



PRODUCT CATALOGUE

Specialists in the supply, servicing & maintenance of
lifting, rigging & marine equipment

Table Of Contents

COMPANY PROFILE

- 01** About
- 02** Group Divisions
- 03** Technical Services

04 MANUAL HOISTS

- 05** DAESAN Chain Block
- 06** DAESAN Lever Hoist
- 07** TSALA Chain Block
- 08** TSALA Lever Hoists
- 09** DONSA Chain Block
- 10** DONSA Lever Hoist

11 ELECTRIC HOISTS

- 12** DAESAN Dual Brake Electric Hoist
- 13** DAESAN Motorized Trolley
- 14** DONSA-X Electric Hoist
- 15** DONSA-X Motorized Trolley
- 16** LIFTKET Electric Hoist
- 17** LIFTKET Motorized Trolley
- 18** DONSA Stagemaster Electric Hoist

19 LIFTING ATTACHMENTS

- 20** TSALA Crawls
- 21** TSALA Beam Clamp
- 21** DONSA Hydraulic Bottle Jack
- 22** TSALA Plate Clamps

23 WIRE ROPE WINCHES

- 24** DONSA Wire Rope Winch
- 25** TSALA Wire Rope Winch

26 STEEL WIRE ROPE

- 27** Stainless Steel
- 28** General Purpose & PVC Coated
- 29** General Purpose
- 30** Blocks, Clips & Grips
- 31** DONSA Steel Wire Rope Sling Chart

32 RIGGING HARDWARE

- 33** DONSA Screw Pin Shackles
- 34** DONSA Safety Shackles
- 35** DONSA Eye Bolts & Eye Nuts
- 36** DONSA Wire Rope Clamps
- 37** DONSA Turnbuckles
- 38** DONSA Thimbles
- 39** Carabiners & Quick Links
- 40** Swivels & Carbon Steel Hooks

41 GRADE 80 CHAIN & FITTINGS

- 42** DONSA Chain Sling Chart
- 43-45** DONSA Grade 80 Chain & Fittings

46 MATERIAL SLINGS

- 47** Duplex Flat & Endless Round
- 48** Stage & Entertainment Rigging

49 FALL PROTECTION

- 50** Harnesses
- 51** Fall arrest blocks

52 MILD STEEL

- 53** Short, Long & Extra long link Chain

54 LASHING HARDWARE

- 55** Lashing Hardware

56 CARVER CLAMPS

- 57** Bar Clamps
- 58** Rack Clamps

59 LOCTITE

- 60-61** Loctite

62 FIBRE ROPES

- 63** Fibre Ropes & Fibre Rope Blocks

64 MARINE EQUIPMENT

- 65** Floats, Buoys & Fenders
- 66** Life Jackets & Rings
- 67** Studlink Chain
- 68** Anodes & Anchors
- 69** Nets; Ladders; Personnel Baskets

Over 125 Years of Trusted Supply & Service: Specializing in Material Handling and Marine Equipment Across Africa

Established in 1897, Cooper & Cooper Group is a Level 1 BBBEE Black Woman-Owned South African enterprise with a legacy of more than 125 years supporting industry across the continent.

Our divisions specialise in the manufacture, assembly, supply, repair, and servicing of lifting, rigging, and marine equipment, delivering engineered, compliant solutions built for demanding environments where safety and performance are critical. Backed by a strategically positioned national branch network, we provide consistent technical capability, rapid response, and dependable service across every region we support.

For more than a century, we have partnered with critical industries, supplying equipment that meets stringent international safety standards while ensuring operational efficiency and long-term reliability.

Quality Statement:

At Cooper & Cooper, quality is at the core of everything we do. We are committed to supplying reliable lifting and materials handling solutions that meet recognised industry standards, supported by skilled personnel, continuous improvement, and exceptional customer service. Our focus is on delivering safe, compliant, and dependable products that consistently exceed customer expectations.



employment & labour
Department:
Employment and Labour
REPUBLIC OF SOUTH AFRICA
LME 154

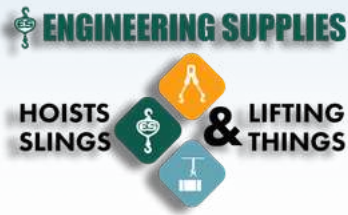


BRAND PORTFOLIO

Cooper & Cooper represents leading local and international brands across lifting, rigging, material handling and marine equipment, including exclusive distribution, proprietary and agency brands.



Group Divisions



Engineering Supplies

Manufactures and supplies a diverse range of specialised lifting, rigging, hoisting, and related equipment. Our slogan, "Hoists, Slings & Lifting Things", reflects our mission: to equip you with everything you need to lift, move, and secure loads with confidence



Marine Equipment Supplies [MES]

A trusted manufacturer & supplier of marine equipment, safety gear, lifting and rigging solutions, and shipboard hardware. With a proven track record for quality and reliability, MES has become the first name maritime professionals turn to for safety — a reputation that lives up to our promise: your first name for safety.



Crane Services

A dedicated on-site division specialising in breakdown response, load testing, inspections, repairs, and maintenance for cranes, hoists, and lifting tackle. Services are designed to minimise downtime, restore operational capacity, and keep lifting operations safe, compliant, and efficient.

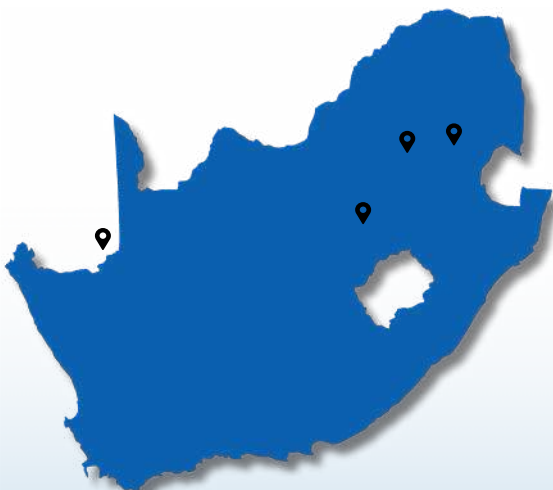


Repairworx

An ISO-approved workshop delivering expert in-house servicing, repairs, refurbishment, manufacturing, and re-certification for all major brands of lifting equipment. From routine maintenance to complete rebuilds.

NATIONAL NETWORK

Proudly supporting industries across South Africa



GAUTENG (HEAD OFFICE)

73 Raebor road, Benrose, JHB



MPUMALANGA

Shop 2, 9 Langa Crescent, Corridor Hill, Witbank



FREE STATE

4A, 15th Street, Voorspoed Oos, Industrial Village, Welkom



WESTERN CAPE

4 Swift street, Salt River, Cape Town

Technical Services



Workshop-based
refurbishment, rebuilds, and re-certification.



Inspection, Assessment &
Strip-Down



Refurbishment &
Complete Rebuilds



Load Testing &
Re-Certification



Component Replacement &
Precision Machining



Service &
Reconditioning



On-site inspection, testing, and emergency
support to ensure safety, compliance, and uptime.



24-Hour Emergency
Breakdown Support



Load Testing
(Including NDT)



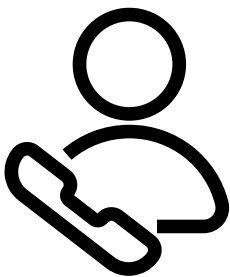
Routine Inspections
(Monthly / Quarterly / Annual)



Fault Finding & Technical
Reporting



Maintenance
& Servicing



REPAIRWORX
General Enquiries
011 493 4355
Info@coopergroup.co.za

CRANE SERVICES
General Enquiries
011 493 4355
071 659 4208 (After Hours)
Cranes@coopergroup.co.za

CRANE SERVICES
Free State
057 355 4172
073 047 2103 (After Hours)
Cranesfs@coopergroup.co.za



MANUAL HOISTS

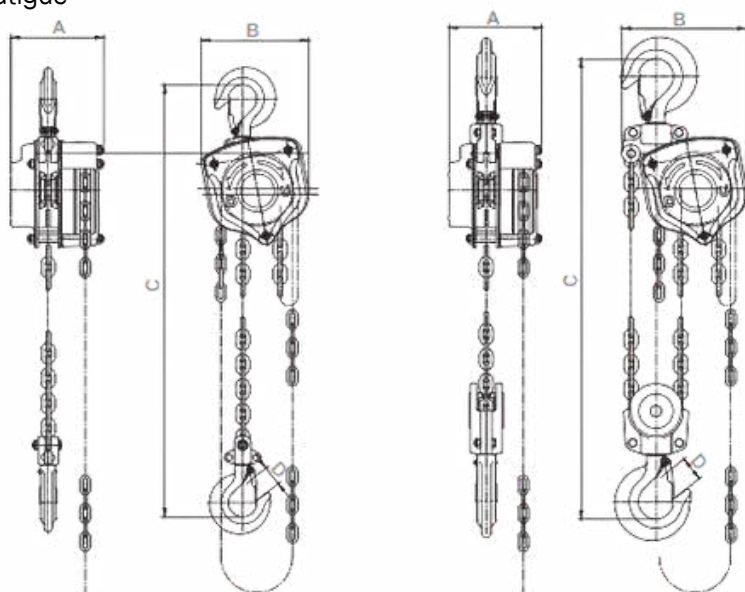


Capacity Range: 1 - 40 Ton

Compliance: Units tested & conform to SANS 1594 - **SABS Approved**

Key Features:

- **Optional Overload Protection:** Slip clutch system (Up to 15 ton)
- **Protective Steel Covers:** Easily removable for inspection and maintenance; shield internal components from dust and rain.
- **Mechanical Load Brake:** Holds a load securely at any position for enhanced safety.
- **Drop-Forged Hooks:** Heat-treated steel with spring latches; 360° rotation for easy rigging.
- **Precision Chain Guide:** Ensures smooth, consistent chain movement.
- **High-Strength Load Sheaves:** Deep cast pockets perfectly seat the load chain; supported by pre-lubricated bearings.
- **Low Pulling effort:** Smooth and efficient operation for reduced operator fatigue



Capacity [Ton]	Chain falls [No.]	Load Chain [mm]	Hand Chain [mm]	Weight [kg]	A [mm]	B [mm]	C [mm]	D [mm]
1	1	6.3	5	12	147	145	330	30
1,5	1	7.1	5	14	147	164	360	33
2	1	7.9	5	22	184	187	380	38
3	2	7.1	5	23	147	206	480	42
5	2	9	5	41	185	258	620	45
7,5	3	9	5	55	185	367	720	45
10	4	9	5	95	185	367	820	53
15	6	9	5	180	212	745	850	79
20	8	9	5	200	212	873	970	85
25	10	9	5	393	388	798	1500	85
30	12	9	5	536	426	798	1870	95
40	16	9	5	696	502	798	1960	95

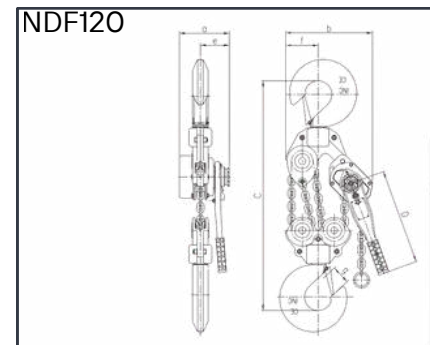
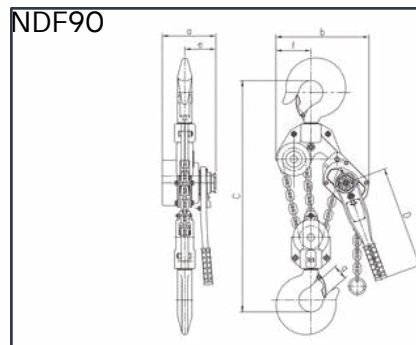
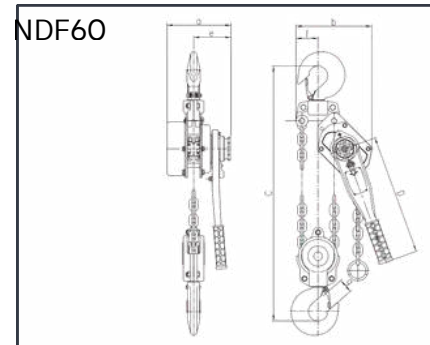
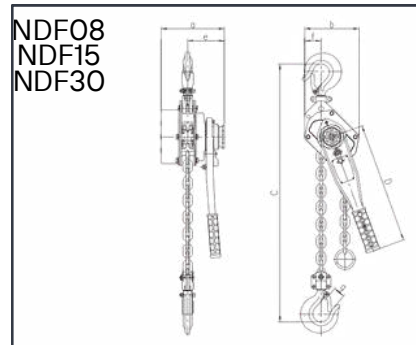


Capacity Range: 0.8 - 12 Ton

Compliance: Units tested & conform to SANS 1636 - **SABS Approved**

Key Features:

- **Optional Overload Protection:** Slip clutch system [Up to 9 ton]
- **Multiple Suspension Options:** Available in rivet, welded and beam-type configurations.
- **Heavy-Duty Frame Construction:** Rugged steel side plates provide strength and durability.
- **Rubber Grip Handle:** Non-slip design improves comfort and operational control.
- **Forged Safety Hooks:** Heat-treated hooks fitted with safety latches for secure lifting.
- **360° Swivel Hooks:** Allow easy rigging and improved load positioning.
- **Reinforced Stay Bolts:** Strengthen the hoist structure and improve impact resistance.
- **Mechanical Load Brake:** Automatically holds the load securely in any position.
- **Single Spring Mechanism:** Simplified design reduces complexity and enhances reliability.
- **Smooth Manual Operation:** Efficient load handling with reduced operator effort.



Capacity [Ton]	Chain falls [No.]	Load Chain [mm]	Weight [kg]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
0.8	1	6.3	7	155.5	121	329.5	273	102	38	25
1.5	1	7.1	10.5	168.5	141.5	379	386	107	45	28
2	1	7.1	11	168.5	141.5	395	386	107	45	30
3	1	9	17.5	201	172.5	465	386	117	52	38
6	2	9	29	201	241	615	386	117	70	46
9	3	9	56	201	349	775	386	117	131	57
12	4	9	74	201	349	880	386	117	131	79

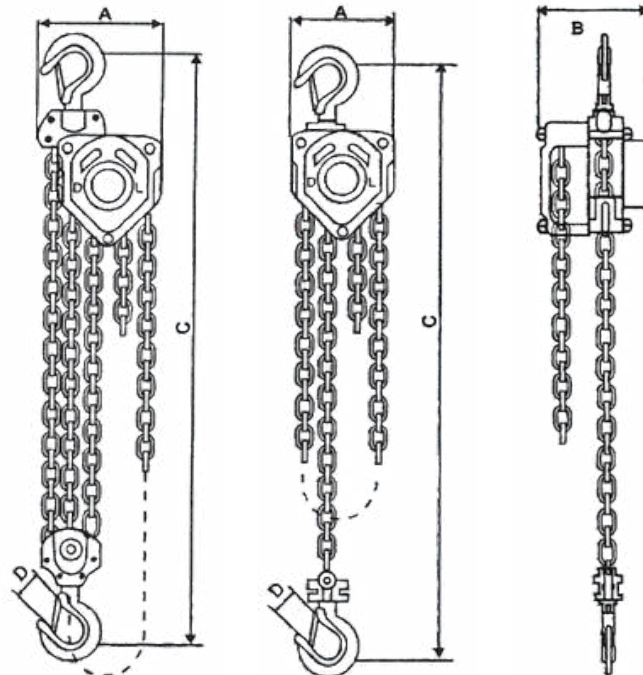


Capacity Range: 0.5 - 20 Ton

Compliance: Units tested & conform to SANS 1594

Key Features:

- **Optional Overload Protection:** Slip clutch system (Up to 5 ton)
- **Robust Steel Frame:** Cantilever-supported drive shaft for added strength
- **Reliable Braking System:** Large-diameter friction disc and replaceable ratchet parts ensure consistent stopping power
- **Forged Alloy Steel Hooks:** Heat-treated with stamped safety latches for strength and safety
- **Smooth Operation:** Maintenance-free bearing with corrosion resistance and optimised chain guidance
- **Low Pulling effort:** Smooth and efficient operation for reduced operator fatigue



Capacity [Ton]	Chain falls [No.]	Load Chain [mm]	Hand Chain [mm]	Weight [kg]	A [mm]	B [mm]	C [mm]	D [mm]
0,5	1	6	5	10	127	131	270	25
1	1	6	5	12	158	140	317	27
1,5	1	8	5	18	187	161	399	30
2	1	8	5	24	187	161	414	30
3	2	8	5	32	210	161	465	40
5	2	10	5	46	253	184	363	50
10	4	10	5	71	271	184	760	76
20	8	10	5	145	271	184	865	90

TSALA Lever Hoist

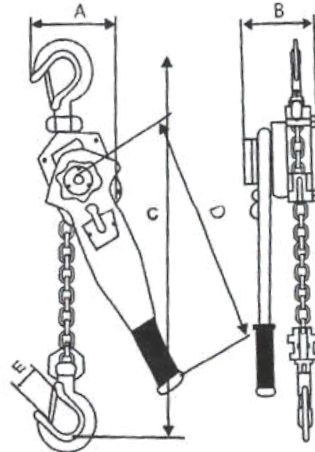


Capacity Range: 0.75 - 9 Ton

Compliance: Units tested & conform to SANS 1636

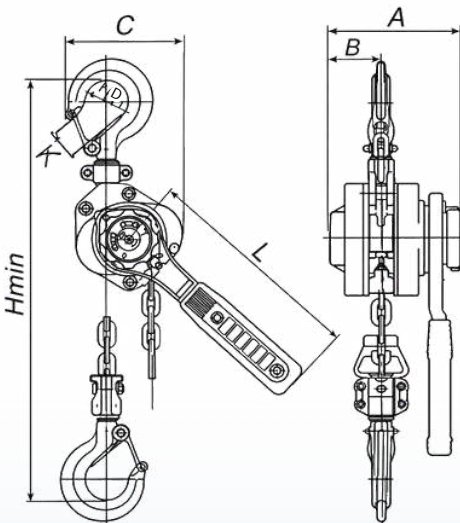
Key Features:

- **Optional Overload Protection:** Slip clutch system
- **Double Pawl Mechanical Brake:** Load-activated for secure holding in any position
- **Drop-Forged Hooks:** Heat-treated with 360° rotation for easy rigging
- **Compact and Portable:** Easy to handle, transport, and position on-site
- **Low Pulling Effort:** Smooth, efficient operation reduces operator fatigue



Capacity [Ton]	Chain falls [No.]	Load Chain [mm]	Weight [kg]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
0.75	1	6	7.2	136	148	325	290	30
1.5	1	8	11.8	160	172	380	410	35
3	1	10	23	180	200	480	410	40
6	2	10	33	235	200	620	410	50
9	3	10	43	255	200	620	410	50

