	20 - 22

— SNATCH BLOCKS AVAILABLE UP TO 40 TON CAPACITY FOR USE WITH 38mm DIAMETER STEEL WIRE ROPE —
— REEVING BLOCKS AVAILABLE IN EXCESS OF 100 TON CAPACITY —
— GREASE NIPPLES FOR POSITIVE LUBRICATION —
— AVAILABLE WITH FORGED STEEL HOOK, SWIVEL OVAL EYE, SWIVEL SAFETY SHACKLE, OR LINK AND SHACKLE —

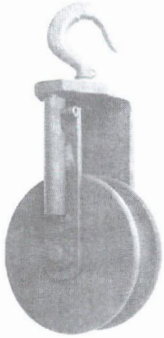
MANILA ROPE BLOCKS

GIN BLOCKS

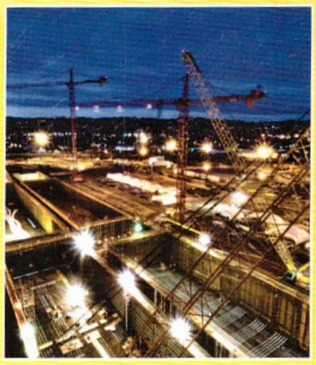
PULLEY BLOCKS



RUNNING OUT BLOCKS



— MANILA PULLEY BLOCKS AVAILABLE IN SINGLE, DOUBLE AND TREBLE SHEAVES FOR USE WITH 10mm TO 24mm DIAMETER NATURAL AND SYNTHETIC FIBRE ROPES —
— GIN BLOCKS AVAILABLE IN 200 kg, 300 kg AND 400 kg CAPACITIES —
— 1000 kg RUNNING OUT BLOCKS WITH NYLON SHEAVE WHEEL —



ILULA®

GRADE 80 CHAIN SLINGS

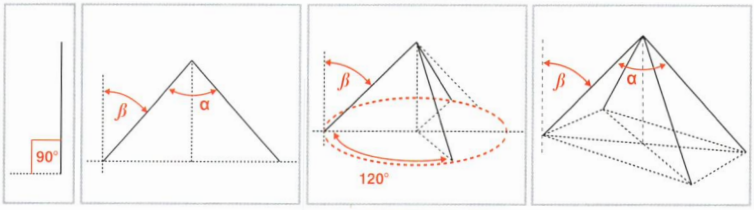
Chain slings are the classic and widely used load handling attachment for a wide variety of lifting applications. They feature flexibility and extremely high durability.

NEW PRODUCT TO OUR RANGE

We offer complete chain slings and components as well as corresponding accessories and spare parts. Chain slings made to order according to your requirements.

All lifting components are uniformly marked with equivalent chain size and grade.
Safety factor: 4:1

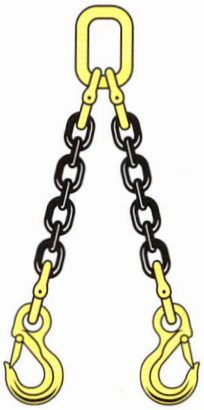
WORKING LOAD LIMITS



	One Leg	Two Leg			Three Leg			Four Leg		
Angle from vertical - β	0°	30°	45°	60°	30°	45°	60°	30°	45°	60°
Angle between legs - α	-	60°	90°	120°	-	-	-	60°	90°	120°
Chain Dia. (mm)	t	t	t	t	t	t	t	t	t	t
7	1.50	2.55	2.10	1.50	3.90	3.15	2.25	3.90	3.15	2.25
10	3.15	5.35	4.41	3.15	8.19	6.62	4.72	8.19	6.62	4.72
13	5.30	9.00	7.42	5.30	13.78	11.13	7.95	13.78	11.13	7.95
16	8.00	13.60	11.20	8.00	20.80	16.80	12.00	20.80	16.80	12.00
20	12.50	21.25	17.50	12.50	32.50	26.25	18.75	32.50	26.25	18.75
Factor	1.0	1.7	1.4	1.0	2.6	2.1	1.5	2.6	2.1	1.5

