



PRODUCT CATALOGUE





Established in 1897, **Cooper & Cooper Group** is a level one BBBEE black woman owned enterprise.

We stand proud with more than 125 years of service to a number of industries.

With five divisions spread across South Africa that manufacture, assemble supply and service products in the mining, industrial, construction, marine and original equipment manufacturing (OEM) sectors.

We offer the complete range of Lifting, Rigging, Steel Wire Rope which include highly specialized Ropes and Lashing hardware. In addition, we carry out repairs to Electric and Manual chain and lever hoists as well as inspections and testing of rigging hardware at our Workshop.

We cater for all the major brand names in the local market. We have also enhanced our service to customers by establishing a Crane Division attending to off-site Inspections of overhead Cranes with qualified Technicians.

We pride ourselves in our unremitting desire to bring safe and cost-effective Materials Handling Equipment to the marketplace through our network of operating branches in South Africa.

GROUP DIVISIONS

ENGINEERING SUPPLIES: Manufacture and supply products and services across a broad range of mining and industrial applications.



MARINE EQUIPMENT SUPPLIES: A leading manufacturer and stockist of marine, lifting and safety equipment.



CRANE SERVICES: An on-site repair and breakdown division



REPAIRWORX: Offers first-class service and repairs to all brands of lifting equipment



LIFTWORX: Focuses solely on the servicing of lifting tackle resellers market



SERVICE OFFERINGS

24 - HOUR EMERGENCY BREAKDOWN TECHNICIANS ON CALL: REPAIRS |SERVICE & INSPECTIONS| LOAD TESTING

Our **Cranes Services** division is an on site repair and breakdown division specializing in the repairing, servicing, inspection and load testing of.

- Lifting tackle
- Chain blocks & Lever Hoists
- Forklifts
- Overhead cranes
- Gantry cranes
- Aerial platforms
- Vehicle hoists

Repairworx offers first class service and repairs to all brands of lifting equipment [Subject to OEM spares availability].

Other offerings:

- Quarterly color coding and inspection of lifting tackle
- Non-destructive testing [NDT]
- Hiring of equipment [exclusive to Marine Equipment Supplies]
- Repairing of tarpaulins
- Manufacturing of overhead cranes, monorails , jib cranes' spreader beams lifting beams & manhole lifters
- Metal fabrication

These are only a few of our specialized offerings.



DAESAN

Origin: South Korea

Affiliation with Cooper & Cooper Group: Sole distributor / OEM

Products: Chain Blocks, Lever Hoists, Electric Chain Hoists, Wire Rope winches, Trolleys



DONSA

Origin: South Korea / China

Affiliation with Cooper & Cooper Group: Sole distributor & OEM

Products: Chain blocks, Lever Hoists, Electric Chain Hoists, Fall Arrestors, Webbing Slings, Steel Wire Rope & Rigging equipment. Mild Steel chain.



TSALA

Origin: China

Affiliation with Cooper & Cooper Group: Sole distributor & OEM

Products: Lever hoists, Chain blocks, Beam Clamps & Crawls, Rope Winches, Plate Grabs



LIFTKET

Origin: Germany

Affiliation with Cooper & Cooper Group: Sole Distributer & OEM

Products: Electric Chain hoists



CARVER CLAMPS

Origin: United Kingdom

Affiliation with Cooper & Cooper Group: Sole Distributer & OEM

Products: Carver Clamps



LOCTITE

Origin: United Kingdom

Affiliation with Cooper & Cooper Group: Agent

Products: Sealants & Adhesives





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DSN CHAIN BLOCK

VARIOUS TONNAGES AVAILABLE

From 0.5 ton - 40 ton

360 DEGREE ROTATING HOOK

Top and bottom 360-degree rotating hooks are applied to increase work safety and convenience.

DUAL BRAKE SYSTEM

Stability is maximized with Double Pawl brake system

WEATHER COVER (OPTIONAL)

Protects the chain block body from foreign substances and prevents corrosion, thereby extending the chain block service life.

CHAIN BOX FOR LOAD CHAIN (OPTIONAL)

Prevents the load chain from sagging and protects the chain from foreign substances.