TSALA V-Tec Lever Hoist



Capacity Range: 0.25 & 0.5 Ton

Compliance: Units tested & conform to SANS 1636

Key Features:

- **Ratchet & Brake System:** Integrated braking mechanism delivers safe and controlled operation.
- **Dual Pawl Mechanism:** Double safety design provides secure and dependable load holding.
- **Lightweight Aluminum Body:** Compact, durable construction ideal for tight and elevated workspaces.
- **Two-Stage Gear Reduction:** Improves lifting efficiency while reducing operator effort.
- Supplied with 1M Lift

Capacity [Ton]	Load Chain [mm]	Weight [kg]	A [mm]	B [mm]	C [mm]	Hmin [mm]	L [mm]	D [mm]	K [mm]
0.25	4	1.9	94.5	35	84	230	163	Ø34	24

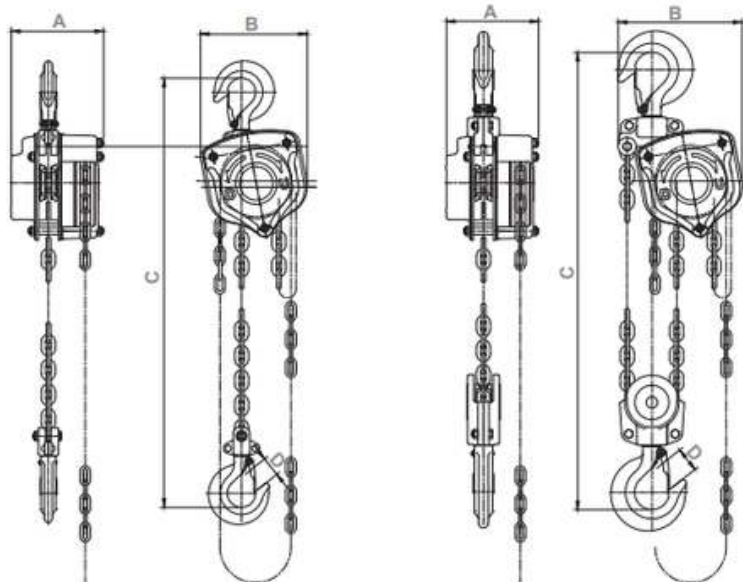


Capacity Range: 0.5 - 20 Ton

Compliance: Units tested & conform to SANS 1594

Key Features:

- **Robust Steel Covers:** Quick to remove for inspection and maintenance; shield internal components from dust and light rain
- **Reliable Mechanical Load Brake:** Holds the load securely at any point during lifting or lowering
- **Forged, Heat-Treated Hooks:** Fitted with safety latches and capable of 360° rotation for easier rigging
- **Optimised Chain Guidance:** Smooth, precise chain alignment for snag-free operation
- **High-Precision Load Sheaves:** Deep pockets seat the chain perfectly; mounted on pre-lubricated bearings for reduced wear



Capacity [Ton]	Chain falls [No.]	Load Chain [mm]	Hand Chain [mm]	Weight [kg]	A [mm]	B [mm]	C [mm]
0.5	1	6.3	5	11	150	154	315
1	1	6.3	5	11.5	147	157	315
1.5	1	7.1	5	13.8	147	174	340
2	1	7.9	5	21.6	179	204	380
3	2	7.1	5	23	147	206	475
5	2	9	5	41	179	263	635
10	4	9	5	78	179	367	460
15	6	9	5	1150	207	754	850
20	8	9	5	190	207	873	870

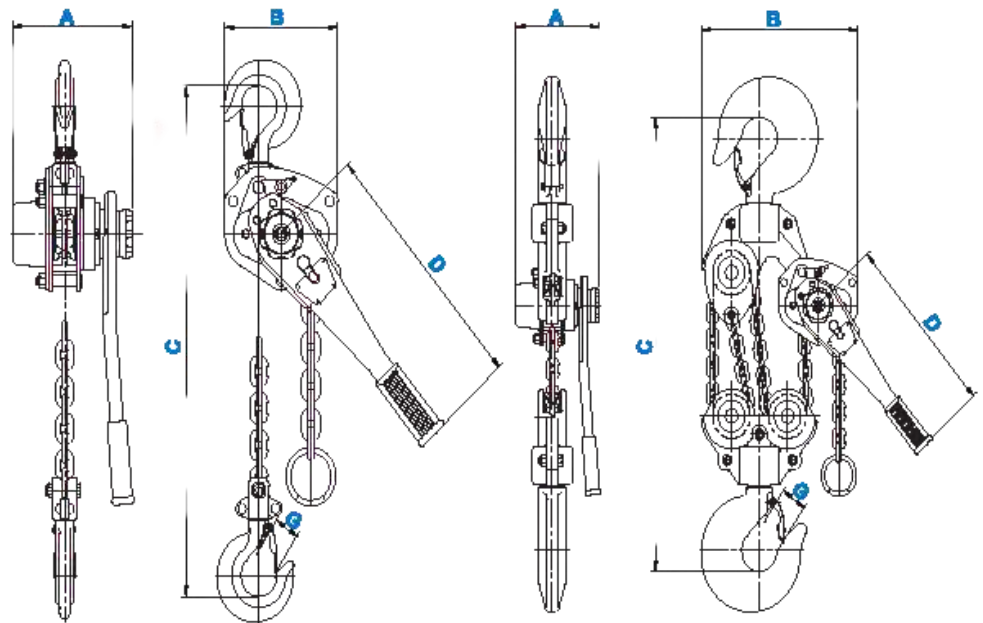


Capacity Range: 0.75 - 9 Ton

Compliance: Units tested & conform to SANS 1636

Key Features:

- **Operation:** Two levers and a knob for precise control; lock engages only when chain is slack
- **Gears:** Six-tooth pinion and four-pocket load sheave; permanently lubricated
- **Mechanical Load Brake:** Holds full capacity loads in any position without handle feedback
- **Hooks:** Drop-forged, heat-treated steel with spring latches; 360° rotation



Capacity [Ton]	Chain falls [No.]	Load Chain [mm]	Weight [kg]	A [mm]	B [mm]	C [mm]	D [mm]	G [mm]
0.75	1	6.3	7	147	147	295	260	26
1.5	1	7.1	10	163	147	325	370	33
3	1	9	17	192	181	430	370	42
6	2	9	28	192	248	590	370	46
9	3	9	56	192	356	700	370	45

A close-up photograph of a yellow electric hoist. The hoist has a digital display with red numbers showing '0.00'. To the right of the display is a black label with a white '3' and 'TON' below it, indicating a 3-ton capacity. The hoist is mounted on a metal structure, and a black cable is visible. The background is slightly blurred, showing industrial equipment.

ELECTRIC HOISTS



Capacity Range: 1 - 20 Ton
Voltage Options: 380V or 525V
Speed Options: Single or Dual

Key Features:

- **Compact, Lightweight Design:** Easy to install and integrate into existing systems.
- **Dual Brake System:** Mechanical load brake + electric brake for enhanced safety & controlled load lowering.
- **Upper & Lower Limit Switches:** Prevent overwinding or overlowering
- **Heavy-Duty Hoist Motor:** High-torque design, 30-minute duty rating, Class F insulation, & thermal protection
- **Robust Gearbox:** Alloy steel helical and spur gear reduction with easy top-access inspection and oil lubrication.
- **Forged Load Hook:** Carbon steel construction with heavy-duty latch and 360° rotation
- **Traversing Limiter & Rubber Bumper:** Prevents trolley overtravel and absorbs impact.

Optional Extras:

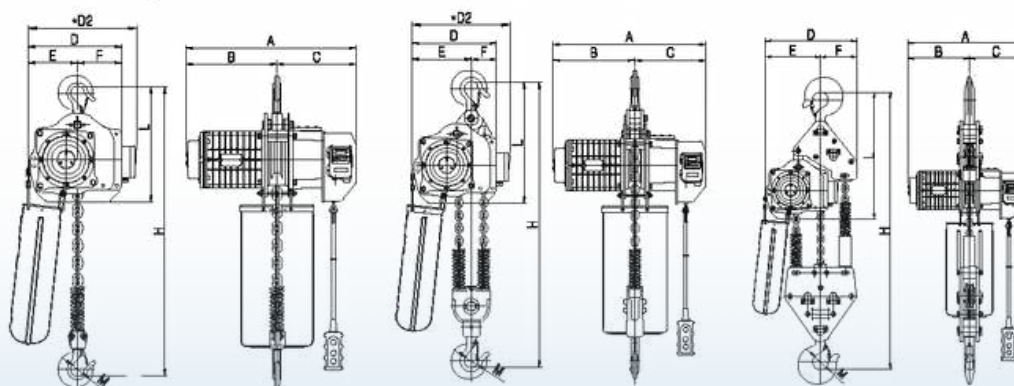
- **Overload Detection:** Load-sensing device helps prevent overloading
- **Inverter/ Variable Frequency Drive:** Adjustable dual lifting/traversing speed for precise, silent operation.
- **Weather Cover:** Protects the hoist for outdoor or seasonal use.

Parameter Specification

Model	Capacity [Ton]	Chain falls [No.]	Lifting speed SINGLE [M/Min]	Lifting speed DUAL [M/Min]	Lifting motor kW	Load chain [mm]	Weight SINGLE [kg]	Weight DUAL [kg]
1S	1	1	6.8/8.2	2.2-6.4	1.8	7.1	72	74
2W	2	2	3.4/4.1	1.1-3.2	1.8	7.1	85	87
2S	2	1	6.7/8.1	2.2-8.5	3.5	11.2	121	128
3S	3	1	4.35/5.15	1.5-4.6	3.5	11.2	167	149
5W	5	2	1.8/2.1	0.9-2.1	3.5	11.2	407	276
7.5W	7.5	3	1.8/2.1	1.35-3.25	3.5	11.2	798	411
10W	10	4	1.8/2.1	1.35-3.25	3.5	11.2	901	800
15W	15	6	1.3/1.6	0.9-2.1	3.5×2	11.2	901	905
20W	20	8	1.3/1.6	0.67-1.6	3.5×2	11.2	901	905

Dimensions (mm)

MODEL	1S	2W	2S	3S	5W	7.5W	10W	15W	20W
A SINGLE	572	572	671	671	716	764	806	806	806
A DUAL	652	652	738	738	760	898	940	940	940
B	307	307	358	358	380	449	470	470	470
C SINGLE	274	274	313	313	380	449	470	470	470
C DUAL	345	345	380	380	380	449	470	470	470
D	300	300	370	370	1032	1152	1152	1152	1152
D2	357	357	430	430	N/A	N/A	N/A	N/A	N/A
E	170	219	198	273	418	426	426	426	426
F	130	82	172	102	418	426	426	426	426
M	35	60	70	120	120	120	120	120	120
H	566	805	755	945	1440	1790	1790	1790	1790
L	405	490	483	560	740	822	933	933	933





Capacity [Ton]	1	2	3	5
Trolley Speed – Single [m/min]	12 / 15	12 / 15	11 / 14	11 / 14
Trolley Speed – Dual [m/min]	5.2–15.2	5.2–15.2	5.2–15.2	5.2–15.2
Motor Power [kW]	0.4	0.4	0.75	0.75
I-Beam Flange Width [mm]	75–125	100–150	100–150	125–175
Min. Curve Radius [mm]	800	800	1000	1800
Net Weight – Single [kg]	105	128	221	254
Net Weight – Dual [kg]	109	132	225	258

DONSA-X Electric Hoist



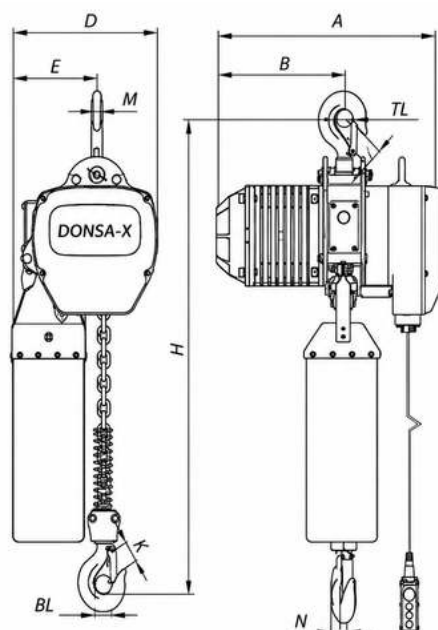
Capacity Range: 0.5 - 5 Ton

Voltage Options: 380V or 525V

Speed Options: Single or Dual

Key Features:

- **Built-in Friction Clutch:** Acts as a safety protection when the hoist is overloaded or reaches travel limits.
- **Durable Double-Insulated Motor:** High-torque motor with Class F insulation, thermal protection, and a strong exhaust cooling fan to control temperature during high-intensity operation and ensure long service life.
- **Upper & Lower Limit Switch:** Prevents lifting limit failure and automatically stops the hoist at upper or lower limits.
- **Electromagnetic Braking System:** Current-type electromagnetic brake delivers strong braking torque without thermal attenuation.

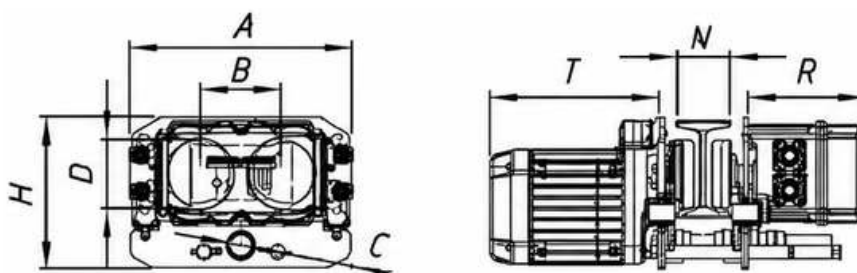


Parameter Specification

Capacity [Ton]	Lifting Speed [m/min]	Motor Power [kW]	Chain falls [No.]	Load Chain [mm]	Net weight (kg)
0.5	7.2	0.75	1	6.3	42
1	6.7	1.5	1	7.1	50
2	3.3	1.5	2	7.1	90
3	3.0	3.0	2	10	90
5	2.7	3.0	2	11.2	140

Dimension Information

Capacity [Ton]	0.5	1	2	3	5
H [mm]	550	650	800	950	1030
A [mm]	460	520	615	615	615
B [mm]	230	260	295	295	295
D [mm]	280	300	430	430	430
TL/DL [mm]	ø35	ø40	ø47	ø58	ø60
E [mm]	160	176	265	320	325
J [mm]	25	31	40	47	48
K [mm]	25	31	38	47	48
M [mm]	17	22	30	36	43



Parameter Specification

Capacity [Ton]	1	2	3	5
A [mm]	240	282	334	354
B [mm]	198	191	201	226
C [mm]	275	325	367	390
D [mm]	105	162	195	248
E [mm]	95	120	143	180
F [mm]	87-153	82-153	102-178	102-178
Trolley Speed [m/min]	10	10	10	10
Motor Power [W]	400	400	750	750
Net Weight [kg]	32	41	100	125

LIFTKET Electric Hoist



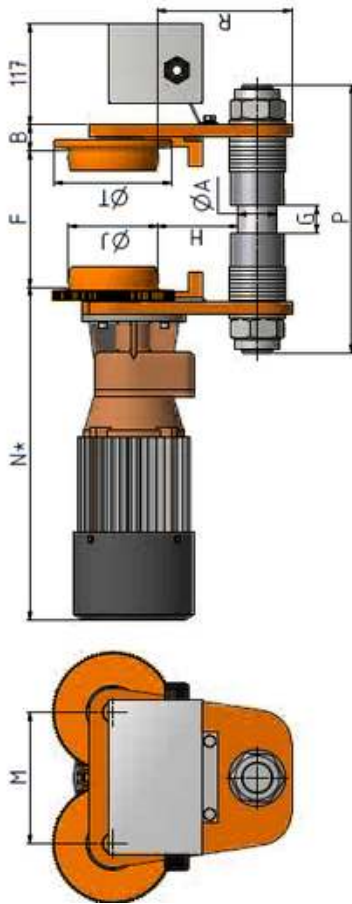
Capacity Range: 0.125 – 25 Ton
Voltage Options: 220v or 380V or 525V
Speed Options: Single or Dual

Key Features:

- **German Engineering:** Designed and built in Germany
- **Patented Clutch-Brake Safety System:** Guarantees load security and prevents load drop, even in clutch failure.
- **High Duty Motor:** Fan-cooled with Class F insulation for continuous operation, even in harsh conditions.
- **Reliable DC Disc Brake:** Low-wear, low-delay braking ensures safe holding at any height.
- **Precision Gear & Sprocket Design:** Heat-treated helical gears and machined sprocket wheel for smooth, efficient performance.
- **Lightweight Aluminium Housing:** Strong yet compact for easy handling and installation.
- **IP55 Protection:** Dust- and splash-resistant, suitable for tough environments.
- **Upper & Lower Limit Switches:** Integrated protection against over-lifting and over-lowering.
- **Modular Build:** Motor, brake, and gearbox can be replaced independently for quick servicing.