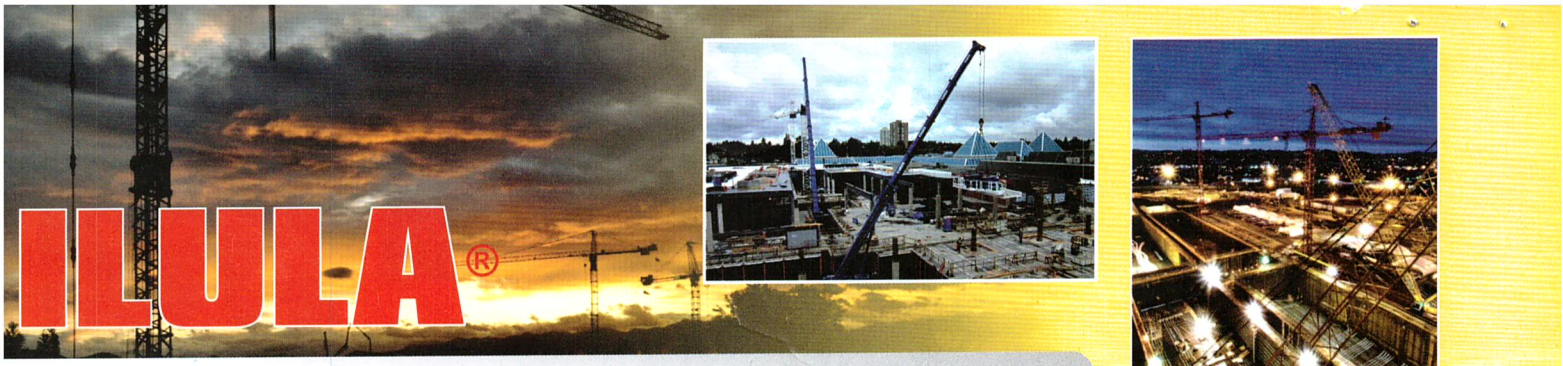
1 LEG SLING

2 LEG SLING



3 LEG SLING

4 LEG SLING



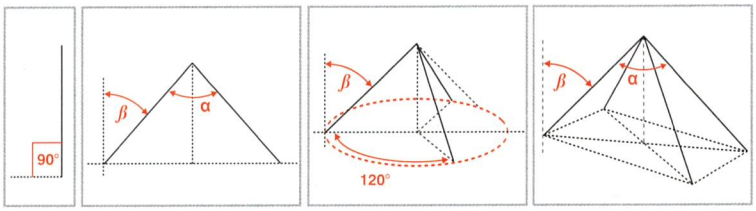
WEBBING SLINGS

Versatile and lightweight multiple leg webbing slings now available with quicker delivery.

NEW PRODUCT TO OUR RANGE

Webbing slings with special Grade 80 components ideal for applications where damage to the item being lifted needs to be minimised. Easier handling compared to chain slings. Webbing connectors enable easy attachment of webbing slings to master links, eye sling hooks or eye self-locking hooks.

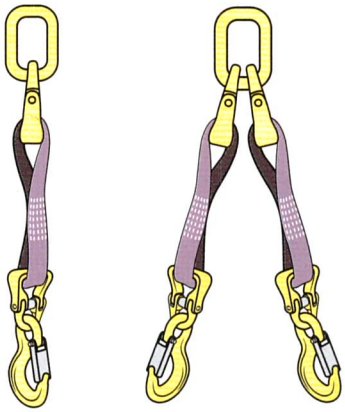
WORKING LOAD LIMITS



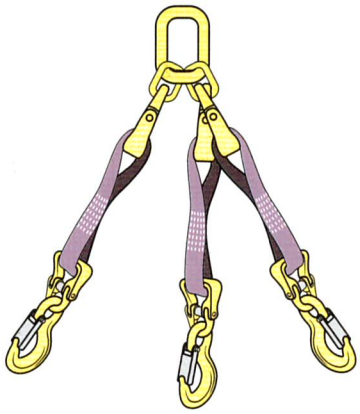
	One Leg	Two Leg			Three Leg			Four Leg		
Angle from vertical - β	0°	30°	45°	60°	30°	45°	60°	30°	45°	60°
Angle between legs - α	-	60°	90°	120°	-	-	-	60°	90°	120°
Webbing Sling Capacity (Ton)	t	t	t	t	t	t	t	t	t	
1	1	1.7	1.4	1.0	2.6	2.1	1.5	2.6	2.1	1.5
2	2	3.4	2.8	2.0	5.2	4.2	3.0	5.2	4.2	3.0
3	3	5.1	4.2	3.0	7.8	6.3	4.5	7.8	6.3	4.5
4	4	6.8	5.6	4.0	10.4	8.4	6.3	10.4	8.4	6.0
Factor	1.0	1.7	1.4	1.0	2.6	2.1	1.5	2.6	2.1	1.5

1 LEG SLING

2 LEG SLING

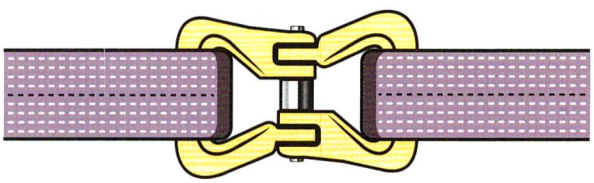


3 LEG SLING

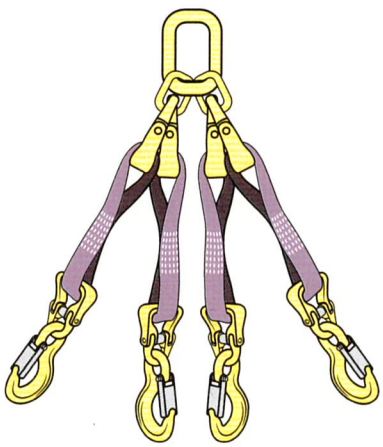


IEWJ SLING JOINER

Grade 80 Sling Joiner to connect two webbing slings or to make webbing slings endless.