OVERLOAD PROTECTION DEVICE (OPTIONAL)

Acts as a safety device that prevents overload operation



MODEL NO:	CAPACITY TON	CHAIN FALL NO.	STD. LIFT M.	LOAD CHAIN DIA	HAND CHAIN	NET WEIGHT	PULLING EFFORTS
DSN0.5	0.5	1	2.5	6.3 X 19.1	5.0 X 22.8	11 KG	18 KG
DSN1	1	1	2.5	6.3 X 19.1	5.0 X 22.8	12 KG	33 KG
DSN1.5	1.5	1	2.5	7.1 X 21.0	5.0 X 22.8	14 KG	34 KG
DSN2N	2	2	3	6.3 X 19.1	5.0 X 22.8	18 KG	33 KG
DSN2	2	1	3	7.9 X 23.0	5.0 X 22.8	22 KG	34 KG
DSN3	3	2	3	7.1 X 21.0	5.0 X 22.8	23 KG	35 KG
DSN5	5	2	3	9.0 X 27.0	5.0 X 22.8	41 KG	39 KG
DSN7.5	7.5	3	3.5	9.0 X 27.0	5.0 X 22.8	63 KG	40 KG
DSN10	10	4	3.5	9.0 X 27.0	5.0 X 22.8	86 KG	41 KG
DSN15	15	6	3.5	9.0 X 27.0	5.0 X 22.8	131.5 KG	41 KG X 2
DSN20	20	8	3.5	9.0 X 27.0	5.0 X 22.8	209 KG	41 KG X 2
DSN25	25	10	3.5	9.0 X 27.0	5.0 X 22.8	393 KG	41 KG X 2
DSN30	30	12	3.5	9.0 X 27.0	5.0 X 22.8	536 KG	41 KG X 2
DSN40	40	16	3.5	9.0 X 27.0	5.0 X 22.8	696 KG	41 KG X 2



DONSA

CAPACITY	DRAWN UP DIMENSION	HAND CHAIN EFFORT TO LIFT RATED CAPACITY	FALLS OF CHAIN
500 KG	315 MM	21 KG	1
1 TON	315 MM	24 KG	1
1,5 TON	340 MM	30 KG	1
2 TON	380 MM	34 KG	1
3 TON	475 MM	36 KG	2
5 TON	635 MM	38 KG	3
10 TON	790 MM	43 KG	3
15 TON	1040 MM	47 KG	5

SPARE PARTS STOCKED ACROSS THE FULL RANGE AT **COOPER GROUP**

* **FULL TRACEABILITY ON BOTH UNIT AND LOAD CHAIN**

** **CAN BE USED WITH BOTH PLAIN TROLLEY OR GEARED TROLLEY**

TESTED AND CONFORMS TO SANS 1594



TSALA

CHAIN BLOCKS HSZ-A
AVAILABLE FROM 0.5 TON TO 20 TON

CAPACITY	STANDARD LIFT	LOAD CHAIN DIA	FALLS OF CHAIN	TEST LOAD	NETT WEIGHT
500 kg	3 M	6.0 MM	1	0.75 TON	10
1 TON	3 M	6.0 MM	1	1.50 TON	12
1,5 TON	3 M	8.0 MM	1	2.25 TON	18
2 TON	3 M	8.0 MM	1	3.0 TON	24
3 TON	3 M	8.0 MM	2	4.5 TON	32
5 TON	3 M	10.0 MM	2	7.5 TON	46
10 TON	3 M	10.0 MM	4	12.5 TON	71
20 TON	3 M	10.0 MM	8	25.2 TON	145