Capacity [Ton]	Version	Model	Speed [m/min]	Chain Falls [No.]	Lifting Motor [kW]	Hook Opening [mm]	Weight [kg]
Single Speed							
0.125	125/1-4	020/52	4	1	0.25	24	18
0.25	250/1-4	020/52	4	1	0.25	30	19
0.25	250/2-8	050/50	8	2	0.5	30	24
0.5	500/1-4	030/52	4	1	0.5	35	26
0.5	500/2-8	050/50	8	2	0.9	35	32
1	04/01/1000	030/52	4	1	0.9	43	38
1	08/02/1000	050/50	8	2	1.5	43	48
2	04/01/2000	040/54	4	1	1.5	52	62
2	08/02/2000	070/75	8	2	3	52	78
Dual Speed							
0.5	500/1-4	030/52	4 / 1	1	0.5	35	28
1	1000/1-4	030/52	4 / 1	1	0.9	43	42
2	2000/2-8	070/75	8 / 2	2	3	52	84
Low Headroom							
0.5	500/1-4 LH	030/52	4	1	0.5	35 mm	32
1	1000/1-4 LH	030/52	4	1	0.9	43 mm	48
2	2000/2-8 LH	070/75	8	2	3	52 mm	92

LIFTKET Motorized Trolley



Trolley Type	Size	Flange Width F [mm]	A [mm]	B [mm]	G [mm]	H [mm]	J [mm]	M [mm]	T [mm]	P [mm]	R [mm]	Travelling speed I [m/min]	Motor Power I [kW]	N° at travel motor I [mm]	Travelling speed II [m/min]	Motor Power II [kW]	N° at travel motor II [mm]	Travelling speed III [m/min]	Motor Power III [kW]	N° at travel motor III [mm]
EEF/EHF 1000	N	66-135	28	26.5	24	71	70	112	88	243	109	5+20	0.04/0.18	264	7.5+30	0.06/0.25	356	16 or 25	0.12	192
EEF/EHF 1000	S1	137-215	32	26.5	24	69	70	112	88	325	109	5+20	0.04/0.18	264	7.5+30	0.06/0.25	356	16 or 25	0.12	192
EEF/EHF 1000	S2	220-300	35	26.5	24	67.5	70	112	88	409	109	5+20	0.04/0.18	264	7.5+30	0.06/0.25	356	16 or 25	0.12	192
EEF/EHF 2000	N	66-135	35	26.5	24	87.5	70	112	88	268	135	5+20	0.04/0.18	264	7.5+30	0.06/0.25	356	16 or 25	0.12	192
EEF/EHF 2000	S1	137-215	40	26.5	24	85	70	112	88	348	135	5+20	0.04/0.18	264	7.5+30	0.06/0.25	356	16 or 25	0.12	192
EEF/EHF 2000	S2	220-300	45	26.5	24	82.5	70	112	88	434	135	5+20	0.04/0.18	264	7.5+30	0.06/0.25	356	16 or 25	0.12	192
EEF/EHF 3200	N	82-155	45	28	32	93	103	152.5	136	332	156	5+20	0.04/0.18	356	7.5+30	0.06/0.25	356			
EEF/EHF 3200	S1	137-215	50	28	32	90.5	103	152.5	136	390	156	5+20	0.04/0.18	356	7.5+30	0.06/0.25	356			
EEF/EHF 3200	S2	220-300	55	28	32	88	103	152.5	136	482	156	5+20	0.04/0.18	356	7.5+30	0.06/0.25	356			
EEF/EHF 5000	N	90-155	50	50	35	95	122	191	160	345	170	4+16	0.06/0.25	407						
EEF/EHF 5000	S1	160-226	55	55	35	92.5	122	191	160	414	170	4+16	0.06/0.25	407						
EEF/EHF 5000	S2	240-300	63	63	35	88.5	122	191	160	496	170	4+16	0.06/0.25	407						
EEF/EHF 6300	N	90-155	50	50	35	95	122	191	160	345	170	4+16	0.06/0.25	407						
EEF/EHF 6300	S1	160-226	55	55	35	92.5	122	191	160	414	170	4+16	0.06/0.25	407						
EEF/EHF 6300	S2	240-300	63	63	35	88.5	122	191	160	496	170	4+16	0.06/0.25	407						

DONSA Stagemaster

D8 Plus Electric Hoist



Capacity Range: 0.25–2 Ton

Classification: D8+

Protection Rating: IP66

Voltage: 380–415 V

Frequency: 50 Hz

Phase: Three-Phase

Manufactured to: EN 14492-2, EN 17206 and SQP2:2024

Key Features:

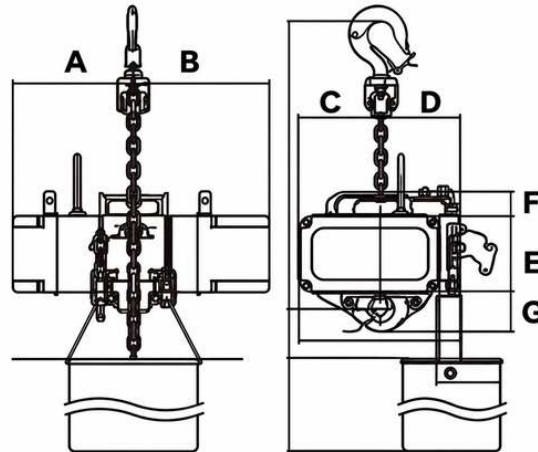
- **Mechanical Slipping Clutch:** Protects the motor by allowing controlled slipping during overloads.
- **High-Strength Aluminium Body:** Lightweight, strong and durable construction.
- **Lifting Motor:** Aluminium-alloy housing with efficient heat dissipation.
- **Five-Pocket Load Sprockets:** Heat-treated for smooth, quiet chain operation.
- **Dual DC Electromagnetic Brake:** Improves safety and simplifies inspection.
- **Gear Transmission:** Provides smooth operation with reduced noise.

Optional Extras:

- **Encoder:** Displays hook position and speed for accurate load positioning.
- **External Limit Switch:** Enables quick adjustment of the stopping position.

Configuration Notes:

- The standard DC configuration excludes a limit switch.
- A 2-limit or 2+2-limit switch arrangement is available.

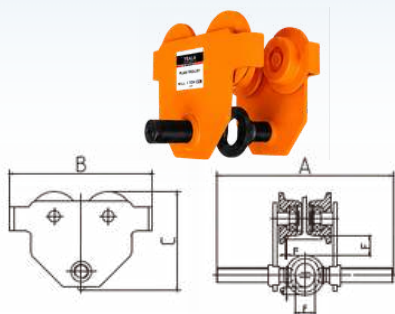


Capacity [kg]	0.25	0.5	0.5	1	1	2
Type	DC	DC	DC/LVC	DC/LVC	DC/LVC	DC/LVC
Brake Nos. [No.]	2	2	2	2	2	2
FEM Class	M5 (2m)	M3 (1Bm)	M5 (2m)	M3 (1Bm)	M5 (2m)	M3 (1Bm)
Duty Cycle [%]	40	25	40	25	40	25
Chain Size [mm]	5 × 15	5 × 15	7.1 × 21	7.1 × 21	8 × 24	10 × 30
Fall [No.]	1	1	1	1	1	1
Lifting Speed [m/min]	4	4	4	4	4	4
Motor Power [kW]	0.18	0.37	0.37	0.75	0.75	1.5
Body Weight [kg]	14	15	26	29	47	50
Minimum Headroom [mm]	400	400	600	600	585	585
Dimension A [mm]	197	197	206	206	239	239
Dimension B [mm]	174	174	231	231	266	266
Dimension C [mm]	110	110	145	145	169	169
Dimension D [mm]	111	111	142	142	166	166
Dimension E [mm]	100	100	133	133	150	150
Dimension F [mm]	44	44	44	44	44	44
Dimension G [mm]	117	117	146	146	167	167
Dimension K [mm]	22	28	31	31	31	39

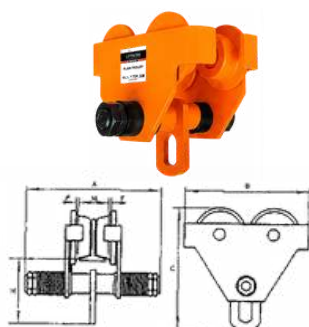


LIFTING ATTACHMENTS

0.5 - 5 Ton



10 Ton



Plain Crawl

Capacity Range: 0.5 - 10Ton

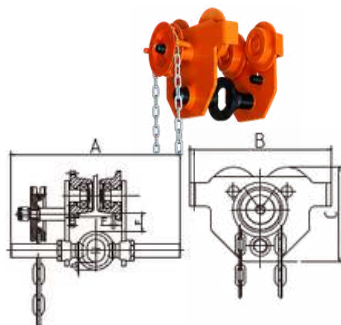
Material: High-tensile carbon steel side plates & wheels, precision bearings

Key Features:

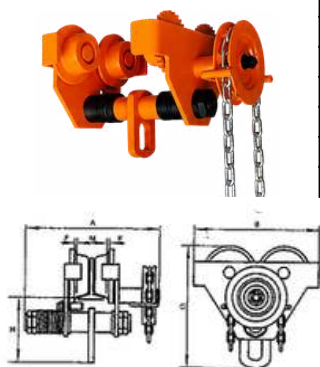
- **Simple Push/Pull Design:** Easy to move by hand along beam flanges
- **Adjustable Clamp Bolts:** Quick adjustment to fit a wide range of beam widths.
- **Smooth Rolling:** Sealed ball bearings ensure effortless travel and low rolling resistance.
- **Heavy-Duty Design:** Built with robust side plates and safety lugs for secure suspension.
- **Compact & Low Headroom:** Keeps the hoist close to the beam for maximum lifting height.

Capacity [Ton]	I-Beam Width [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Min. Radius Curve [M]	Weight [kg]
0.5	55-220	285	198	158	12.5	40	≈3	0.5	5
1	58-220	300	238	183	17	31	≈3	0.7	8.8
2	66-220	300	277	208	20	31	≈3	0.9	14
3	74-220	328	324	249	26	31	≈3	1.2	23
5	90-220	354	373	296.5	28	40	≈5	1	40
10	125-203	403	455	490	82	36.5	≈5	1.3	86.5

0.5 - 5 Ton



10 Ton



Geared Crawl

Capacity Range: 0.5 - 5 Ton

Material: High-tensile carbon steel side plates & wheels, precision bearings

Key Features:

- **Smooth Hand-Chain Operation**
- **Adjustable Clamp Bolts:** Fits a wide range of beam widths
- **Precision Gear System:** Machined steel gears ensure smooth and consistent trolley movement under load.
- **Compact & Low Headroom:** Keeps hoist close to the beam, maximising lifting height.
- **Heavy-Duty Design:** Built with robust side plates and safety lugs for secure suspension.

Capacity [Ton]	I-Beam Width [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Min. Radius Curve [M]	Weight [kg]
0.5	55-220	352.5	198	158	12.5	40	≈3	0.5	8.5
1	58-220	353.5	238	183	17	31	≈3	0.7	12.5
2	66-220	362	277	208	20	31	≈3	0.9	17
3	74-220	406.5	324	249	26	31	≈3	1.2	28
5	90-220	434.5	373	296.5	28	40	≈5	1	45
10	125-203	487.5	455	490	82	36.5	≈5	1.3	93

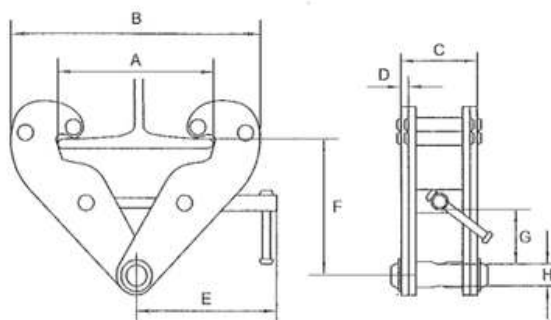


Capacity Range: 1 - 10 Ton

Material: High-tensile carbon steel side plates & wheels, precision bearings

Key Features:

- **Versatile Fit:** Adjustable width to suit a wide range beams
- **Secure Suspension Point:** Provides a strong, fixed anchor for hoists and lifting gear.
- **Quick Installation:** Easy to clamp onto beams without drilling or welding.
- **Heavy-Duty Design:** Robust construction for demanding industrial applications.
- **Safety Assured:** Fitted with locking mechanisms to prevent slippage.
- **Portable Solution:** Lightweight and easy to relocate between beams as required.



Capacity [Ton]	Adjustable Beam Width [mm]	A (max) [mm]	B (min) [mm]	B (max) [mm]	C [mm]	D [mm]	E [mm]	F (min) [mm]	F (max) [mm]	G [mm]	H [mm]
1	75-220	260	180	360	64	5	215	102	155	25	22
2	75-220	260	180	360	74	6	215	102	155	25	22
3	80-320	354	235	490	103	8	260	140	225	45	24
5	80-320	354	235	490	110	10	260	140	225	45	28
10	90-320	365	320	505	120	12	280	170	235	50	40

DONSA Hydraulic Bottle Jack



Capacity Range: 10 - 50 Ton

Manufactured to: EN1494:2008

Key Features:

- Suitable for operating temperatures from -35°C to 50°C
- Fitted with an integrated safety overload valve
- Heavy-duty welded steel construction
- Adjustable extension screw for increased lifting range
- Compact design for easy transport and storage
- Durable powder-coated finish for corrosion resistance

Capacity [Ton]	Closed Height [mm]	Lift [mm]	Screw Extension [mm]	Net Weight [kg]
10	200	125	60	5.6
20	235	145	60	10.0
30	255	150	-	14.0
50	260	180	-	28.0



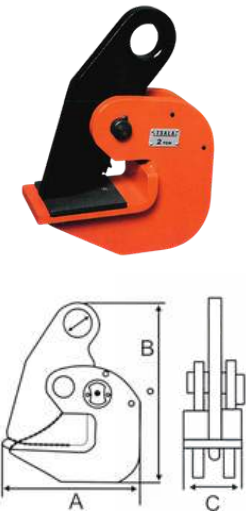
Vertical Plate Clamp

Capacity Range: 1 - 5 Ton

Key Features:

- Latch-type safety lock with spring-loaded clamping mechanism
- Automatic clamping increases grip proportionally to load weight
- High-tensile steel body with precision-forged construction for crack resistance
- Round swivel jaw ensures secure grip on steel plates
- Durable baked epoxy coating for corrosion resistance

Capacity [Ton]	Jaw Opening [mm]	Weight [kg]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J [mm]
1	0-22	3.6	24	36	150	50	24	220-260	30	156	52	14
2	0-30	6.0	35	45	155	60	30	250-295	38	190	60	18
3	0-35	9.2	40	50	175	60	35	296-360	40	226	68	20
5	0-45	16.5	50	58	218	60	43	350-450	50	270	76	22



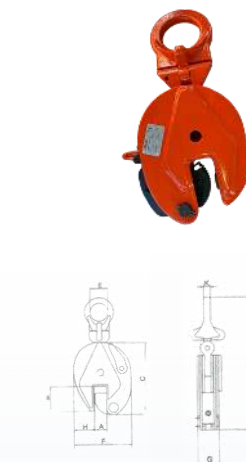
Horizontal Plate Clamp

Capacity Range: 0.75 - 2 Ton

Key Features:

- Automatic clamping mechanism increases grip relative to load weight
- High-tensile steel body with precision-forged construction for enhanced durability
- Fitted with a locking spring for added safety
- Round swivel jaw ensures a firm and secure grip on steel plates
- Durable baked epoxy coating for corrosion resistance

Capacity [Ton]	Jaw Opening [mm]	Weight [kg]	A [mm]	B [mm]	C [mm]
0.75	0-25	3.0	125	175	50
1.5	0-30	4.0	157	204	65
2	0-45	6.0	231	310	90



Universal Plate Clamp

Capacity Range: 1 - 5 Ton

Key Features:

- Suitable for lifting, transporting and turning steel plates in vertical and horizontal positions
- Automatic clamping mechanism increases grip proportionally to the applied load
- Heavy-duty body constructed from high-tensile steel with precision-forged components
- Durable baked epoxy finish for corrosion resistance

Capacity [Ton]	Jaw Opening [mm]	Weight [kg]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	K [mm]
0.5	0-15	2	25	37	125	205	27	98	42	29	11
1	0-20	5	33	63	170	295	48	138	56	44	13
2	0-25	8	38	76	205	375	67	163	56	54	18
3	0-30	15	45	83	237	435	76	200	80	59	20
5	0-50	23	63	90	285	510	80	232	90	65	25

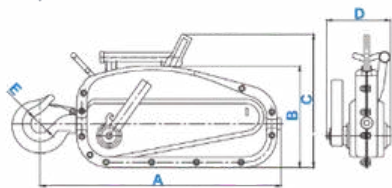


WIRED ROPE WINCHES

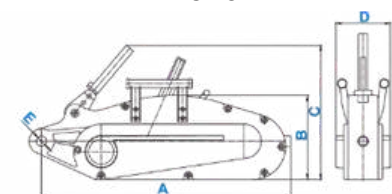
Capacity Range: 1.6 & 3 Ton

Key Features:

- Steel shell (1.6T) Aluminium shell (3T)
- Suitable for lifting, pulling and positioning loads over extended distances, depending on wire rope length
- Versatile design allows use across multiple configurations for professional applications
- Simple lever-operated mechanism for ease of use
- Lightweight construction enables quick and easy installation
- No practical limitation on cable length
- Compact, robust and powerful for demanding environments
- Load capacity can be increased through the use of deflection sheaves



1.6 Ton



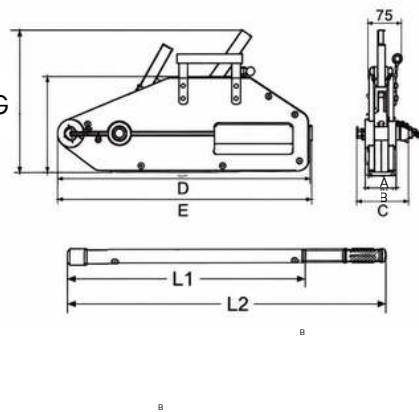
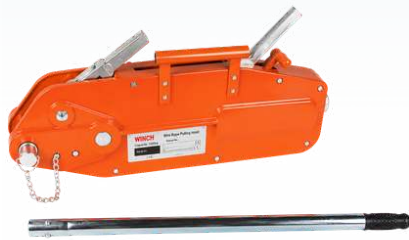
3.2 Ton

Capacity [Ton]	1.6	3
Wire rope dia. [mm]	IWRC 11.6	IWRC 16.0
Casing of material	SPC	AL casting
Transmission speed [m/min]	3	3
Pulling capacity [Ton]	2.5	5
Max. test to [Ton]	3	6
Breaking strength of wire [Ton]	9.68	17.2
Safety device	Safety hooks	Safety pins
External dimension (W x L x H) [cm]	62 x 30 x 15	72 x 32 x 14
Length of handle [mm]	1050	1210
Net weight without wire [kg]	22	32
A [mm]	556	675
B [mm]	235	228
C [mm]	350	343
D [mm]	147	148
E [mm]	43	28.5

Capacity Range: 0.8; 1.6; 3.2 & 5.4 Ton

Key Features:

- High-strength steel construction for durability and extended service life
- Versatile, portable unit for pulling, lifting, lowering, spanning, and securing loads over long distance
- Lightweight design ensures easy handling and operation in field conditions
- Forward lever incorporates a built-in shear pin for overload protection (~25% overload)
- Automatic gripping mechanism ensures secure load holding during operation
- Compatible with a wide range of wire rope diameters per model specification
- Low maintenance design with simple servicing requirements



Capacity [Ton]	0.8	1.6	3.2	5.4
Rated Forward Handpower [N]	343	400	441	745
Rated Forward Travel [mm]	≥52	≥55	≥28	≥30
Rope Diameter [mm]	8.3	11	16	20
Wire Rope Safety Factor & Load Capacity	5	5	5	5
Safety Factor & Static Load Capacity	5	5	5	5
Max. Travelling Load [kg]	1200	2400	4800	8000
A [mm]	44	56	70	90
B [mm]	60	68	98	160
C [mm]	101	120	150	200
D [mm]	420	545	645	935
E [mm]	430	556	666	940
F [mm]	172	200	227	300
G [mm]	215	300	315	410
L1 [cm]	80	80	80	88
L2 [cm]	80	120	120	135



STEEL WIRE ROPE

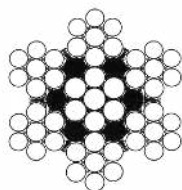


1X19 Stainless Steel

Grade: 316

Manufactured to: EN12385

Dia. [mm]	Weight [kg/100m]	Minimum breaking load [Ton]
3	3.3	0.509
4	5.9	0.906
5	9.3	1.417
6	13.4	2.039
8	23.8	3.63
10	37.2	5.669
12	53.5	8.157
14	72.8	11.114
16	97.4	15.295