4 LEG SLING



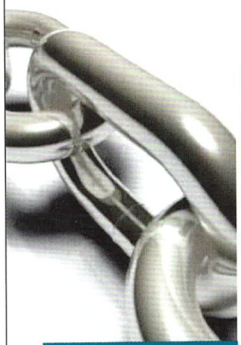
GRADE 80 & 100 CHAIN SLINGS

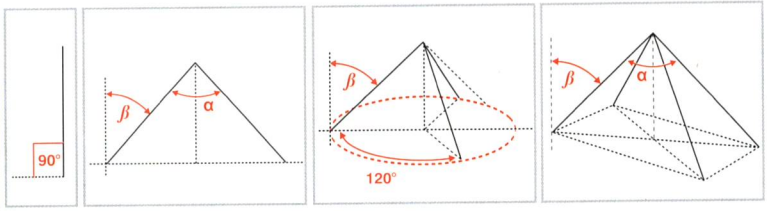
Chain slings are the classic and widely used load handling attachment for a wide variety of lifting applications. They feature flexibility and extremely high durability.

Premium quality chain slings assembled with Thiele chain made in Germany.
We offer complete chain slings and components in grades 80 & 100 as well as corresponding accessories and spare parts.
Chain slings made to order according to your requirements.

All lifting components are uniformly marked with equivalent chain size and grade.
Safety factor: 4:1

WORKING LOAD LIMITS

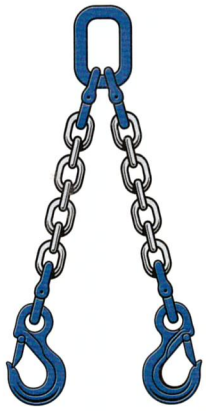




		One Leg	Two Leg			Three Leg			Four Leg		
Angle from vertical - β		0°	30°	45°	60°	30°	45°	60°	30°	45°	60°
Angle between legs - α		-	60°	90°	120°	-	-	-	60°	90°	120°
Chain Dia. (mm)	Grade	t	t	t	t	t	t	t	t	t	t
7	80	1.50	2.55	2.10	1.50	3.90	3.15	2.25	3.90	3.15	2.25
8	100	2.50	4.25	3.50	2.50	6.50	5.25	3.75	6.50	5.25	3.75
10	80	3.15	5.35	4.41	3.15	8.19	6.62	4.72	8.19	6.62	4.72
10	100	4.00	6.80	5.60	4.00	10.40	8.40	6.00	10.40	8.40	6.00
13	80	5.30	9.00	7.42	5.30	13.78	11.13	7.95	13.78	11.13	7.95
13	100	6.70	11.39	9.38	6.70	17.42	14.07	10.05	17.42	14.07	10.05
16	80	8.00	13.60	11.20	8.00	20.80	16.80	12.00	20.80	16.80	12.00
16	100	10.00	17.00	14.00	10.00	26.00	21.00	15.00	26.00	21.00	15.00
20	80	12.50	21.25	17.50	12.50	32.50	26.25	18.75	32.50	26.25	18.75
22	80	15.00	25.50	21.00	15.00	39.00	31.50	22.50	39.00	31.50	22.50
26	80	20.40	34.68	28.56	20.40	53.00	42.84	30.60	53.00	42.84	30.60
32	80	31.50	53.55	44.10	31.50	81.90	66.15	47.25	81.90	66.15	47.25
Factor		1.0	1.7	1.4	1.0	2.6	2.1	1.5	2.6	2.1	1.5

1 LEG SLING
(Grade 80 Shown)

2 LEG SLING
(Grade 100 Shown)



3 LEG SLING
(Grade 80 Shown)

4 LEG SLING
(Grade 100 Shown)

Assembled with chain from:

THIELE®

Made in Germany

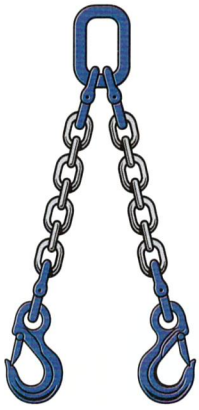
GRADE 80 & 100 CHAIN SLINGS

Chain slings are the classic and widely used load handling attachment for a wide variety of lifting applications. They feature flexibility and extremely high durability.

STANDARD SLINGS

1 LEG SLING
(Grade 80 Shown)

2 LEG SLING
(Grade 100 Shown)



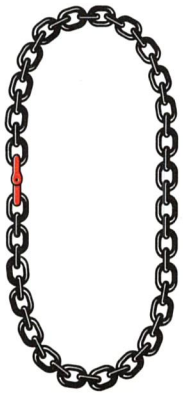
3 LEG SLING
(Grade 80 Shown)

4 LEG SLING
(Grade 100 Shown)

OTHER SLING EXAMPLES

CHOKER SLING
(Grade 100 Shown)

ENDLESS SLING
(Grade 80 Shown)



SINGLE ADJUSTABLE LOOP CHAIN SLING
(Grade 100 Shown)

SINGLE BASKET SLING
(Grade 80 Shown)

DOUBLE BASKET SLING
(Grade 100 Shown)