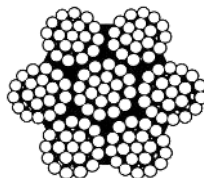


7X7 Stainless Steel

Grade: 316

Manufactured to: EN12385

Dia. [mm]	Weight [kg/100m]	Minimum breaking load [Ton]
1	0.4	0.06
1.5	0.6	0.125
2	1.6	0.241
2.5	2.3	0.378
3	3.4	0.544
4	6	0.967
5	9.5	1.509



7X19 Stainless Steel

Grade: 316

Manufactured to: EN12385

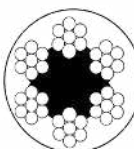
Dia. [mm]	Weight [kg/100m]	Minimum breaking load [Ton]
3	3.30	0.509
4	5.90	0.906
5	9.30	1.417
6	13.40	2.039
8	23.80	3.630
10	37.20	5.669
12	53.50	8.157
14	72.80	11.114
16	97.40	15.295

DONSA Steel Wire Rope: General Purpose & PVC Coated



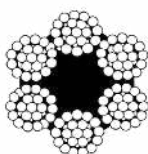
6 X 7 [6/1] FC Galvanised
Manufactured To: EN12385
*Also available ungalvanised

Dia. [mm]	Weight [kg/100m]	Minimum breaking load [Ton]
1.5	1.35	0.134
2	1.40	0.239
3	3.10	0.539
4	5.50	0.959
5	8.60	1.498
6	12.50	2.157



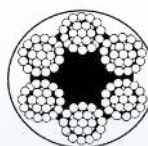
6 X 7 [6/1] FC PVC Coated
Manufactured To: EN12385

Dia. [mm]	Weight [kg/100m]	Minimum breaking load [Ton]	PVC Cover colour
2 - 3	1.60	0.134	clear
3-5	5.10	0.539	clear or red
4-6	8.20	0.959	blue or clear
6 - 8	14.50	1.70	clear or red
10 - 12	32.00	3.80	black



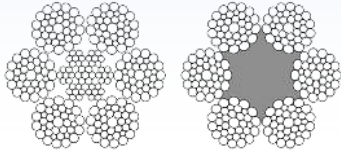
6 X 19 [9/9/1] IWRC & FC Galvanised
Manufactured To: EN12385
*Also available ungalvanised
*Also available 6 X19 [12/6/1] Construction

IWRC				FC		
Dia [mm]	Weight [kg/m]	Minimum Breaking Load		Weight [kg/m]	Minimum- Breaking Load	
		1770 N/mm ² [kN]	1960 N/mm ² [kN]		1770 N/mm ² [kN]	1960 N/mm ² [kN]
3	-	-	-	0.030	4.9	5.2
4	-	-	-	0.054	8.7	9.2
5	-	-	-	0.084	13.6	14.4
6	-	-	-	0.121	19.6	20.7
8	0.256	40.3	44.7	0.230	37.4	41.4
10	0.400	63.0	69.8	0.359	58.4	64.7
12	0.576	90.7	100.5	0.517	84.1	93.1
13	0.676	106.5	117.9	0.607	98.7	109.3
14	0.784	124.0	137.0	0.704	114.0	127.0
16	1.024	161.0	179.0	0.919	150.0	166.0
18	1.296	204.0	226.0	1.163	189.0	210.0
20	1.600	252.0	279.0	1.436	234.0	259.0
22	1.936	305.0	338.0	1.738	283.0	313.0
24	2.304	363.0	402.0	2.068	336.0	373.0
26	2.704	426.0	472.0	2.427	395.0	437.0
28	3.136	494.0	547.0	2.815	458.0	507.0
30	3.600	567.0	628.0	3.231	526.0	582.0



6 X 19 [9/9/1] FC PVC Coated
Manufactured To: EN12385

Dia [mm]	Weight [kg/100m]	Minimum breaking load [Ton]	PVC Cover colour
8-10	53.60	3.547	clear
10-12	34.60	5.542	clear

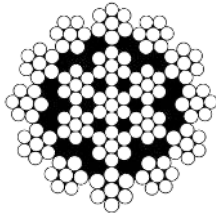


6 X 36 [14/7 + 7/7/1] IWRC & FC Galvanised

Manufactured To: EN12385

*Also available ungalvanised

IWRC				FC		
Dia [mm]	Weight [kg/m]	Minimum Breaking Load		Weight [kg/m]	Minimum Breaking Load	
		1770 N/mm ² [kN]	1960 N/mm ² [kN]		1770 N/mm ² [kN]	1960 N/mm ² [kN]
6	0.147	22.7	25.1	0.132	21.0	23.3
8	0.262	40.3	44.7	0.235	37.4	41.4
10	0.409	63.0	69.8	0.367	58.4	64.7
12	0.589	90.7	100.5	0.528	84.1	93.1
13	0.691	106.5	117.9	0.620	98.7	109.3
14	0.802	124.0	137.0	0.719	114.0	127.0
16	1.047	161.0	179.0	0.940	150.0	166.0
18	1.325	204.0	226.0	1.189	189.0	210.0
20	1.636	252.0	279.0	1.468	234.0	259.0
22	1.980	305.0	338.0	1.776	283.0	313.0
24	2.356	363.0	402.0	2.114	336.0	373.0
26	2.765	426.0	472.0	2.481	395.0	437.0
28	3.207	494.0	547.0	2.877	458.0	507.0
30	3.681	567.0	628.0	3.303	526.0	582.0
32	4.188	645.0	715.0	3.758	598.0	662.0
34	4.728	728.0	807.0	4.243	675.0	748.0
36	5.301	817.0	904.0	4.756	757.0	838.0
38	5.906	910.0	1008.0	5.299	843.0	934.0
40	6.544	1008.0	1116.0	5.872	935.0	1035.0
42	7.215	1112.0	1231.0	6.474	1030.0	1141.0
44	7.918	1220.0	1351.0	7.105	1131.0	1252.0
46	8.654	1333.0	1476.0	7.776	1236.0	1369.0
48	9.423	1452.0	1608.0	8.456	1346.0	1490.0
50	10.225	1575.0	1744.0	9.175	1460.0	1617.0



19X7 Non-Spin Ungalvanised

Manufactured To: EN12385-4

Diameter [mm]	Approx. Weight [kg/100m]	MBL 1770 MPa [kN]	MBL 1960 MPa [kN]	MBL 2160 MPa [kN]
10	41.1	59.8	66.2	73.0
11	49.7	72.4	80.1	88.3
12	59.2	86.1	95.4	105
13	69.5	101	112	123
14	80.6	117	130	143
16	105	153	170	187
18	133	194	215	236
19	146	216	239	263
20	164	239	265	292
22	199	289	320	353
24	237	344	381	420
26	278	404	448	493
28	322	469	519	572

Steel Wire Rope: Blocks, Clips & Grips



Snatch Block

- Available in single sheave with hook or oval eye suspension.
- Designed for steel wire rope applications
- Side-opening design for easy rope insertion
- Heavy-duty steel construction
- Smooth sheave groove helps reduce wire rope wear
- Suitable for lifting and pulling operations
- Corrosion-resistant finish available

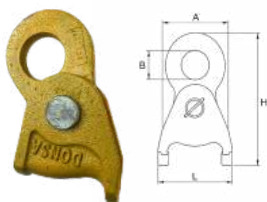
Capacity [Ton]	Sheave dia [mm]	Wire Rope Size [mm]
0.5	75 - 100	5 - 8
1.0	125	10
2.0	150	11
3.0	200	13
5.0	200+	16
10	200 - 250	18
20	250 - 300	24
40	300 - 450	32 - 38

Steel Wire Rope Reeving Blocks

- Designed for steel wire rope applications
- Heavy-duty steel construction
- Smooth machined sheave reduces wire rope wear
- Suitable for lifting and pulling operations
- Reinforced side plates for increased durability
- Available in multiple sheave sizes and configurations
- Corrosion-resistant finish available



Rope dia. [mm]	Sheave dia. [mm]	SWL 1; 2 & 3 Sheave [kg]
10-13	100	500
10-13	125	1000
10-13	150	2000
13-16	200	3000
16-20	250	5000
16-26	300	7000
20-22	350	10000



DONSА Wire Rope Clips

Plug-in design allows easy insertion of the wire rope and provides strong clamping force

High anti-slip performance; jaw teeth prevent slipping and deformation

SWL [Ton]	Size [mm]	A [mm]	B [mm]	H [mm]	L [mm]
1.5	10-12	72	36	143	80
2	12-14	80	40	162	89.5

Wire Rope Grips

Precision-machined smooth jaws minimise damage to the wire rope

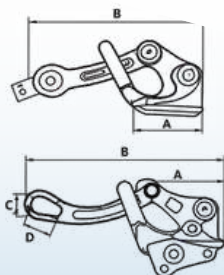
Manufactured from high-strength forged carbon steel

Semi-circular jaw design, suitable for pulling steel wire ropes and cables

Equipped with a safety latch to prevent slipping

Special heat treatment for increased tensile strength and durability

Surface finish: zinc plated (corrosion resistant)



SWL [Ton]	Rope Size [mm]	A [mm]	B [mm]	C [mm]	D [mm]
0.5	1.0-10	40	133	16	16
1	2.5-16	93	179	23.3	38
2	4.0-22	104	249	26.6	43
3	16-32	139.5	340	30.3	50
4	18-35	149	352	34	57

Generally in accordance with SANS 7531

WLL OF STEEL WIRE ROPE SLINGS												
The data supplied applies to hand & mechanically spliced slings in the more popular rope diameters & configurations	1 leg - 1 part		1 leg - 1 part		2 legs - 1 part each			Endless	Max permitted angle 90°			
												
	6:1							8:1				
Rope Construction	Rope Dia (mm)	Est. Breaking force (kN)	Vertical lift	Choker Hitch	Halsing Sling	Cradle Sling	60°	90°	120°	Reeving Sling	Endless w. bight	Rope Dia. (mm)
6 x 19 [9/9/1] FC 1700MPa RH Lay	10	59.0	1.00	0.75	1.50	1.41	1.73	1.41	1.00	1.06	1.13	10
	13	101.8	1.73	1.30	2.59	2.44	2.99	2.44	1.73	1.83	1.95	13
	10	77.5	1.03	0.77	1.55	1.45	1.78	1.45	1.03	1.09	1.16	10
	13	102.5	1.74	1.31	2.61	2.46	3.01	2.46	1.74	1.85	1.96	13
	16	156.3	2.66	1.99	3.98	3.74	4.59	3.74	2.66	2.81	2.99	16
6 x 36 [14/7 + 7/7/1] FC 1700MPa RH Lay	19	221.4	3.76	2.82	5.64	5.30	6.51	5.30	3.76	3.99	4.23	19
	20	242.4	4.12	3.09	6.18	5.81	7.12	5.81	4.12	4.37	4.63	20
	22	297.0	5.08	3.78	7.67	7.11	8.73	7.11	5.05	5.35	5.68	22
	24	342.2	5.81	4.36	8.72	8.20	10.06	8.20	5.81	6.16	6.54	24
	26	405.8	6.89	5.17	10.34	9.72	11.93	9.72	6.89	7.31	7.76	26
	28	479.7	8.15	6.11	12.22	11.49	14.10	11.49	8.15	8.64	9.17	28
	32	627.2	10.66	7.99	15.98	15.02	18.43	15.02	10.66	11.30	11.99	32
	8	44.7	0.72	0.54	1.07	1.01	1.22	1	0.72	0.76	0.8	8
	9	56.5	0.9	0.68	1.36	1.27	1.54	1.27	0.9	0.96	1.02	9
	10	69.8	1.12	0.84	1.68	1.57	1.9	1.56	1.12	1.18	1.26	10
6 x 36 [14/7 + 7/7/1] IWRC 1960MPa RH Lay	13	118	1.89	1.42	2.83	2.66	3.21	2.64	1.89	2	2.12	13
	14	137	2.19	1.64	3.29	3.09	3.73	3.07	2.19	2.32	2.47	14
	16	179	3.29	2.46	4.93	4.63	5.59	4.6	3.29	3.48	5.26	16
	18	226	4.15	3.11	6.22	5.85	7.05	5.81	4.15	4.4	6.64	18
	20	279	5.12	3.84	7.68	7.22	8.71	7.17	5.12	5.43	8.19	20
	22	338	6.2	4.65	9.31	8.75	10.55	8.69	6.2	6.58	9.93	22
	24	402	7.38	5.53	11.07	10.4	12.54	10.33	7.38	7.82	11.81	24
	26	472	8.66	6.5	13	12.22	14.73	12.13	8.66	9.18	13.86	26
	28	547	10.04	7.53	15.06	14.16	17.07	14.06	10.04	10.64	16.06	28
	30	628	11.53	8.65	17.29	16.25	19.6	16.14	11.53	12.22	18.44	30
32	715	13.12	9.84	19.69	18.5	22.31	18.37	13.12	13.91	21	32	



RIGGING HARDWARE



Screw Pin Bow Shackles

With Screw collar pin

Generally To U.S FED. SPEC. RR-C-271

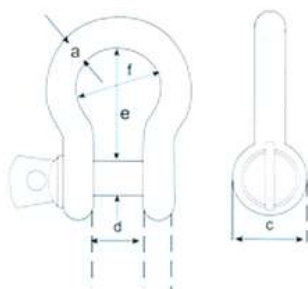
Material: High tensile (bow), alloy steel (pin)

Finish: Hot-dipped galvanised

Safety Factor: 6:1

*Raised section provided for serial-numbers if required

*Available with yellow or silver pin



SWL [Ton]	Bow dia. B [mm]	Pin dia. C [mm]	Eye dia. D [mm]	Width Inside E [mm]	Length Inside F [mm]	Width Bow [mm]
0.50	6	8	16	12	29	20
0.75	8	10	19	13.5	31	21
1	10	11	23	17	37	26
1.5	11	13	27	19	43	29
2	13	16	30	20	48	33
3.25	16	19	38	27	60	43
4.75	19	22	46	32	71	50
6.5	22	25	53	36	84	58
8.5	25	28	61	43	85	68
9.5	28	32	68	46	108	74
12	32	35	76	51	119	82
13.5	35	38	84	57	133	92
17	38	42	92	60	146	98
25	45	50	106	73	177	127
35	50	57	119	83	197	138
55	65	70	145	105	260	185



Screw Pin Dee Shackles

With Screw collar pin

Generally To U.S FED. SPEC. RR-C-271

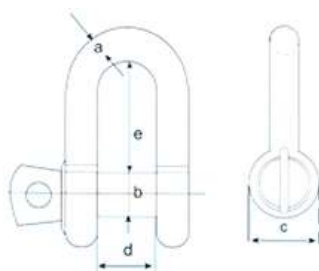
Material: High tensile (bow), alloy steel (pin)

Finish: Hot-dipped galvanised

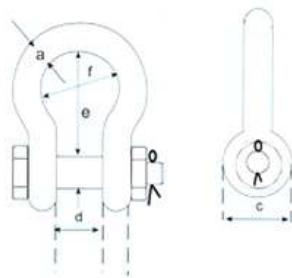
Safety Factor: 6:1

*Raised section provided for serial-numbers if required

*Available with yellow or silver pin



SWL [Ton]	Bow dia. B [mm]	Pin dia. C [mm]	Eye dia. D [mm]	Width Inside E [mm]	Length Inside [mm]
0.5	6	8	16	12	22
0.75	8	10	19	13.5	26
1	10	11	23	17	32
1.5	11	13	27	19	37
2	13	16	30	20	41
3.25	16	19	38	27	51
4.75	19	22	46	32	60
6.5	22	25	53	36	71
8.5	25	28	61	43	81
9.5	28	32	68	46	90
12	32	35	76	51	100
13.5	35	38	84	57	111
17	38	42	92	60	122
25	45	50	106	73	146
35	50	57	119	83	171
55	65	70	145	105	203



Safety Bow Shackles

with safety bolt, nut & split pin

Generally To U.S FED. SPEC. RR-C-271F

Material: High tensile (bow), alloy steel (pin)

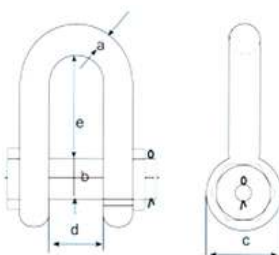
Finish: Hot-dipped galvanised

Safety Factor: 6:1

*Raised section provided for serial-numbers if required

*Available with yellow or silver pin

SWL [Ton]	Bow dia. B [mm]	Pin dia. C [mm]	Eye dia. D [mm]	Width Inside E [mm]	Length Inside F [mm]	Width Bow [mm]
0.75	8	10	19	13.5	31	21
1	10	11	23	17	37	26
1.5	11	13	27	19	43	29
2	13	16	30	20	48	33
3.25	16	19	38	27	60	43
4.75	19	22	46	32	71	50
6.5	22	25	53	36	84	58
8.5	25	28	61	43	95	68
9.5	28	32	68	46	108	74
12	32	35	76	51	119	82
13.5	35	38	84	57	133	92
17	38	42	92	60	146	98
25	45	50	106	73	177	127
35	50	57	119	83	197	138
55	65	70	145	105	260	185



Safety Dee Shackle

with safety bolt, nut & split pin

Generally To U.S FED. SPEC. RR-C-271D

Material: High tensile (bow), alloy steel (pin)

Finish: Hot-dipped galvanised

Safety Factor: 6:1

*Raised section provided for serial-numbers if required

*Available with yellow or silver pin

SWL [Ton]	Bow dia. B [mm]	Pin dia. C [mm]	Eye dia. D [mm]	Width Inside E [mm]	Length Inside F [mm]
2	13	16	30	20	41
3.25	16	19	38	27	51
4.75	19	22	46	32	60
6.5	22	25	53	36	71
8.5	25	28	61	43	81
9.5	28	32	68	46	90
12	32	35	76	51	100
13.5	35	38	84	57	111
17	38	42	92	60	122
25	45	50	106	73	146
35	50	57	119	83	171
55	65	70	145	105	203



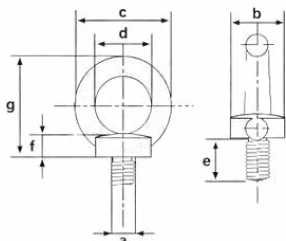
Eye Bolts

Generally to DIN 580

Material: Carbon Steel C15

Finish: Electro-galvanised

Standard Factor: MBL = 4 X WLL



SWL [Ton]	Pin dia. A [mm]	Width Base B [mm]	Eye dia. C [mm]	Eye dia. Inside D [mm]	Length Inside E [mm]	Thickness Base F [mm]	Height G [mm]
0.07	6	20	36	20	13	6	36
0.14	8	20	36	20	13	6	36
0.23	10	25	45	25	17	8	45
0.34	12	30	54	30	20.5	10	53
0.49	14	35	63	30	27	12	60
0.7	16	35	63	35	27	12	62
0.9	18	40	72	35	30	14	71
1.2	20	40	72	40	30	14	71
1.5	22	45	81	40	35	14	80
1.8	24	50	90	50	36	18	90
2.5	27	50	90	50	36	18	90
3.6	30	65	108	50	45	22	109
4.3	33	65	108	60	45	22	110
5.1	36	75	126	70	54	26	128
6.1	39	75	126	70	54	26	130
7	42	85	144	80	63	30	147
8	45	85	144	80	63	30	150
8.6	48	100	166	90	68	35	168
11.5	56	110	184	100	78	38	187
16	64	120	206	110	90	42	208



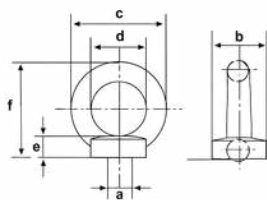
Eye Nuts

Generally To DIN 582

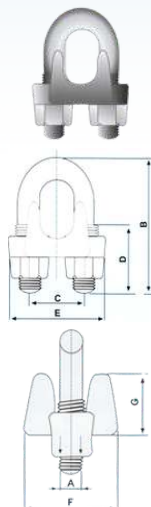
Material: Carbon Steel C15

Finish: Electro-galvanised

Standard Factor: MBL = 4 X WLL



SWL [Ton]	Thread dia A [mm]	Width Base B [mm]	Eye dia. Outside C [mm]	Eye dia. Inside D [mm]	Thickness Base E [mm]	Height F [mm]
0.07	6	20	36	20	8.5	36
0.14	8	20	36	20	8.5	36
0.23	10	25	45	25	10	45
0.34	12	30	54	30	11	53
0.49	14	35	63	30	13	60
0.7	16	35	63	35	13	62
1.2	20	40	72	35	16	71
1.5	22	45	81	45	18	80
1.8	24	50	90	40	20	90
2.5	27	50	90	50	20	90
3.6	30	65	108	50	25	109
4.3	33	65	108	60	25	110
5.1	36	75	126	70	30	128
6.1	39	75	126	70	30	130
7	42	85	144	80	35	147
8	45	85	144	80	35	150
8.6	48	100	166	90	40	168



Heavy Duty Wire Rope Clamps

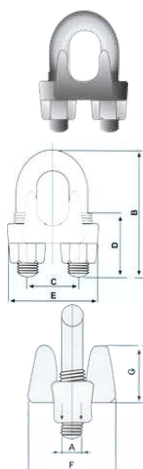
Generally to U.S. Fed. Spec. FF-C-450

Drop Forged

Material: SAE 1035 high tensile steel

Finish: Saddle – hot dip galvanised ; U-bolt – electro-galvanised

Wire rope dia [mm]	U-Bolt dia of thread A [mm]	Overall length of U-bolt B [mm]	Inside width C [mm]	Length of thread D [mm]	Length of base E [mm]	Thickness of base F [mm]	Height of base G [mm]
3	5	24	12	10	28	22	14
5	6	31	16	11	32	26	16
6	8	34	19	13	37	30	17
8	10	45	22	19	43	33	18
10	11	49	26	19	49	42	23
13	13	51	30	26	58	48	29
16	14	74	33	32	64	52	34
19/20	16	66	38	37	72	57	36
22	19	98	45	42	80	62	41
25/26	19	108	48	46	88	67	45
28	19	117	51	51	91	71	48
32	22	130	59	54	105	79	56
38	22	147	66	60	113	87	64
44	29	175	78	70	134	92	75
50	32	196	86	76	149	113	83



Bulldog Wire Rope Clamps

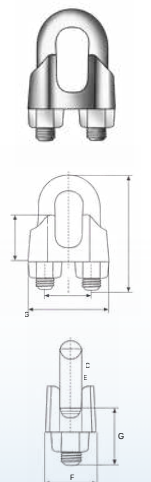
Generally to U.S. Fed. Spec. FF-C-450

Drop Forged

Material: SAE 1035 high tensile steel

Finish: Saddle – hot dip galvanised ; U-bolt – electro-galvanised

Wire rope dia [mm]	U-Bolt dia of thread A [mm]	Overall length of U-bolt B [mm]	Inside width C [mm]	Length of thread D [mm]	Length of base E [mm]	Thickness of base F [mm]	Height of base G [mm]
3	5	25	11	10	22	14	11
5	6	30	13	11	26	15	13
6	8	39	17	13	32	18	15
8	8	42	18	19	35	20	16
10	10	51	22	19	40	22	16
13	12	65	27	26	49	26	23
16	14	73	33	32	57	28	28
20	14	82	35	37	61	32	34
22	16	94	41	42	71	37	38
25	16	103	45	46	77	42	43



Commercial Wire Rope Clamps

Generally to DIN 741

Drop Forged

Material: Saddle – cast steel ; U-bolt – mild steel

Finish: Electro-galvanised

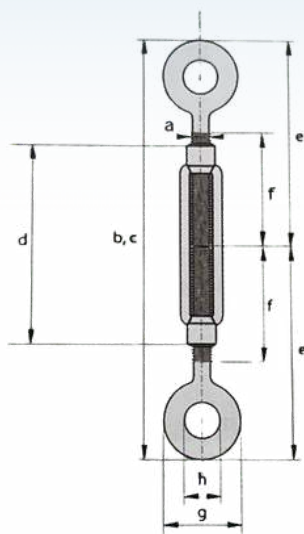
Wire rope dia [mm]	U-Bolt dia of thread A [mm]	Overall length of U-bolt B [mm]	Inside width C [mm]	Length of thread D [mm]	Length of base E [mm]	Thickness of base F [mm]	Height of base G [mm]
3	4	20	9	12	21	10	10
5	5	24	11	13	23	11	10
6	6	28	15	15	26	12	11
8	6	34	16	19	30	14	15
10	8	42	19	22	34	18	17
13	10	55	24	30	42	23	21
16	12	63	29	33	50	26	26
20	12	75	32	38	54	29	30

Turnbuckles: Eye - Eye

Generally To DIN 1480

Material: Drop forged mild steel

Finish: Electro-galvanised



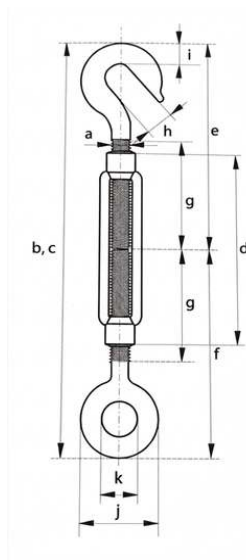
Thread dia. A [mm]	length closed position B [mm]	length open position C [mm]	length body D [mm]	length end fitting E [mm]	length thread F [mm]	eye outside dia. G [mm]	eye inside dia. H [mm]
6	160	246	110	80	55	20	9
8	168	248	110	84	57	22	10
10	210	300	125	105	68	31	14
12	222	305	125	110	70	35	16
14	244	334	140	123	75	40	18
16	300	416	170	143	88	47	22
20	334	466	200	165	105	52	24
22	372	527	220	185	118	60	27
24	410	587	255	208	135	65	27
30	440	605	255	220	135	71	31
33	490	690	295	245	148	88	36
36	554	740	295	277	158	94	38
42	630	840	330	315	180	108	44
48	720	960	360	360	205	122	52

Turnbuckles: Hook - Eye

Generally To DIN 1480

Material: Drop forged mild steel

Finish: Electro-galvanised



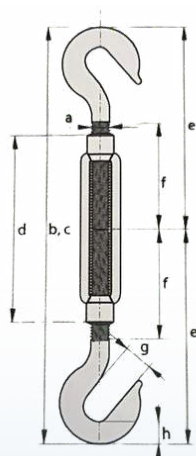
Thread dia. A [mm]	length closed position B [mm]	length open position C [mm]	length body D [mm]	length end fitting E [mm]	length end fitting F [mm]	length thread G [mm]	opening hook H [mm]	thickness hook I [mm]	eye outside dia. J [mm]	eye inside dia. K [mm]
6	172	258	110	77	80	55	8	15	20	9
8	184	264	110	85	84	57	10.5	15	22	10
10	222	311	125	106	105	68	13	11	31	14
12	241	324	125	117	111	70	16	13	35	16
14	261	351	140	124	122	75	18	15	40	18
16	311	427	170	144	150	88	20	17	47	22
20	358	490	200	170	167	105	21	21	52	24
22	414	559	220	200	186	118	24	28	60	27
24	453	630	255	215	205	135	26	33	65	27
30	495	660	255	240	220	135	34	35	71	31
33	545	744	295	260	245	148	38	40	88	36
36	597	782	295	275	277	158	46	45	94	38
42	690	915	345	325	325	185	54	55	110	45
48	780	1045	395	375	375	215	62	65	126	52

Turnbuckles: Hook - Hook

Generally To DIN 1480

Material: Drop forged mild steel

Finish: Electro-galvanised



Thread dia. A [mm]	length closed position B [mm]	length open position C [mm]	length body D [mm]	length end fitting E [mm]	length thread F [mm]	opening hook G [mm]	thickness hook H [mm]
6	184	270	110	92	55	8	15
8	200	280	110	100	57	10.5	15
10	234	323	125	117	68	13	11
12	260	343	125	130	70	16	13
14	278	368	140	139	75	18	15
16	322	438	170	161	88	20	17
20	382	514	200	191	105	21	21
22	456	601	220	228	118	24	28
24	496	673	255	248	135	26	33
30	550	715	255	275	135	34	35
33	600	799	295	300	148	38	40
36	640	825	295	320	158	46	45
42	760	980	350	380	190	52	50
48	860	1120	400	430	220	58	56

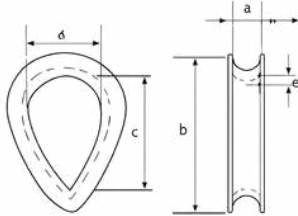


Heavy Duty Thimble

Generally To B.S. 464

Material: Mild steel

Finish: Hot dipped galvanised



Wire rope dia. [inch]	Width groove A [mm]	Length B [mm]	Width outside C [mm]	Length inside D [mm]	Width inside E [mm]
1/4	6	48	30	20	3.5
5/16	8	54	33	22	4.0
3/8	10	64	38	25	4.8
1/2	14	80	44	32	5.6
5/8	17	98	53	41	7.9
3/4	20	124	73	51	9.5
7/8	23	133	83	57	9.5
1	27	162	108	70	10.3
1 1/8	29	178	118	76	12.7
1 1/4	33	197	133	95	12.7

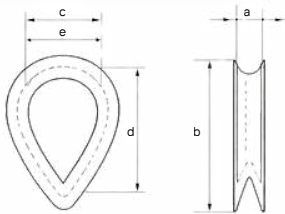


Light Duty Thimble

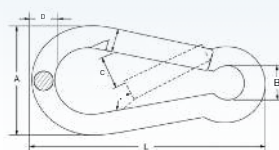
Generally To G411

Material: Mild steel

Finish: Electro-galvanised



Wire rope dia. [mm]	Width groove A [mm]	Length B [mm]	Width outside C [mm]	Length inside D [mm]	Width inside E [mm]
3	4	49	27	33	18
5	7	49	27	33	18
6	7	49	27	33	18
8	9	54	32	38	21
10	10	60	37	41	24
13	13	70	45	48	29
16	17	89	61	64	35
20	20	95	68	64	41

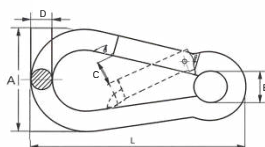


Carabine Hooks

Generally To DIN 5299C

Material: Electro-galvanised Steel

Size [mm]	A [mm]	B [mm]	C [mm]	D [mm]	L [mm]
4X40	20	6	6	3.8	40
5X50	25	8	7	4.8	50
6X60	30	9	8	5.7	60
7X70	35	10	10	6.7	70
8X80	40	12	11	7.7	80
9X90	45	15	12	8.7	90
10X100	50	17	12	9.7	100
11X120	57	18	19	10.5	120
12X140	67	20	20	11.5	140

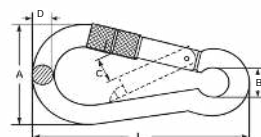


Carabine Hooks with insert

Generally To DIN 5299A

Material: Electro-galvanised Steel

Size [mm]	A [mm]	B [mm]	C [mm]	D [mm]	L [mm]
4X40	20	5	6	3.8	40
5X50	25	5	7	4.8	50
6X60	30	5	8	5.7	60
7X70	35	7	10	6.7	70
8X80	40	10	11	7.7	80
9X90	45	10	12	8.7	90
10X100	50	13	12	9.7	100
11X120	57	13	19	10.5	120
12X140	67	15	20	11.5	140

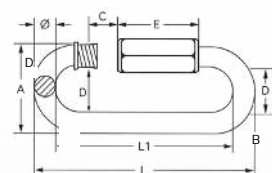


Carabine Hooks with screw breech

Generally To DIN 5299C

Material: Electro-galvanised Steel

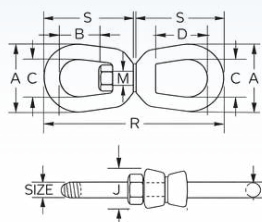
Size [mm]	A [mm]	B [mm]	C [mm]	D [mm]	L [mm]
5X50	25	8	6	4.8	50
6X60	30	9	7	5.7	60
7X70	35	10	7.5	6.7	70
8X80	40	10	8.5	7.7	80
9X90	45	12	9	8.7	90
10X100	50	15	10	9.7	100
11X120	57	17	16	10.5	120
12X140	67	20	18	11.5	140



Quick Links

Material: Electro-galvanised Steel

Size [mm]	A [mm]	B [mm]	C [mm]	D [mm]	L [mm]	L1 [mm]	E [mm]
3.5	17	10	5	3.5	36	29	11
4	19.5	10	5	3.9	39.5	31.5	12.5
5	23	13	8	4.8	48.5	35.5	16
6	26.5	14.5	8	5.8	57	45	19
7	30	16	10	6.9	66	52	21.5
8	33.5	17	10	7.8	74	58	24
9	37	19	11	8.8	80	62	26
10	40.5	20	14	9.6	89	69	29
12	47.5	23.5	14	11.7	104.5	80.5	33



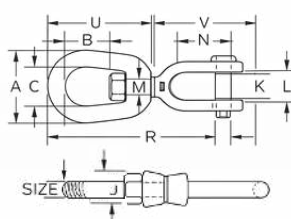
Regular Swivel Hooks

Generally To U.S FED Sped RR-C-271F

Material: Carbon Steel

Finish: Hot Dipped Galvanised

Size [mm]	SWL [kg]	A [mm]	B [mm]	C [mm]	D [mm]	J [mm]	M [mm]	R [mm]	S [mm]
8	259	41.4	20.6	25.4	31.8	20.6	9.65	90.0	52.0
10	463	51.0	23.9	31.8	38.1	25.4	12.7	109	63.5
13	740	63.5	33.3	38.1	51.0	33.3	16.0	138	81.0
16	1070	76.0	39.5	44.5	60.5	38.1	19.1	167	98.5
20	1480	89.0	44.5	51.0	67.0	47.8	22.4	183	109



Jaw-End Swivel Hooks

Generally To U.S FED Sped RR-C-271F

Material: Carbon Steel

Finish: Hot Dipped Galvanised

Size [mm]	SWL [kg]	A [mm]	B [mm]	C [mm]	G [mm]	J [mm]	K [mm]	L [mm]	M [mm]	N [mm]	P [mm]	R [mm]	U [mm]	V [mm]
8	259	41.4	20.6	25.4	20.6	12.7	28.7	9.65	22.4	7.85	74.5	52.0	46.0	46.0
10	463	51.0	23.9	31.8	25.4	16.0	35.8	12.7	26.9	9.65	92.0	63.5	57.0	57.0
13	740	63.5	33.3	38.1	33.3	19.1	44.5	16.0	33.3	12.7	114	81.0	73.0	73.0
16	1070	76.0	39.5	44.5	38.1	23.9	52.0	19.1	38.1	16.0	135	98.5	87.5	87.5
20	1480	89.0	44.5	51.0	44.5	28.7	60.9	22.4	44.5	19.1	154	109	102	102

Carbon Steel Hooks



Eye Type

Swivel Type

WLL [Ton]	Throat opening (all) [mm]	Inside dia. of eye [mm]	Overall length of eye hook [mm]	Inside length of swivel [mm]	Inside width of swivel [mm]	Overall length of swivel hook [mm]
0,75	20	19	109	23	30	140
1	22	22	128	32	37	167
1,5	25	28	142	39	43	189
2	26	31	163	39	43	207
3	32	39	200	45	50	245
5	37	50	260	59	62	320
7,5	47	61	320	67	78	385
10	47	61	320	67	78	385
15	54	71	360	—	—	—



GRADE 80 CHAIN & FITTINGS

DONSA Chain Sling Chart



DONSA chain slings are manufactured to EN818-2-8 standards

When used in a sling the EN818-4-8 standard applies to identify hazards and to prevent hazards during the lifting of loads

All the chain sling components are manufactured in accordance to:

- Din EN 1677-1 – forged steel components requirements Gr80
- Din EN 1677-2 – forged steel lifting hooks with latch Gr80
- Din EN 1677-3 – forged steel self-locking hooks Gr80
- Din EN 1677-4 – links Gr80

Size	Single	Two Leg			Three Leg			Four Leg		
		α 60°	α 90°	α 120°	β 30°	β 45°	β 60°	α 60°	α 90°	α 120°
mm	Ton	Ton	Ton	Ton	Ton	Ton	Ton	Ton	Ton	Ton
7	1.50	2.55	2.10	1.50	3.80	3.15	2.25	3.80	3.15	2.25
10	3.15	5.36	4.41	3.15	7.98	6.62	4.73	7.98	6.62	4.73
13	5.30	9.01	7.42	5.30	13.43	11.13	7.95	13.43	11.13	7.95
16	8.00	13.60	11.20	8.00	20.27	16.80	12.00	20.27	16.80	12.00
20	12.50	21.25	17.50	12.50	31.67	26.25	18.75	31.67	26.25	18.75
22	15.00	25.50	21.00	15.00	38.00	31.50	22.50	38.00	31.50	22.50
26	20.40	34.68	28.56	20.40	51.68	42.84	30.60	51.68	42.84	30.60
32	31.50	53.55	44.10	31.50	79.80	66.15	47.25	79.80	66.15	47.25