Assembled with chain from:

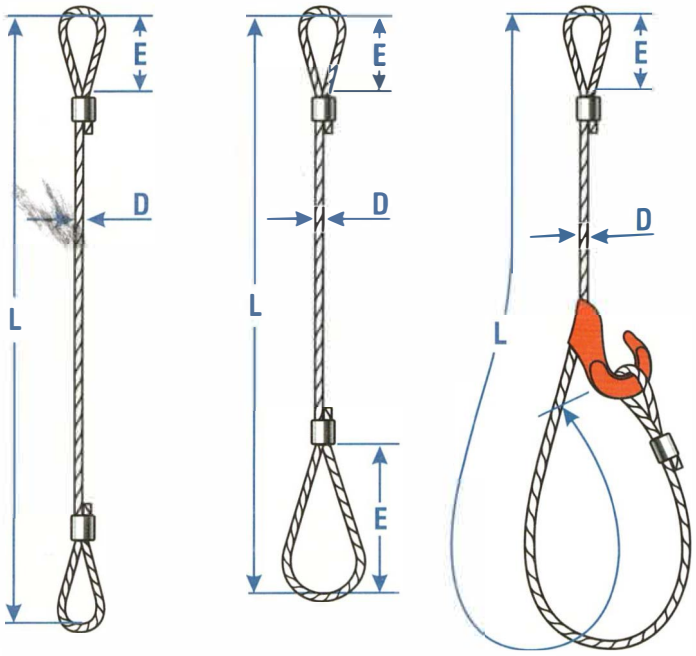
THIELE®

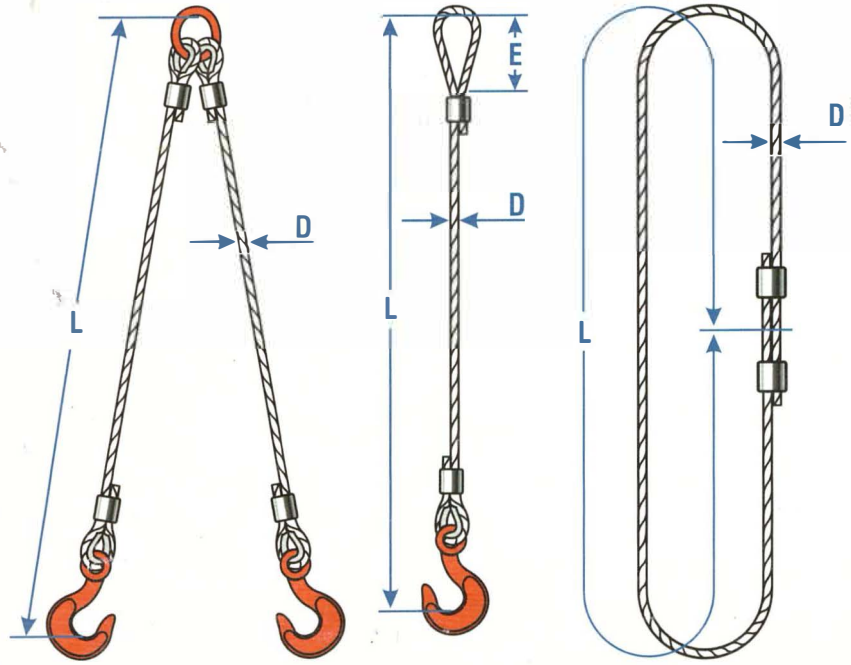
Made in Germany

STEEL WIRE ROPE SLINGS

Bespoke steel wire rope slings manufactured to suit your requirements.

- Manufactured to international specifications
- Afgrip slings manufactured with seamless extruded ferrules from Germany
- Can be proof loaded individually at additional cost
- 6:1 Safety factor as required by the Occupational Health and Safety Act
- Stainless steel slings also produced to customer requirements
- DNV certified slings available on request





How to order a VITALIFT steel wire rope sling *(Please Specify):*

- Type of sling required (one leg, two legs, etc)
- WLL limit required (See chart overleaf for standard slings).
- Type of splice:
  Afgrip (also know as Turn-Back, or Aluminium)
  Superloop (also know as Flemish, National, or Jupiter)
- Effective length (leg length / pull to pull length / circumference)
- Finish of steel wire rope required:
  Ungalvanised, galvanised or stainless steel
- Whether eyes are soft (standard) or should have thimbles (hard)
- Eye sizes for soft eyes (see standard eye sizes on chart overleaf)
- Serial numbers required
- Any fittings required

STEEL WIRE ROPE SLINGS

Bespoke steel wire rope slings manufactured to suit your requirements.

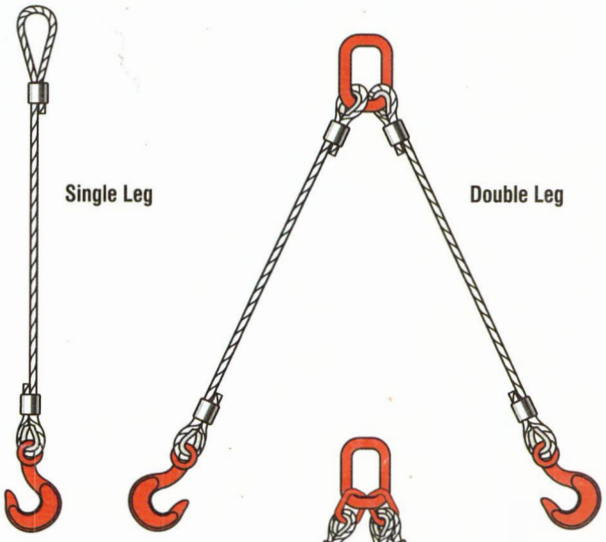
Working load limits in kg for 6X36 Afgrip steel wire rope slings

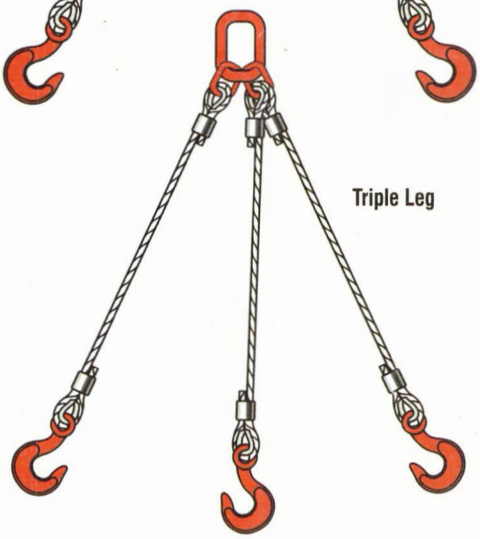
Fibre Core (FC)

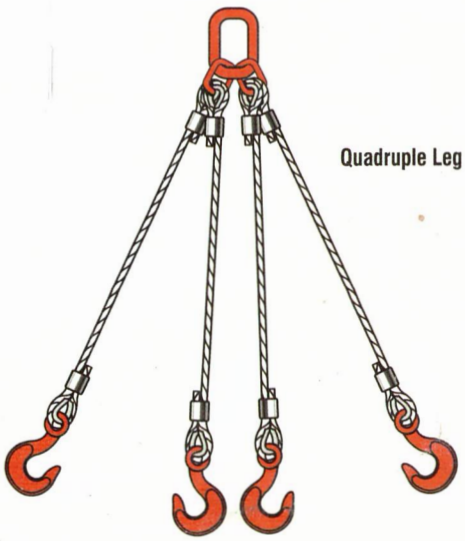
Rope Ø (mm)	Std. Soft Eye Size (mm)	Single Leg at 0°	Double Leg at 60°	Double Leg at 90°	Triple (45°) & Quadruple Leg at 90°
6	100	300	510	420	630
8	100	600	1020	840	1260
9	150	800	1300	1100	1600
10	150	1000	1700	1400	2100
11	150	1200	2000	1600	2500
12	200	1400	2300	1900	2900
13	200	1700	2800	2300	3500
14	250	2000	3400	2800	4200
16	250	2500	4200	3500	5200
18	300	3200	5400	4400	6700
19	350	3600	6100	5000	7500
20	350	4000	6800	5600	8400
22	350	4800	8100	6700	10000
24	400	5700	9600	7900	11900
26	400	6700	11300	9300	14000
28	450	7800	13200	10900	16300
32	600	10100	17100	14100	21200
36	750	12900	21900	18000	27000
38	750	14400	24400	20100	30200
44	900	19200	32600	26800	40300
50	1000	24800	42100	34700	52000
56	1200	31100	52800	43500	65300

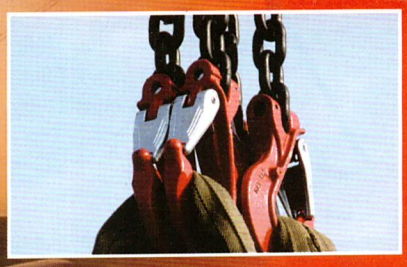
Independent Wire Rope Core (IWRC)

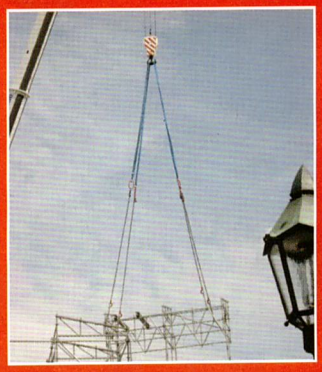
Rope Ø (mm)	Std. Soft Eye Size (mm)	Single Leg at 0°	Double Leg at 60°	Double Leg at 90°	Triple (45°) & Quadruple Leg at 90°
6	100	350	595	490	735
8	100	700	1190	980	1470
9	150	800	1300	1100	1600
10	150	1100	1800	1500	2300
11	150	1300	2200	1800	2700
12	200	1500	2500	2100	3100
13	200	1800	3000	2500	3700
14	250	2100	3500	2900	4400
16	250	2800	4700	3900	5800
18	300	3500	5900	4900	7300
19	350	3900	6600	5400	8100
20	350	4300	7300	6000	9000
22	350	5200	8800	7200	10900
24	400	6200	10500	8600	13000
26	400	7200	12200	10000	15100
28	450	8400	14200	11700	17600
32	600	11000	18700	15400	23100
36	750	13900	23600	19400	29100
38	750	15500	26300	21700	32500
44	900	20700	35100	28900	43400
50	1000	26800	45500	37500	56200
56	1200	33500	56900	46900	70300











GRADE 80 CHAIN SLINGS

Chain slings are the classic and widely used load handling attachment for a wide variety of lifting applications. They feature flexibility and extremely high durability.