Grade 80 Alloy Chain Manufactured To: EN818-2

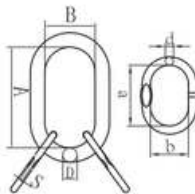
Size [mm]	WLL [kN]	Pitch [mm]	Tolerance Max [mm]	Tolerance Min [mm]	Inside Width [mm]	Outside Width [mm]	Proof Load [kN]	Weight [kg/m]
7	15	21	21.8	20.4	9.1	25.9	38.5	1.1
8	20	24	24.7	23.3	10.4	29.6	60.3	1.4
10	31.5	30	30.9	29.1	13	37	78.5	2.2
13	53	39	40.2	37.8	16.9	48.1	133	3.8
16	80	48	49.4	46.6	20.8	59.2	201	5.7
20	125	60	61.8	58.2	26	74	314	9
22	150	66	68	64	28.6	81.4	380	10.9
26	212	78	80.3	76.7	33.8	96.2	531	14.8
32	321	116	120	112	44	116	811	23.5

Master Links



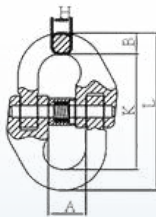
G80 EN818-2 chain [mm]		SWL [Ton]	Dimensions [mm]		
for 1 leg	for 2 legs		A	B	D
7/8	6	1.6	110	60	13
10	7/8	3.15	135	75	18
13	10	5.3	160	90	22
16	13	8	180	100	26
20	18	14	260	140	36
22	20	17	300	160	40
26	22	21.2	340	180	45
32	26	31.5	350	190	50
36	32	45	400	200	56

Master Links [Sub Assembly]



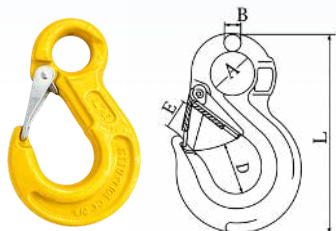
G80 EN818-2 chain [mm]	SWL [Ton]	Dimensions [mm]					
3 or 4 leg sling		A	B	D	a	b	d
7/8	3.15	135	75	18	60	38	13
10	6.7	180	100	26	85	40	18
13	11.2	200	110	32	115	50	22
16	17	260	140	36	140	65	26
20	26.5	350	190	50	180	100	32
22	31.5	350	190	50	180	100	36
26	45	400	200	56	180	100	40
32	63	460	250	72	200	110	50

Connecting Links



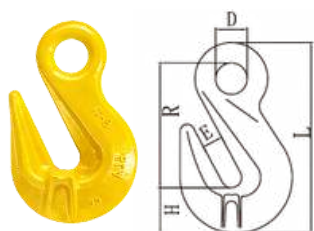
Size [mm]	SWL [Ton]	Breaking Load [Ton]	A± [mm]	B±1 [mm]	L±2.5 [mm]	K±2 [mm]	H±1 [mm]
7/8	2	6	19	8,5	71,8	54,8	8,5
10	3,15	12,6	25	12	90,5	68	11,5
13	5,3	21,2	29	15	117	87	15
16	8	32	34,5	19,8	148	108,4	19,8
20	12,5	50	41	24	169,5	121,5	24
22	15	60	48	26	193,5	141,5	26
26	21,2	84,8	57,5	31	220	158	30
32	31,5	126	67	38	281	205	37

Eye Sling Hooks With Cast Latches



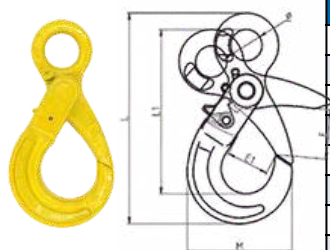
Size [mm]	SWL [Ton]	Breaking Load [Ton]	B±1 [mm]	E±1 [mm]	D±1 [mm]	A±1 [mm]	L±2 [mm]
7	2	8	11	30	26	25	133
10	3.15	12.6	15	34	39	38	167
13	5.3	21.2	19	39	54	43	213
16	8	32	23	46	64	50	255
20	12.5	50	24	48	80.4	63	305
22	15	60	32	71	100	62	348
26	21.2	84.8	35	81	82	64	394
32	31.5	126	37	102	112	88	480

Eye Grab Hooks



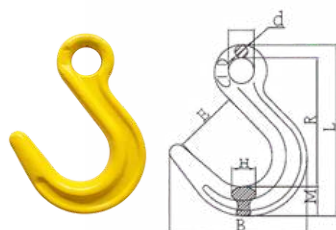
Size [mm]	SWL [Ton]	Breaking Load [Ton]	E±0.5 [mm]	D±1 [mm]	H±1 [mm]	R±2 [mm]	L±2 [mm]
7/8	2	8	10.8	18	20	61.5	91.2
10	3.15	12.6	13	20	29	80	122
13	5.3	21.2	16.5	26	42.8	99.7	158
16	8	32	20	30.5	47.7	104	169
20	12.5	50	25	37.5	56	140	219
22	15	60	28	44	68	165	259
26	21.2	84.8	30	44	77	188.8	298
32	31.5	126	38	57	95	228	361

Eye Self Locking Hooks



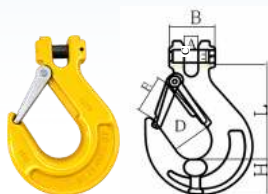
Size [mm]	SWL [Ton]	Breaking Load [Ton]	Φ±1 [mm]	E±2 [mm]	E1±2 [mm]	L1±3 [mm]	L±3 [mm]
7/8	2	8	25	40	35	136	175
10	3.15	12.6	34.5	50	45	168	214
13	5.3	21.2	40	60	52.5	207	268
16	8	32	50	65	63.3	254	332
20	12.5	50	64.5	80	86	274.5	332
22	15	60	70	83	76	319	415
26	21.2	84.8	80	106	96	362	472
32	31.5	126	105	140	133	470	614

Eye Foundry Hook



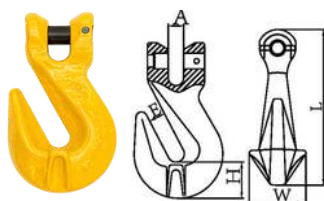
Size [mm]	SWL [Ton]	Breaking Load [Ton]	D [mm]	L [mm]	B [mm]	R [mm]	E [mm]	d [mm]	H [mm]	M [mm]
7/8	2	8	24	158.5	130	120.5	62	12	19	26
10	3.15	12.6	31.5	199	152.5	153.2	73	15	25	31
13	5.3	21.2	44	241.5	186	184	90	19	33	38.5
16	8	32	49	279	218	216	105	22	37	41
20	12.5	50	60	330	252	247	114	26	46	57
22	15	60	127.5	102	45	69	57	40	256	361
26	21.2	84.8	140	126	67.5	77	66	45	283	402

Clevis Sling Hooks With Cast Latches



Size [mm]	SWL [Ton]	Breaking Load [Ton]	A±0.5 [mm]	B±1.5 [mm]	D±1 [mm]	H±1 [mm]	L±2 [mm]	E±2 [mm]
7	2	8	9.5	37	37	32.5	85.5	29
10	3.15	12.6	13	49	46	35	104	39
13	5.3	21.2	16.5	56.5	56	42.5	128	47
16	8	32	21.5	70.5	60	54	150	55
20	12.5	50	24	77	79	58	180	61
22	15	60	27	91	101	62	213	72
26	21.2	84.8	30	117	115	75	250	85

Clevis Grab Hooks



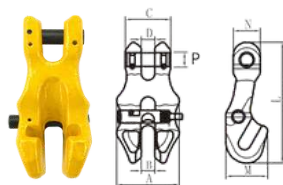
Size [mm]	SWL [Ton]	Breaking Load [mm]	E±1 [mm]	A±0.5 [mm]	H±1 [mm]	W±1 [mm]	L±2 [mm]
7	2	8	11	9.5	18.5	33.5	89
10	3.15	12.6	13	12.5	29	46	126
13	5.3	21.2	16.5	15	42.5	57.5	163.5
16	8	32	19	18.5	45.5	74	183.5
20	12.5	50	24	23	56	74	219
22	15	60	27	27	68.5	90	254
26	21.2	84.8	30	30	77	102	309
32	31.5	126	124	35	88	140	317

Clevis Self Locking Hooks



Size [mm]	SWL [Ton]	Breaking Load [Ton]	A±1 [mm]	B±1 [mm]	E± [mm]	E1±2 [mm]	L1±3 [mm]	L±3 [mm]
7	2	8	9.5	38.5	40	35.8	119.3	161.8
10	3.15	12.6	12.5	46	50	45	142	195
13	5.3	21.2	15	59	60	52.5	179	249
16	8	32	18.5	77	65	63.3	224.8	310
20	12.5	50	25	77	80	86	238.3	335
22	15	60	25	97.5	83	76	277	392
26	21.2	84.8	30	118	106	96	321	450
32	32.5	126	35	150	140	135	416	589.6

Clevis Shortening Clutch



Size [mm]	SWL [ton]	Breaking Load [Ton]	A±0.5 [mm]	B±0.5 [mm]	C±0.5 [mm]	D±0.5 [mm]	M±0.3 [mm]	N±0.5 [mm]	P±0.1 [mm]	L±1 [mm]
8	2	8	50	9.5	33	9.5	33	23	9.2	92
10	3.15	12.6	60	12.5	43	12.5	40	26	13.3	115
13	5.3	21.2	79	15	55	12	54	34	163	149
16	8	32	98	19	70	19	18.5	19.7	184	187



MATERIAL SLINGS

Duplex Flat Webbing Slings

Manufactured to: EN 1492-1 and SANS 94-1.

Capacity Range: Up to 25 ton WLL available

Safety Factor: 7:1

Material: High-strength polyester with low stretch

Temperature Range: -40°C to +100°C

Eye Protection: 50% reinforced eyes with high-visibility, anti-abrasion webbing

Identification: Safe Working Load indicated on each sling

Traceability: Tuff-tag label included



Capacity	Colour	WORKING LOAD LIMIT FOR 1 LIFTING SLING					WORKING LOAD LIMIT FOR 2 LIFTING SLINGS			
		Straight	Choked	0°-7°	7°-45°	45°-60°	7°-45°	7°-45°	45°-60°	45°-60°
Factor		1.0	0.8	2.0	1.4	1.0	1.4	1.12	1.0	0.8
1 Ton	Purple	1	0.8	2	1.4	1	1.4	1.12	1	0.8
2 Ton	Green	2	1.6	4	2.8	2	2.8	2.24	2	1.6
3 Ton	Yellow	3	2.4	6	4.2	3	4.2	3.36	3	2.4
4 Ton	Grey	4	3.2	8	5.6	4	5.6	4.48	4	3.2
5 Ton	Red	5	4	10	7	5	7	5.6	5	4
6 Ton	Brown	6	4.8	12	8.4	6	8.4	6.72	6	4.8
8 Ton	Blue	8	6.4	16	11.2	8	11.2	8.96	8	6.4
10 Ton	Orange	10	8	20	14	10	14	11.2	10	8
15 Ton	Orange	15	12	30	21	15	21	16.8	15	12
20 Ton	Orange	20	16	40	28	20	28	22.4	20	16

Endless Round Slings

Manufactured to: EN 1492-2 and SANS 94-2 standards

Capacity Range: Up to 900 ton WLL

Safety Factor: 7:1

Material: High-strength, low-stretch polyester

Surface Protection: Suitable for delicate loads

Identification: Safe Working Load indicated on each sling

Traceability: Tuff-tag label included



Capacity	Colour	WORKING LOAD LIMIT FOR 1 LIFTING SLING					WORKING LOAD LIMIT FOR 2 LIFTING SLINGS			
		Straight	Choked	0°-7°	7°-45°	45°-60°	7°-45°	7°-45°	45°-60°	45°-60°
Factor		1.0	0.8	2.0	1.4	1.0	1.4	1.12	1	0.8
1 Ton	Purple	1	0.8	2	1.4	1	1.4	1.12	1	0.8
2 Ton	Green	2	1.6	4	2.8	2	2.8	2.24	2	1.6
3 Ton	Yellow	3	2.4	6	4.2	3	4.2	3.36	3	2.4
4 Ton	Grey	4	3.2	8	5.6	4	5.6	4.48	4	3.2
5 Ton	Red	5	4	10	7	5	7	5.6	5	4
6 Ton	Brown	6	4.8	12	8.4	6	8.4	6.72	6	4.8
8 Ton	Blue	8	6.4	16	11.2	8	11.2	8.96	8	6.4
10 Ton	Orange	10	8	20	14	10	14	11.2	10	8
15 Ton	Orange	15	12	30	21	15	21	16.8	15	12
20 Ton	Orange	20	16	40	28	20	28	22.4	20	16
25 Ton	Orange	25	20	50	35	25	35	28	25	20
30 Ton	Orange	30	24	60	42	30	42	33.6	30	24
40 Ton	Orange	40	32	80	56	40	56	44.8	40	32
50 Ton	Orange	50	40	100	70	50	70	56	50	40
60 Ton	Orange	60	48	120	84	60	84	67.2	60	48
80 Ton	Orange	80	64	160	112	80	112	89.6	80	64
100 Ton	Orange	100	80	200	140	100	140	112	100	80



DONSA Wire Rope Round Sling

Capacity Range: Made to order

Key Features:

- **Wire Rope:** Manufactured using 2mm wire rope.
- **Outer Cover:** Double-layer textile outer cover for protection.
- **Elongation:** Low elongation under load.
- **Safety Factor:** 6:1
- **Manufactured to:** EN 13414-3:2008
- **Heat Resistance:** Resistant up to 100°C



DONSA Beam Clamp

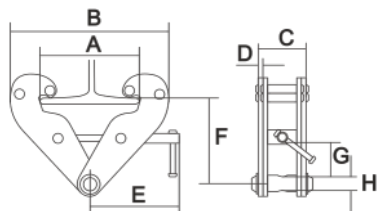
Capacity Range: 1– 10 Ton

Finish: Galvanised

Factor of safety: 5:1

Key Features

- **Adjustable Jaw:** Fits a wide range of I-beam flange widths.
- **Heavy-Duty Steel Construction:** Built for strength and durability.
- **Locking Spindle:** Helps maintain a secure fit during operation.
- **Compact Design:** Suitable for confined spaces and overhead installations.
- **Corrosion Resistant Finish:** Durable painted finish for extended service life.



Capacity (Ton)	I-Beam Width Range (mm)	A max (mm)	B min (mm)	B max (mm)	C (mm)	E (mm)	F min (mm)	F max (mm)	G (mm)	Net Weight (kg)
1	75–230	260	160	360	72	215	102	155	25	3.8
2	75–230	260	160	360	76	215	102	155	25	4.6
3	80–320	354	235	490	108	269	140	225	45	9
5	80–320	354	235	490	110	269	140	225	45	11
10	90–320	345	320	505	120	289	170	235	50	16



DONSA Combination Trolley

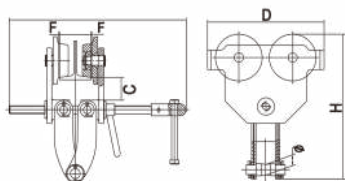
Designed for entertainment rigging applications, the DONSA Combination Trolley enables the safe lifting and controlled horizontal travel of suspended loads on I-beam installations.

Capacity Range: 1 – 5 Ton

Beam Width Range: 64 – 305 mm (model dependent)

Operation: Manual Chain Hoist & Adjustable Beam Trolley

Installation: Suitable for I-Beam installation



Capacity (Ton)	1	2	3	5
I-Beam Width Range (mm)	64–203	76–203	76–203	100–305
C (mm)	46	55	62	71
D (mm)	242	281	328	377
H (mm)	297	318	351	455
Ø (mm)	22	22	24	28
F (mm)	≈3	≈3	≈3	≈4.5
Net Weight (kg)	11.5	16.5	26	46.3



FALL PROTECTION

Harnesses



Alpha Series

Premium full body safety harness which come with the highest feature of Ergonomics, Comfort, Safety and Quick Connect Buckles for easy adjustments:

- Full Body Harness with 3 Point Attachment
- Full Body Harness with 4 point attachment & Waist belt
- Full Body Harness with 4 point attachment, 3 point adjustment & Waist Wbelt



Beta Series

Full Body Safety Harnesses equipped with enhanced features that provide full comfort and ergonomics to the user at all times:

- Full Body Harness with 2 point attachment
- Full Body Harness with 2 point attachment and waist belt
- Full Body Harness with 3 point attachment and waist belt
- Tower Full Body Safety Harness



Gamma Series

Designed to combat the dangers of fall from height:

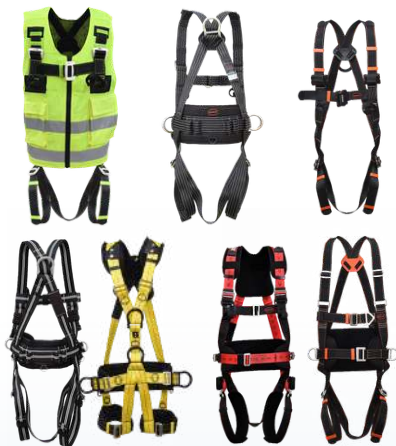
- Full Body Safety Harness with Snap Hook
- Full Body Safety Harness with Scaffold hooks
- Full Body Harness with Waist Belt
- Full Body Safety Harness with Waist Belt and Snap Hook
- Full Body Safety Harness with Waist Belt and Scaffold Hooks



Ladies Range

Designed specifically for women working at heights:

- *Female Premium Full Body Safety Harness with 3 point attachment*
- *Female Full Body Safety Harness with 3 point attachment*



Specialised Range

Designed specifically for women working at heights:

- *Vest Safety Harness - Reflective Green*
- *Antistatic Atex Certified Full Body Safety Harness with Waist Belt*
- *Non-Conductive Full Body Safety Harness*
- *Flame Resistant Full Body Safety Harness with waist belt*
- *Oil Repellent All Purpose Full Body Safety Harness*
- *Mining Full Body Safety Harness [available male & female]*
- *Elastic Webbing Full Body Safety Harness with Work Positioning Belt*

Fall Arrest Blocks

Fall Arrest Block

Lightweight, compact, and robust heavy-duty retractable fall arrester engineered for horizontal and sharp-edge applications where overhead anchorage is unavailable. Available in galvanised steel and stainless steel options to suit a wide range of applications and environments.

Key features:

- Available in various lifts
- Maximum weight: 140 kg
- Designed for horizontal and sharp-edge applications
- Suitable for demanding industrial environments
- Robust high-impact polymer casing
- Integrated energy absorber with protective cover
- Provides reliable fall protection in harsh working conditions

Cable Specification:

Feature	Specification
Rope Type	Galvanized Steel Wire Rope
Diameter	Ø4.8 mm
Minimum Breaking Strength	15 kN
Attached Hook	Steel Swivel Snap Hook



Micron Block

Compact retractable fall arrester designed for low-clearance and overhead applications where lightweight mobility and continuous fall protection are essential.