Premium quality chain slings assembled with Thiele chain made in Germany to EN818-2.

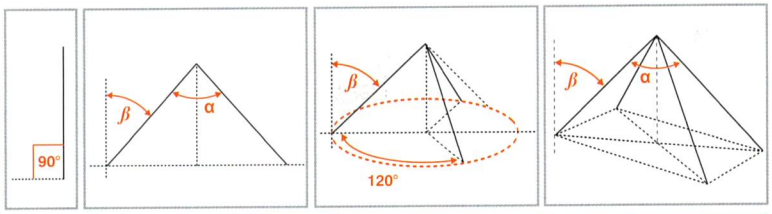
We offer complete chain slings and components as well as corresponding accessories and spare parts.

Chain slings made to order according to your requirements.

All lifting components are uniformly marked with equivalent chain size and grade.

Safety factor: 4:1

WORKING LOAD LIMITS



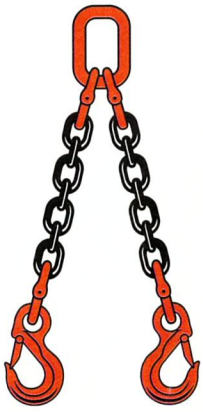
Chain Dia. (mm)	One Leg	Two Leg			Three Leg			Four Leg		
Angle from vertical - β	0°	30°	45°	60°	30°	45°	60°	30°	45°	60°
Angle between legs - α	-	60°	90°	120°	-	-	-	60°	90°	120°
	t	t	t	t	t	t	t	t	t	t
7	1.50	2.55	2.10	1.50	3.90	3.15	2.25	3.90	3.15	2.25
10	3.15	5.35	4.41	3.15	8.19	6.62	4.72	8.19	6.62	4.72
13	5.30	9.00	7.42	5.30	13.78	11.13	7.95	13.78	11.13	7.95
16	8.00	13.60	11.20	8.00	20.80	16.80	12.00	20.80	16.80	12.00
20	12.50	21.25	17.50	12.50	32.50	26.25	18.75	32.50	26.25	18.75
22	15.00	25.50	21.00	15.00	39.00	31.50	22.50	39.00	31.50	22.50
26	20.40	34.68	28.56	20.40	53.00	42.84	30.60	53.00	42.84	30.60
32	31.50	53.55	44.10	31.50	81.90	66.15	47.25	81.90	66.15	47.25
Factor	1.0	1.7	1.4	1.0	2.6	2.1	1.5	2.6	2.1	1.5

If Grade 80 - Alloy slings are used at temperatures exceeding 200°C, then the Working Load Limit has to be reduced.

-40 to +200°C	+200 to +300°C	+300 to +400°C
100%	90%	75%

1 LEG SLING

2 LEG SLING



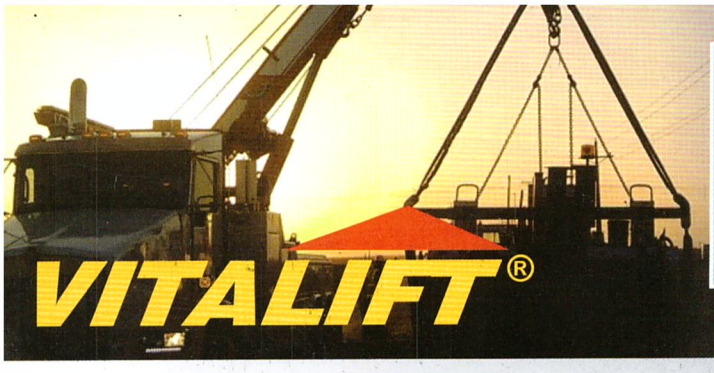
3 LEG SLING

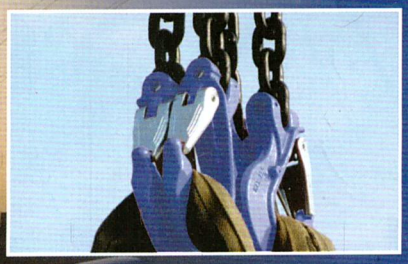
4 LEG SLING

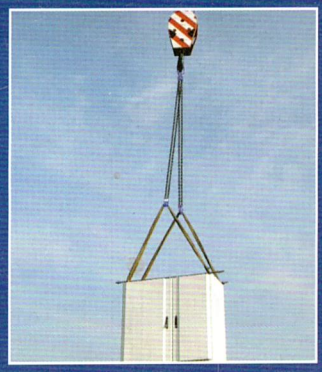
Assembled with chain from:

THIELE®

Made in Germany







GRADE 100 CHAIN SLINGS

Chain slings are the classic and widely used load handling attachment for a wide variety of lifting applications. They feature flexibility and extremely high durability.

Premium quality chain slings assembled with Thiele chain made in Germany to ASTM973.

We offer complete chain slings and components as well as corresponding accessories and spare parts.

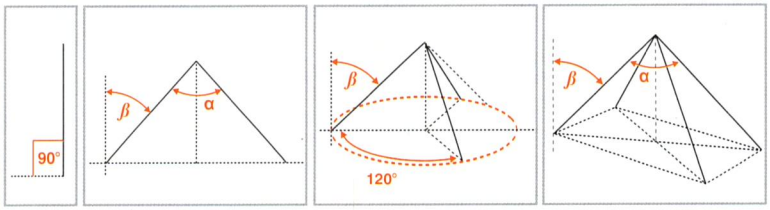
Chain slings made to order according to your requirements.

All lifting components are uniformly marked with equivalent chain size and grade.

Safety factor: 4:1

25% stronger than the corresponding diameter Grade 80 chain.

WORKING LOAD LIMITS

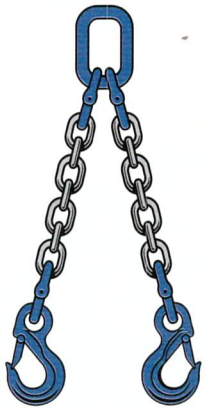


Chain Dia. (mm)	Grade	One Leg	Two Leg			Three Leg			Four Leg		
Angle from vertical - β		0°	30°	45°	60°	30°	45°	60°	30°	45°	60°
Angle between legs - α		-	60°	90°	120°	-	-	-	60°	90°	120°
		t	t	t	t	t	t	t	t	t	
8		2.50	4.25	3.50	2.50	6.50	5.25	3.75	6.50	5.25	3.75
10		4.00	6.80	5.60	4.00	10.40	8.40	6.00	10.40	8.40	6.00
13		6.70	11.39	9.38	6.70	17.42	14.07	10.05	17.42	14.07	10.05
16		10.00	17.00	14.00	10.00	26.00	21.00	15.00	26.00	21.00	15.00
Factor		1.0	1.7	1.4	1.0	2.6	2.1	1.5	2.6	2.1	1.5

Grade 100 - Alloy slings cannot be used at temperatures exceeding 200°C.