Key Features:

- Webbing length: 2m
- Maximum weight: 140 kg
- Ideal for low-clearance applications
- Suitable for horizontal and sharp edge use
- High-strength polymer casing for maximum durability
- Reduces snagging, dragging and trip hazards
- Automatic quick fall arrester limits arrest force to less than 4 kN
- Fall arrest distance less than 600 mm
- Integrated textile energy absorber with protective cover
- Can be used in single or twin-leg configuration

Feature	Specification
Webbing Length	2 m Retractable Webbing
Casing Material	High Strength Polymer
Anchorage Type	Swivel Anchorage Eye
Energy Absorber	Integrated Textile Energy Absorber
Configuration	Single or Twin-Leg Use



Retrieval Retractable Block

Heavy-duty retrieval retractable block designed for confined space entry, rescue and retrieval applications where controlled lifting and fall protection are required simultaneously.

- Integrated retrieval and rescue mechanism
- Suitable for confined space entry applications
- Durable high-impact casing for demanding industrial environments
- Galvanized steel wire rope for enhanced durability
- Built-in retrieval winch for controlled lifting and lowering
- Swivel anchorage eye for improved mobility
- High-strength steel snap hook for secure attachment
- Smooth retractable operation reduces slack during movement
- Engineered for rescue, evacuation and retrieval operations

Feature	Specification
Application	Fall Arrest & Retrieval
Rope Type	Galvanized Steel Wire Rope
Retrieval System	Integrated Manual Retrieval Winch
Anchorage	Swivel Anchorage Eye
Hook Type	Steel Snap Hook
Operation	Retractable with Rescue Retrieval Function





**MILD
STEEL**

Short, Long & Extra Long Link Chain



Short Link Chain Galvanised / Ungalvanised

Manufactured to: SANS 189

Material: Grade 3 Carbon Steel

Factor of Safety: 5:1

Chain Dia. [mm]	SWL [Ton]	Link Dimensions [mm]			Links Per Meter	Weight [kg/m]
		DN-Nom	P-Nom	W2-Max		
4	0.2	4	12	14.6	73	0.36
5.6	0.4	5.6	16.8	20.4	55.2	0.7
6.3	0.51	6.3	18.9	23	52.9	0.88
7	0.63	7	21	25.6	47.6	1.09
8	0.82	8	24	29.2	41.7	1.42
9	1.04	9	27	32.9	37	1.8
10	1.28	10	30	36.5	33.36	2.23
11.2	1.61	11.2	33.6	40.9	29.67	2.79
13	2.16	13	39	47.5	25.46	3.77
14	2.51	14	42	49	23.57	4.36
16	3.28	16	48	58.4	20.46	5.71
20	5.12	20	60	73	16.18	8.92
22	6.20	22	66	80.3	14.63	10.8
26	8.70	26	78	94.9	12.21	13.23



Long Link Chain Galvanised / Ungalvanised

Material: Grade 3 Carbon Steel

Factor of Safety: 5:1

Chain Size [mm]	SWL [Ton]	Link dimensions [mm]			Links Per Meter	Weight [kg/m]
		DN-Nom	P-Nom	W2-Max		
5,6	0,30	5,6	22,4	19,6	44,6	0,62
6,3	0,38	6,3	25,2	22,1	39,7	0,78
7,1	0,48	7,1	28,4	24,9	35,2	0,99
9	0,78	9,0	36,0	31,5	27,8	1,6
10	1,00	10,0	40,0	35,0	25,0	1,96
11,2	1,20	11,2	44,8	39,2	22,3	2,46
13	1,60	13,0	52,0	45,5	19,2	3,3
14	1,90	14,0	56,0	49,0	17,9	3,84
16	2,50	16,0	64,0	56,0	15,6	5,01
20	3,80	20,0	80,0	70,0	12,5	7,83
26	6,50	26,0	104,0	91,0	9,6	13,25



Extra Long Link Chain Galvanised / Ungalvanised

Material: Grade 3 Carbon Steel

Factor of Safety: 5:1

Chain Size [mm]	SWL [Ton]	Link dimensions [mm]			Links per Meter	Weight [kg/m]
		DN-Nom	P-Nom	W2-Max		
7.1	0.48	7.1	42.6	28.4	23.5	0.89
10	1	10	60	42	16.7	1.77
14	1.9	14	84	56	12	3.47
16	2.50	16	96	64	10.4	4.53

A close-up photograph of industrial lashing hardware. Several bright red metal components, including shackles and turnbuckles, are connected by heavy-duty yellow chains. The hardware is set against a dark, textured background, possibly a metal surface. The lighting highlights the metallic sheen of the chains and the vibrant red of the hardware.

LASHING HARDWARE

Lashing Hardware

Lashing Chain

Only short link chain is recommended for load binding



Size [mm]	Quality Grade	Min Breaking Strength [kg]	Weight per meter [kg]
10	CLC	5 000	1.975
13	CLC	8 000	3.526

Ratchet Binders

Continuous take-up feature with infinite adjustment

One-piece assembly with no nuts or bolts to loosen

Ratchet spring is rust-proofed

All load-bearing components are forged

Easy to operate with a positive ratchet mechanism



Chain Size [mm]	Handle Length [mm]	Barrel Length [mm]	Take-Up [mm]	Min. Breaking Strength [kg]	Weight [kg]
10 / 13	356	254	200	15000	5.6

Load Binders

Drop forged and heat treated

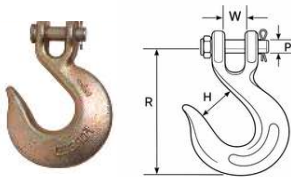
Each Binder is proof tested



Chain Size [mm]	Handle Length [mm]	Take-Up [mm]	Min. Breaking Strength [kg]	Weight [kg]
10	406	102	8620	3.55
13	470	115	12700	5.1

Clevis Slip Hooks

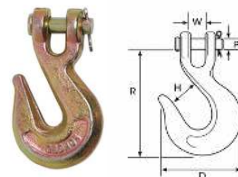
Material: Grade 70 Alloy



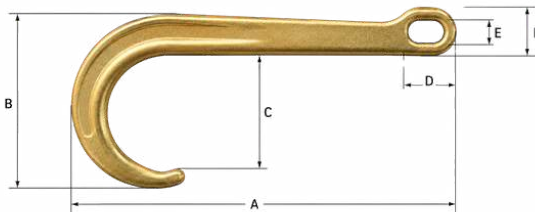
Chain Size [mm]	W [mm]	H [mm]	P [mm]	R [mm]
10	15	33.2	11.9	82.5
13	19	42.9	16	101.5

Clevis Grab Hooks

Material: Grade 70 Alloy



Chain Size [mm]	W [mm]	H [mm]	D [mm]	P [mm]	R [mm]
10	12	12.7	68	11	68
13	19	16.7	84	14	85



Towing Hooks

Material: Grade 70 Alloy

Finish: Gold passivated finish for improved corrosion resistance

Suitable for: towing, recovery and tie-down applications

WLL [kg]	Breaking Strength [kg]	A Overall Length [mm]	B Hook Height [mm]	C Throat Opening [mm]	D Eye Width [mm]	E Eye Inside Height [mm]	F Eye Outside Height [mm]
2.449	9.798	369.20	160.35	108.80	32.90	19.90	42.70

Lashing Ratchet



Min. Breaking Load [Ton]	Tail Length [M]	Tail Width [mm]	Weight [kg]
1	0.4	25	0.29
4	0.4	50	1.3
9	0.5	75	2

Lashing Strap with J-hook

Min. Breaking Load [Ton]	Strap length [M]	Strap Width [mm]	Weight [kg]
1	1	25	0.09
1	2	25	0.11
1	3	25	0.13
4	9	50	1.08
4	12	50	1.39
4	16	50	1.85
4	18	50	1.91
9	12	75	2

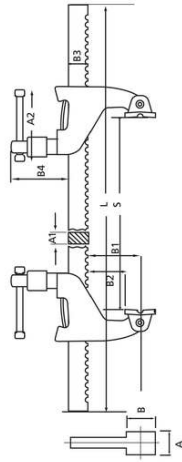
The image shows several orange-colored C-clamps, known as Carver Clamps, scattered on a dark, textured wooden surface. The clamps are made of a heavy-duty material, likely cast iron or steel, and feature a serrated edge on the long arm. Each clamp has a black adjustment screw with a T-handle. The brand name "CARVER CLAMP" is embossed on the side of each clamp. A semi-transparent blue banner with the text "CARVER CLAMPS" in white, bold, sans-serif font is centered over the image.

CARVER CLAMPS



FOR TOUGH JOBS IN
ENGINEERING INCLUDING:

- ◆ Fabrication
- ◆ Welding
- ◆ Machining
- ◆ Maintenance
- ◆ Toolroom



1 daN=1kgf / 1 daN=2.2lbf / 1 daN=10 N

Model No.	A mm	A1 mm	A2 mm	B mm	B2 mm	B3 mm	B4 mm	L mm
T186-24	25	12	76	32	44	30	76	710
T186-36	25	12	76	32	44	30	76	1020
T186-60	25	12	76	32	44	30	76	1625
T186-84	25	12	76	32	44	30	76	2235
T186-96	25	12	76	32	44	30	76	2540
T321-24	25	12	76	32	104	30	76	710
T321-36	25	12	76	32	104	30	76	1020
T321-60	25	12	76	32	104	30	76	1625
T321-84	25	12	76	32	104	30	76	2235
T321-96	25	12	76	32	104	30	76	2540
T290-36	38	20	140	51	65	40	105	1070
T290-48	38	20	140	51	65	40	105	1390
T290-60	38	20	140	51	65	40	105	1690
T290-84	38	20	140	51	65	40	105	2290
T285-36	38	20	140	51	180	40	105	1070
T285-48	38	20	140	51	180	40	105	1390
T285-60	38	20	140	51	180	40	105	1690
T285-84	38	20	140	51	180	40	105	2290
T257-84	51	22	187	63.5	83	52	127	2335
T257-108	51	22	187	63.5	83	52	127	2945



BAR CLAMPS

Part No.	Model No.	Alternative Model No.	Capacity (S) mm (inch)	Reach (B1) mm (inch)	Weight kg
C301179	T186-24	T186-600	600 (24)	60 (2.3/8)	3.4
C301180	T186-36	T186-900	900 (36)	60 (2.3/8)	4.4
C301182	T186-60	T186-1500	1500 (60)	60 (2.3/8)	5.8
C301184	T186-84	T186-2100	2100 (84)	60 (2.3/8)	7.6
C301185	T186-96	T186-2400	2400 (96)	60 (2.3/8)	8.8
C301187	T321-24	T321-600	600 (24)	120 (4.3/4)	3.5
C301188	T321-36	T321-900	900 (36)	120 (4.3/4)	4.5
C301190	T321-60	T321-1500	1500 (60)	120 (4.3/4)	5.9
C301192	T321-84	T321-2100	2100 (84)	120 (4.3/4)	7.7
C301193	T321-96	T321-2400	2400 (96)	120 (4.3/4)	8.9
C301195	T290-36	T290-900	900 (36)	90 (3.1/2)	10.5
C301196	T290-48	T290-1200	1200 (48)	90 (3.1/2)	12.1
C301197	T290-60	T290-1500	1500 (60)	90 (3.1/2)	14.0
C301199	T290-84	T290-2100	2100 (84)	90 (3.1/2)	18.0
C301203	T285-36	T285-900	900 (36)	200 (8)	11.5
C301204	T285-48	T285-1200	1200 (48)	200 (8)	13.0
C301205	T285-60	T285-1500	1500 (60)	200 (8)	15.0
C301207	T285-84	T285-2100	2100 (84)	200 (8)	19.0
C301210	T257-84	T257-2100	2100 (84)	115 (4.1/2)	27.2
C301212	T257-108	T257-2700	2700 (108)	115 (4.1/2)	32.0

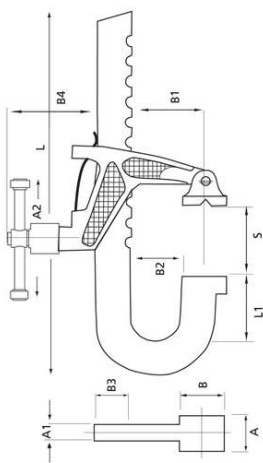
Rack Clamps

CARVER CLAMPS



FOR TOUGH JOBS IN
ENGINEERING INCLUDING:

- ◆ Fabrication
- ◆ Welding
- ◆ Machining
- ◆ Maintenance
- ◆ Toolroom



1 daN=1kgf / 1 daN=2.2lbf / 1 daN=10 N

Model No.	A mm	A1 mm	A2 mm	B mm	B2 mm	B3 mm	B4 mm	L mm	L1 mm
T186-6	25	13	76	32	43	33	76	245	20
T186-12	25	13	76	32	43	33	76	395	20
T186-20	25	13	76	32	43	30	76	680	80
T186-30	25	13	76	32	43	30	76	930	80
T321-10	25	13	76	35	102	33.5	76	360	25
T321-24	25	13	76	32	98	30	76	715	8
T290-9	40	20	140	60	65	40	105	420	75
T290-18	40	20	140	60	65	40	105	640	75
T290-30	40	20	140	60	65	40	105	930	75
T290-40	40	20	140	60	65	40	105	1200	75
T285-9	40	20	140	60	180	40	105	430	75
T285-18	40	20	140	60	180	40	105	655	75
T285-30	40	20	140	60	180	40	105	955	75
T285-40	40	20	140	60	180	40	105	1205	75
T257-6	51	22	187	60	85	51	127	403	100
T257-12	51	22	187	60	85	51	127	555	100
T257-18	51	22	187	60	85	51	127	710	100
T257-24	51	22	187	60	85	51	127	850	100
T257-36	51	22	187	60	85	51	127	1165	100
T257-54	51	22	187	60	85	51	127	1635	100



RACK CLAMPS

Part No.	Model No.	Alternative Model No.	Capacity (S) mm (inch)	Reach (B1) mm (inch)	Overall Length mm (inch)	Weight kg
C301003	T186-6	T186-150	150 (6)	60 (2.3/8)	245 (9.5/8)	1.4
C301005	T186-12	T186-300	300 (12)	60 (2.3/8)	395 (15.1/2)	1.8
C301009	T186-20	T186-500	500 (20)	60 (2.3/8)	640 (25.1/8)	2.5
C301012	T186-30	T186-750	750 (30)	60 (2.3/8)	890 (35.1/8)	3.2
C301011	T321-10	T321-250	250 (10)	120 (4.3/4)	360 (14.1/8)	2.0
C301013	T321-24	T321-600	600 (24)	120 (4.3/4)	715 (28.1/8)	3.5
C301046	T290-9	T290-225	225 (9)	90 (3.1/2)	420 (16.1/2)	5.5
C301049	T290-18	T290-450	450 (18)	90 (3.1/2)	655 (25.3/4)	7.0
C301052	T290-30	T290-750	750 (30)	90 (3.1/2)	959 (37.3/4)	8.5
C301055	T290-40	T290-1000	1000 (40)	90 (3.1/2)	1216 (47.7/8)	10.5
C301035	T285-9	T285-225	225 (9)	200 (8)	420 (16.1/2)	7.1
C301037	T285-18	T285-450	450 (18)	200 (8)	655 (25.3/4)	8.5
C301039	T285-30	T285-750	750 (30)	200 (8)	959 (37.3/4)	10.0
C301041	T285-40	T285-1000	1000 (40)	200 (8)	1216 (47.7/8)	11.5
C301172	T257-6	T257-150	150 (6)	115 (4.1/2)	403 (15.7/8)	9.8
C301173	T257-12	T257-300	300 (12)	115 (4.1/2)	555 (21.7/8)	10.9
C301174	T257-18	T257-450	450 (18)	115 (4.1/2)	710 (27.3/4)	12.2
C301175	T257-24	T257-600	600 (24)	115 (4.1/2)	850 (33.1/2)	13.1
C301176	T257-36	T257-900	900 (36)	115 (4.1/2)	1165 (45.3/4)	15.8
C301177	T257-54	T257-1350	1350 (54)	115 (4.1/2)	1615 (63.1/2)	19.1

A close-up photograph showing a hand holding a white tube of Loctite 401 Instant Adhesive. The tube has a blue label with the brand name 'LOCTITE' and the product number '401' in white, and a red band with the words 'INSTANT ADHESIVE' in white. The tube is tilted, and a small, clear bead of adhesive is being dispensed onto a silver-colored screw head. The screw is part of a larger grey plastic component. Another hand is visible at the bottom left, holding the component steady. The background is a plain, light-colored surface.