1 LEG SLING

2 LEG SLING



3 LEG SLING

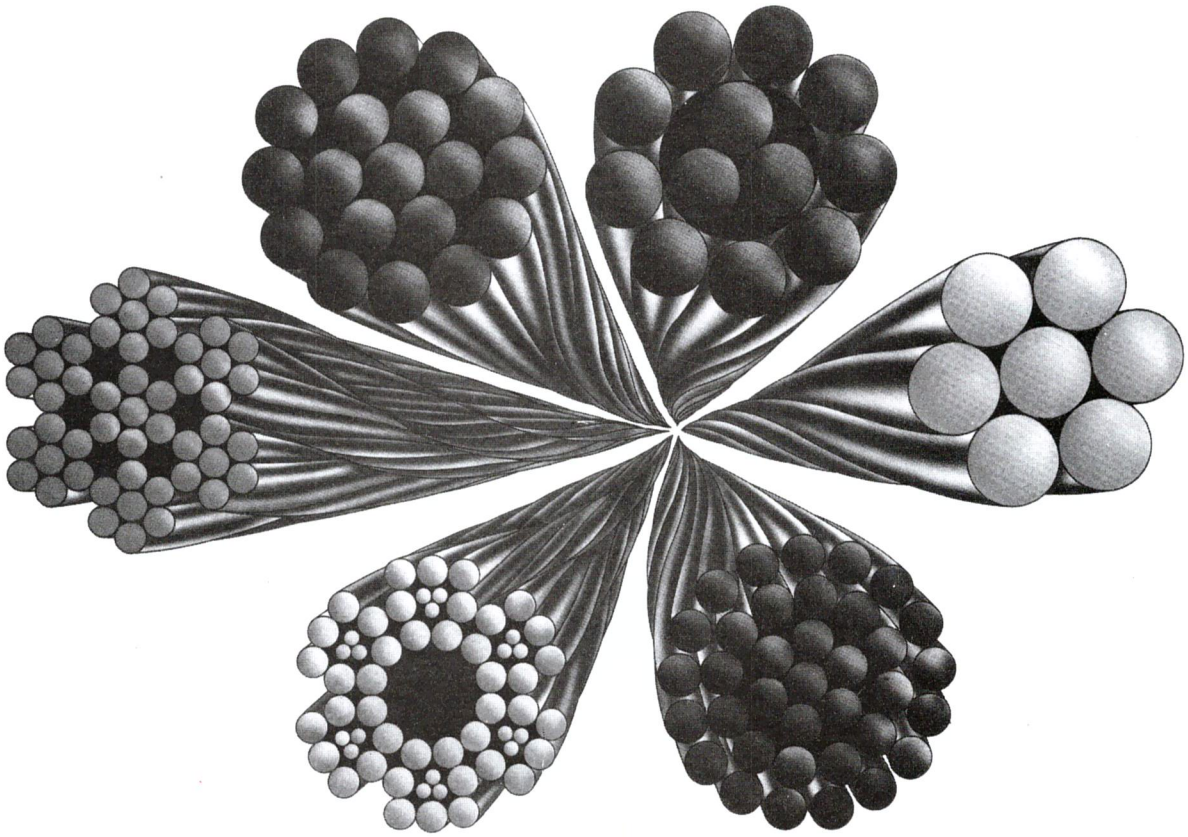
4 LEG SLING

Assembled with chain from:

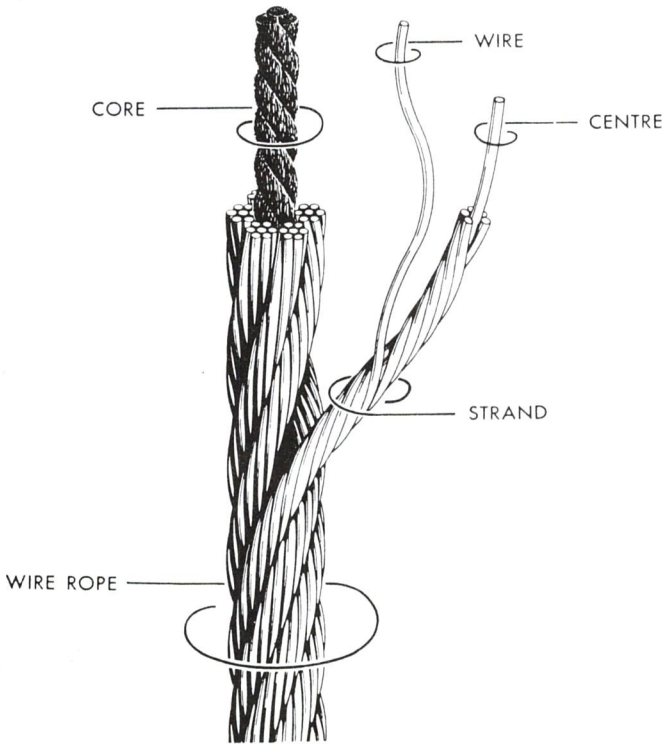
THIELE®

Made in Germany

STEEL WIRE ROPE



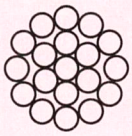
Component Parts of Wire Rope



Ropes available in various diameters, constructions and finishes.

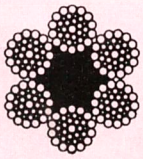
Manufactured to various international standards.

See overleaf



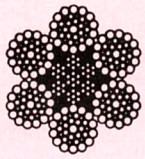
1 x 19 (12/6/1)
galvanised and stainless steel,
1770 MPa

Control cables,
general engineering



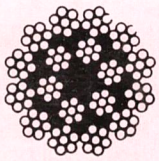
6 x 36 (14/7+7/7/1) fibre core,
galvanised and ungalvanised,
1770 and 1960 MPa

Mining, slings,
general engineering,
winches, hoists,
cranes



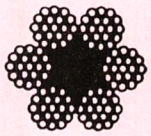
6 x 36 (14/7+7/7/1)
IWRC galvanised and ungalvanised,
1770 and 1960 MPa

Mining, slings,
general engineering,
winches, hoists,
cranes



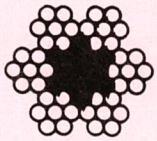
18 x 7 - 12 x 7 (6/1)/6 x 7(6/1) fibre core and
19 x 7 - 12 x 7 (6/1)/6 x 7(6/1)/1 x 7 (6 x 1)
non-spin,
ungalvanised,
1770 and
1960MPa

Cranes, general
engineering, drilling,
non-spin applications



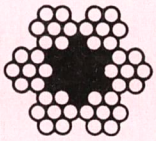
6 x 19 (12/6/1) fibre core,
galvanised, 1770 MPa

Mining, slings,
general engineering,
drilling



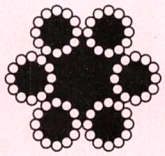
6 x 7(6/1)
fibre core,
galvanised,
1770 MPa

General purpose,
where less flexibility
is required



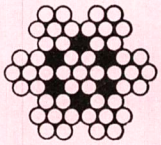
6 x 7 (6/1)
fibre core,
galvanised,
1770 MPa,
PVC covered

General purpose and
bell-wire applications

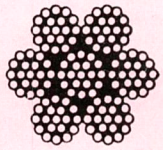


6 x 12 (12/fc)
fibre core,
galvanised,

General engineering,
lashing, blasting barricades



7 x 7 (6/1)
stainless,
grade 304
and 316,
and galvanised



7 x 19 (12/6/1)
stainless
grade 304
and 316

For use with stainless steel and
copper fittings, where rust prevention
is essential