LOCTITE

Thread Lockers: Lock threaded assemblies while protecting against vibration, corrosion and galling			
Item	Application	Pack Size	Units Per Box
222	Low-strength threadlocking for small screws and fasteners. Suitable for soft metals (e.g. aluminium, brass)	50 ml	12
243	Medium-strength threadlocking for general metal fasteners. Prevents vibration loosening. Removable with hand tools. Oil tolerant	0.5 ml; 50 ml	10; 12
2701	High-strength threadlocking for permanent locking of metal fasteners and studs. Not intended for regular removal	50 ml	12
277	High-strength, high-viscosity threadlocking for large threads (M25+). Prevents migration. Oil tolerant	50 ml	10
290	Wicking-grade threadlocker for pre-assembled fasteners. Penetrates via capillary action	50 ml	12
272	High-strength threadlocking with high temperature resistance (up to 200°C). Prevents migration. Suitable for oil-contaminated parts	50 ml	10
Thread Sealants Get rid of pastes, tapes and joint compounds			
55	General-purpose thread sealing cord for metal and plastic fittings	50 m; 160 m	12
542	Fine thread sealing for hydraulic and pneumatic systems	10 ml; 50 ml; 250 ml	12; 10; 10
577	General-purpose sealing for large diameter threads	10 ml; 50 ml; 250 ml	12; 10; 10
572	Medium strength sealing for coarse threads and fittings	10 ml; 50 ml; 250 ml	12; 10; 10
Metal Filled Compounds Repair or rebuild damaged metal parts			
EA 3463	Fast-setting repair stick for sealing leaks and repairing small cracks. Can be drilled, filled, and painted	114 g	24
EA 3478	Steel-filled epoxy for rebuilding worn parts and surfaces under load, impact, and harsh conditions	453 g Kit	6
Instant Bonding Thermoplastic adhesives known for a fast, reliable bond			
401	General-purpose adhesive for metals, plastics, and porous materials (wood, paper, leather, fabric)	20 g	12
406	Fast bonding of rubber, plastics, and elastomers. Suitable for difficult-to-bond materials with primer	20 g	12
435	Toughened adhesive for plastics, rubber, and metals. High impact and shock resistance	20 g	12
480	Rubber-toughened adhesive for metal-to-metal and rubber bonding. High peel and shock resistance	20 g	12
454	Non-drip gel adhesive for vertical or overhead applications. Suitable for metals, plastics, and porous materials	20 g	12
496	Low-viscosity, general-purpose adhesive for metals, plastics, and rubber. Fast fixture time	20 g; 100 g	12; 12
Hybrids Almost nothing they can't do			
HY 4090 CR	Fast-curing, high strength bonding for metals, plastics and rubber; impact and vibration resistant	50 g	10
HY 4060 GY	Hybrid instant adhesive for structural bonding of plastics, metals and rubber with fast curing and high strength	25 g	10
HY 4070 CR	Ultra-fast curing adhesive for rapid repairs; high strength across plastics, metals and rubber	11 g	10
HY 4080 GY	Structural flexible bonding; high peel and impact resistance for demanding applications	50 g	10
HY 4090 GY	Fast-curing, flexible bonding for metals, plastics and rubber with vibration resistance	50 g	10
Retaining Deliver high-strength, reliable bonding for cylindrical assemblies			
603	General-purpose retaining of close fitting cylindrical parts and bearings	50 ml	12
638	High strength retaining for shafts, gears and pulleys; excellent load resistance	50 ml	12
641	Medium strength retaining for parts requiring disassembly, such as bearings	50 ml	12
648	High temperature retaining for clearance or interference fit components	50 ml	12
660	Repair of worn shafts, keyways and cylindrical parts; high gap filling	50 ml	12

Protective Coatings That will allow you to main and protect your equipment			
Item	Application	Pack Size	Units Per Box
PC 7221	Chemical-resistant coating for protecting equipment from corrosion and chemical attack	5 kg	1
PC 7226	Abrasion-resistant coating for protecting equipment from fine particle wear	1 kg	6
PC 7227	Brushable ceramic coating for abrasion and corrosion protection	1 kg	6
PC 7350	Protective coating aerosol for corrosion resistance and surface protection of metal components	400 ml	6
PC 9416	Epoxy floor repair compound for cracks, holes and grouting applications	5 kg	1
PC 9020	Backing compound for supporting and reinforcing equipment components	10 kg	1
Lubricants and Greases Reduce friction and wear while protecting equipment against corrosion to ensure reliable performance in demanding environments.			
LB 767	Anti-seize lubricant for high temperature applications; prevents galling and corrosion	450 g	12
LB 8005	Belt dressing to improve grip and prevent slippage on belts	400 ml	12
LB 8011	Oil and chain lubricant for conveyors and chains at elevated temperatures	400 ml	12
LB 8101	Chain lubricant with anti-fling properties and high wear resistance	400 ml	12
LB 8209	High performance anti-seize for extreme temperature and heavy-duty applications	50 g	10
LB 8201	Multi-purpose spray for lubrication, cleaning, moisture displacement and corrosion protection	400 ml	24
Surface Treatment Rust protection, priming and much more			
SF 7039	Contact cleaner for electrical components and sensitive surfaces	400 ml	12
SF 7063	General-purpose cleaner for removing oils, grease and contaminants before bonding	400 ml	12
SF 7200	Gasket remover for dissolving cured sealants and traditional gaskets	400 ml	6
SF 7240	Activator for anaerobic products on passive surfaces and large gaps	90 ml	12
SF 7387	Activator for instant adhesive curing	6 oz	10
SF 736	Primer to accelerate curing of anaerobic adhesives on passive surfaces	6 oz	10
SF 7500	Rust treatment converting corrosion into a protective coating	1 L	6
SF 770	Primer for bonding difficult plastics with instant adhesives	10 g	10
SF 7800	Zinc spray for corrosion protection of metal surfaces	400 ml	12
SF 7900	Ceramic coating for protecting welding equipment and surfaces	400 ml	12
Gasketting An alternative to conventional compression gaskets to prevent leakage between flange surfaces			
510	Rigid flange sealing with high temperature and chemical resistance	50 ml	12
518	Rigid flange sealing for iron, steel and aluminium flange sealing; semi-flexible	50 ml	10
574	Sealing of rigid metal parts including cast iron and pump housings	250 ml	10
518 PEN	Rigid flange sealing in pen format for easy application	25 ml	12
SI 5699	Flexible flange sealing; suitable for stamped metal and glycol resistance	70 ml; 300 ml	12; 10
SI 594 WH	White RTV silicone; general-purpose sealing and adhesive applications	300 ml	10
SI 595 CLEAR	Clear RTV silicone; bonding and sealing for glass, plastics and composites	100 ml; 310 ml	12
SI 596 RED	High temperature RTV silicone for extreme heat applications	80 ml	12
SI 593 BK	General-purpose black RTV silicone; bonding and sealing with environmental resistance	300 ml	10

The image is a close-up, macro shot of several thick, brown fibre ropes. The ropes are twisted and braided, showing a complex texture of individual fibres. They are piled together, with some ropes in sharp focus in the foreground and others blurred in the background, creating a sense of depth. The lighting is warm, highlighting the natural color and texture of the fibres.

FIBRE ROPES

Fibre Rope & Fibre Rope Blocks



3 Strand Manila Rope
6 - 48mm



3 Strand Nylon Rope
6 - 46mm



Yatch Polyester Rope
6 - 18mm



Tiger Polysteel Rope
8 - 24mm

6 Strand Nylon Rope
12 - 120mm



3 Strand Polysteel
6 - 46 mm

4 Strand Polysteel
8 - 26 mm

8 Strand Polysteel
32 - 100 mm

12 Strand Polysteel
18 - 60 mm



3 Strand Polyester Rope
6 - 46mm

8 Strand Polyester Rope
6 - 46mm



Ski Polyethylene Rope
5 - 16mm



Polypropylene
6 - 24mm



Fibre Rope Blocks Compatible Rope Types:

- Manila Rope
- Polypropylene Rope
- Polyester Rope
- Sisal Rope

Available Attachment Options:

- **Forged Steel Hook:** ideal for standard lifting and quick attachment
- **Swivel Oval Eye:** ideal for fixed or permanent installations
- **Swivel Safety Shackle:** ideal for heavy-duty applications with locking pin security
- **Link & Shackle:** ideal for custom rigging arrangements

Rope dia. [mm]	Sheave dia. [mm]	SWL 1 sheave [kg]	SWL 2 sheaves [kg]	SWL 3 sheaves [kg]
10	65	65	300	350
13	90	120	350	400
16	100	200	600	700
20	120	300	850	1000
22	125	400	1200	1300
24	150	550	1500	2000

A large offshore oil rig, the Songa Offshore, is shown in the middle of the ocean. The rig has a red hull and a white upper section. It features a tall derrick and several cranes. The sky is blue with scattered white clouds. The text "MARINE EQUIPMENT" is overlaid in large blue letters.

MARINE EQUIPMENT

Floats, Buoys & Fenders



A series

Model	Gross Buoyancy [kg]	Recomm. Max Load [kg]	Height [mm]	Dia. [mm]	Eye [mm]	Mass [kg]
A1	13	7.8	380	395	22	1.15
A2	32.2	19.2	500	390	25	2.1
A3	52	31.2	575	460	28	3.1
A4	90	54	710	550	28	4.1
A5	215	129	940	710	28	8.3
A6	405	243	1120	850	35	11.3
A7	670	402	1420	1100	60	23



F series

Model	Volume [L]	Length [mm]	Dia. [mm]	Eye [mm]	Mass [kg]
F01	5.3	560	130	18	0.75
F1	8	610	150	22	1
F02	15	660	200	25	1.65
F2	16	610	220	28	1.75
F3	22	745	220	28	2.1
F4	35	1040	220	28	2.9
F5	35	775	290	28	3
F6	60	1090	290	28	4.2
F7	85	1020	375	28	5.3
F8	135	1440	375	28	7.6
F11	275	1455	590	28	10.6
F13	350	1800	750	40	23



CC Series – “Polyform”

Model	Gross Buoyancy [kg]	Recomm. Max Load [kg]	Height [mm]	Dia. [mm]	Hose [mm]	Mass [kg]
CC 2	29.0	17.5	430	385	48	2.6
CC 3	55	33	500	450	48	3.9
CC 4	100	60	590	540	48	5.3

Foam Fenders



Diameter [M]	Length [M]
0.4	1
0.6	1.2
0.9	1.5
1	2
1.2	2.5
1.5	3
2.4	3.5

Life Jackets & Life Rings



100N Life Jacket (General Purpose Buoyancy Aid)

Suitable for swimmers and non-swimmers
Designed for **inshore** and **coastal waters** (calm conditions)
Provides moderate buoyancy (100 Newtons)
Offers basic flotation support
Not guaranteed to self-right an unconscious person
Performance may be affected by heavy or waterproof clothing

Common Uses:

- Rivers, dams, lakes
- Nearshore marine use
- General recreational use

Construction:

- Made from lightweight foam
- Flexible and comfortable to wear

150N Lifejacket (Enhanced Buoyancy – Offshore Use)

Suitable for swimmers and non-swimmers
Designed for **inshore**, **offshore**, and **rough conditions**
Provides high buoyancy (150 Newtons)
Helps keep wearer afloat without active assistance
Offers improved self-righting capability
May still be affected by heavy clothing

Common Uses:

- Offshore marine environments
- Commercial and industrial use
- Emergency and safety applications

Construction & Features:

- Made from durable foam
- Front fastening design
- Fitted with whistle for emergency signalling

Important safety note:

These lifejackets are not guaranteed to self-right an unconscious wearer in all conditions, particularly when additional factors (e.g., heavy clothing, tools, or equipment) influence buoyancy and balance



Life Ring Buoy

- Available in 2.5 kg Deck Buoy™ and 4.0 kg Bridge Buoy™ options.
- Manufactured from high-impact linear low-density polyethylene for durability in harsh marine environments.
- High-visibility orange finish.
- Fitted with retro-reflective tape for improved visibility.
- Supplied with replaceable grab lines for easier maintenance.
- Suitable for commercial vessels, offshore installations and larger yachts.
- USCG approved to SOLAS, MED and Canada requirements.
- Compatible with lifebuoy brackets and marine safety stations.

Specification	2.5 kg Deck Buoy™	4.0 kg Bridge Buoy™
Size	30" diameter, 2.5 kg	30" diameter, 4.0 kg
Material	Low-density polyethylene	High-impact linear low-density polyethylene
Colour	Orange	Orange
Dimensions	76.2 × 76.2 × 10.0 cm	76.2 × 76.2 × 10.0 cm
Case Dimensions	78.7 × 78.7 × 33 cm / 31" × 31" × 13"	78.7 × 78.7 × 33 cm / 31" × 31" × 13"
Grab Line Diameter	9.525 mm / 3/8"	9.525 mm / 3/8"
Typical Use	Deck-mounted marine safety buoy	Bridge buoy for quick-release unit

Studlink Chain

Manufactured according to IACS Req. 2014



Dia. [mm]	Weight [kg]	Grade 1 (U1) Ordinary Steel		Grade 2 (U2) Special Steel		Grade 3 (U3) Extra Special Steel	
		Proof Load [kN]	Breaking Load [kN]	Proof Load [kN]	Breaking Load [kN]	Proof Load [kN]	Breaking Load [kN]
12.5	110	46.1	65.7	65.7	92.2	92.2	132
14	130	57.9	82.4	82.4	116	116	165
16	170	75.5	107	107	150	150	216
17.5	180	89.2	127	127	179	179	256
19	220	105	150	150	211	211	301
20.5	260	123	175	175	244	244	349
22	300	140	200	200	280	280	401
24	340	167	237	237	332	332	476
26	405	194	278	278	389	389	556
28	475	225	321	321	449	449	642
30	545	257	368	368	514	514	735
32	615	291	417	417	583	583	833
34	690	328	468	468	655	655	937
36	775	366	523	523	732	732	1050
38	860	406	581	581	812	812	1060
40	950	448	640	640	896	896	1280
42	1040	492	703	703	981	981	1400
44	1130	538	769	769	1080	1080	1540
46	1240	585	837	837	1170	1170	1680
48	1345	635	908	908	1270	1270	1810
50	1455	686	981	981	1370	1370	1960
52	1575	739	1060	1060	1480	1480	2110
54	1690	794	1140	1140	1590	1590	2270
56	1810	851	1220	1220	1710	1710	2430
58	1945	909	1290	1290	1810	1810	2600
60	2075	969	1380	1380	1940	1940	2770
62	2220	1030	1470	1470	2060	2060	2940
64	2370	1100	1560	1560	2190	2190	3130
66	2525	1160	1660	1660	2310	2310	3300
68	2685	1230	1750	1750	2450	2450	3500
70	2850	1290	1840	1840	2580	2580	3690
73	3100	1390	1990	1990	2790	2790	3990
76	3360	1500	2150	2150	3010	3010	4300
78	3535	1580	2260	2260	3160	3160	4500
81	3820	1690	2410	2410	3380	3380	4820
84	4105	1800	2580	2580	3610	3610	5160
87	4405	1920	2750	2750	3850	3850	5500
90	4705	2050	2920	2920	4090	4090	5840
92	4905	2130	3040	3040	4260	4260	6080
95	5210	2260	3230	3230	4510	4510	6440
97	5425	2340	3340	3340	4680	4680	6690
100	5745	2470	3530	3530	4940	4940	7060
102	5970	2560	3660	3660	5120	5120	7320
105	6320	2700	3850	3850	5390	5390	7700
107	6575	2790	3980	3980	5570	5570	7960
111	7080	2970	4250	4250	5940	5940	8480
114	7475	3110	4440	4440	6230	6230	8890
117	7870	3260	4650	4650	6510	6510	9300
120	8270	3400	4850	4850	6810	6810	9720
122	8550	3500	5000	5000	7000	7000	9990
124	8835	3600	5140	5140	7200	7200	10280

Anodes



Zinc Pear
Capacity Range: 3.5KG; 10KG



Zinc Sugarloaf
Capacity Range: 3.5KG



Zinc Bullnose
Capacity Range: 1.5KG; 7KG; 10KG



Zinc Rect Bevel
Capacity Range: 17KG



Zinc Bolt On
Capacity Range: 4KG; 8KG; 10KG



Zinc Plate
Capacity Range: 4KG

Anchors



Stockless Anchor
Capacity Range: 30KG;
40KG; 50KG; 75KG; 100KG;
125KG; 150KG; 200KG; 300KG



Danforth Anchor
Capacity Range: 10KG; 15KG;
20KG; 25KG; 30KG



Flip (Bruce) Anchor
Capacity Range: 2.5KG; 3.5KG;
5KG; 7.5KG; 10KG; 15KG; 20KG;
30KG; 50KG; 75KG



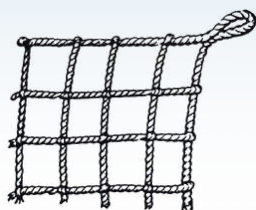
Snad (Delta) Anchor
Capacity Range: 2.5KG; 5KG;
7.5KG; 10KG; 15KG; 22KG; 30KG;
50KG; 75KG



Cast Iron Folding Anchor
Capacity Range: 0.7KG; 1.5KG; 2.5KG;
3.5KG; 4KG; 6KG

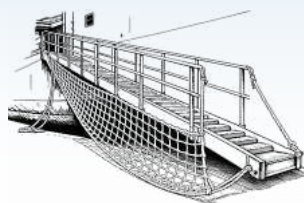


Grapnel Anchor-Rock
Capacity Range: Small;
Medium, Large



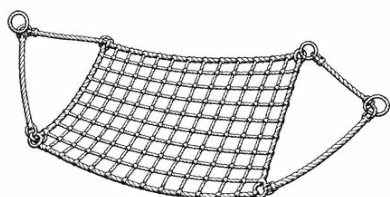
Polypropylene Cargo Net Slings

Net size [M]	Mesh size [mm]	Rim rope size [mm]	Mesh rope size [mm]
2.5 X 2.5 or 3 X 3	200 X 200	24	18



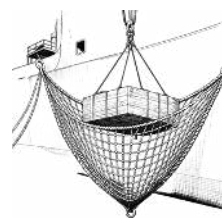
Polypropylene Gangway Safety Nets

Net size [M]	Mesh size [mm]	Rim rope size [mm]	Mesh rope size [mm]
5 X 10 or 4 X 16	150	10	8



Wire Rope Cargo Net Slings

Net size [M]	Mesh size [mm]	Rim rope size [mm]	Mesh rope size [mm]	Wire rope construction
2.5 X 2.5 or 3 X 3	200 X 200	12	9	6 X 24 Galv.



Cargo Safety Nets
Made to order

Ladders



Pilot Ladder
Made to order

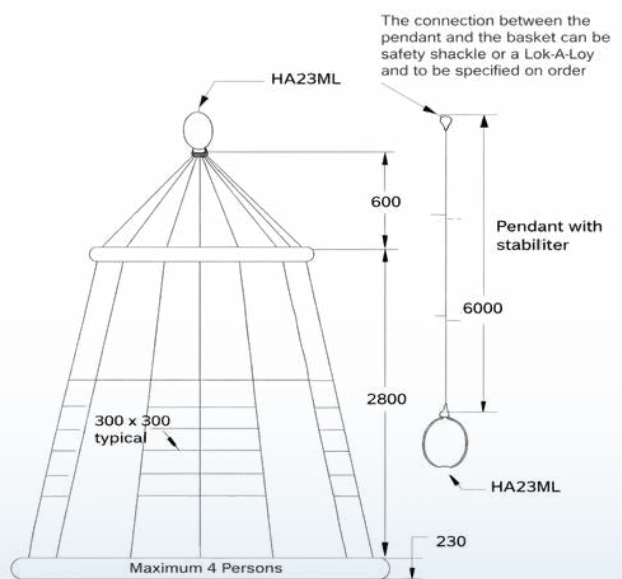


Jacob's Ladder
Made to order



Aluminium Wharf Ladder
Made to order

Personnel Baskets



Anti-Twist Lifting Pendant: Improves basket stability during lifting and transfer operations

Stainless Steel Spreader Ring: Padded for durability and optimal load distribution

UV-Resistant Rope Net: 18 mm synthetic rope net with protective PVC cover for extended service life

Stretcher Compatible: Accommodates a standard rescue stretcher for emergency evacuations

Integral Buoyancy System: Provides 250 kg buoyancy and supports up to four personnel

Stainless Steel Framework: Corrosion-resistant double-ring construction

Modular Design: Individual components can be replaced, reducing maintenance costs

Spare Parts Support: Replacement parts available ex-stock for fast servicing and repairs



CONTACT US

Four Branches. One Standard.

GAUTENG (HEAD OFFICE)

73 Raebor road, Benrose, JHB
(+27) 11 493 4355 · Jhb@coopergroup.co.za

MPUMALANGA

9 Langa Crescent, Corridor Hill, Witbank
(+27) 13 650 1591 · Witbank@coopergroup.co.za

FREE STATE

4A, 15th Street, Voorspoed Oos, Industrial Village, Welkom
(+27) 57 355 4172 · Welkom@coopergroup.co.za

WESTERN CAPE

4 Swift Street, Salt River, CPT
(+27) 21 464 4100 · Infomes@coopergroup.co.za

CRANE SERVICES

(+27) 11 493 4355 · (+27) 71 659 4208 · Cranes@coopergroup.co.za
(+27) 57 355 4172 · (+27) 73 047 2103 · CranesFS@coopergroup.co.za

REPAIRWORX

(+27) 11 493 4355 · info@coopergroup.co.za



www.coopergroup.co.za
www.engineeringsupplies.co.za



SCAN HERE
To Rate our Service