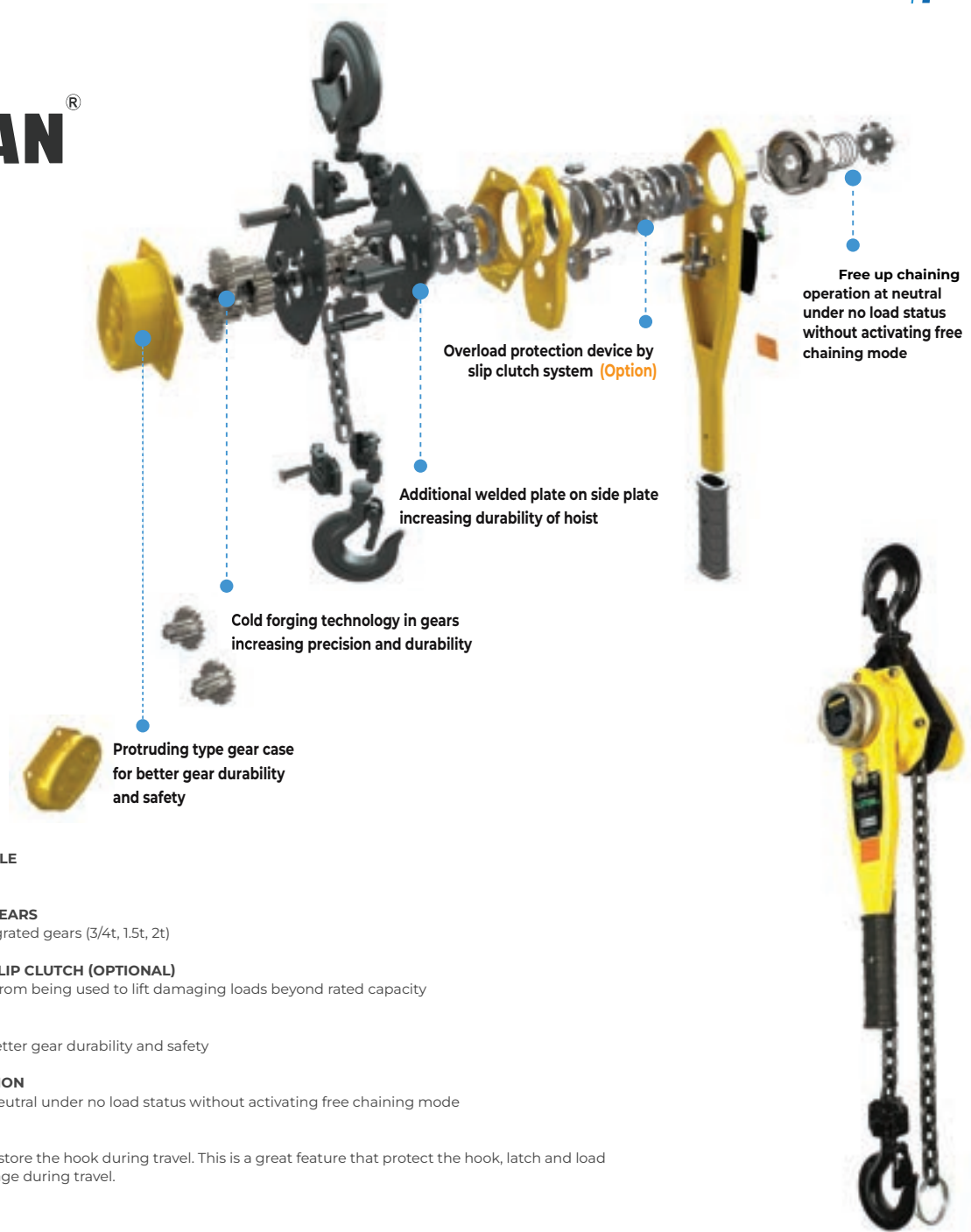
SPARE PARTS STOCKED ACROSS THE FULL RANGE AT **COOPER GROUP**

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** **CAN BE USED WITH BOTH PLAIN TROLLEY OR GEARED TROLLEY**

TESTED AND CONFORMS TO SANS 1594





NDM LEVER HOIST

VARIOUS TONNAGES AVAILABLE
From 0.8 ton to 12 ton

COLD FORGED INTEGRATED GEARS
Highly durable cold forged integrated gears (3/4t, 1.5t, 2t)

OVERLOAD PROTECTION BY SLIP CLUTCH (OPTIONAL)
Slip clutch to prevent the hoist from being used to lift damaging loads beyond rated capacity

PROTRUDING GEAR CASE
Protruding type gear case for better gear durability and safety

FREE "UP" CHAINING OPERATION
Free up chaining operation at neutral under no load status without activating free chaining mode

HOOK STORAGE POINT
Operator can quickly and easily store the hook during travel. This is a great feature that protect the hook, latch and load chain of a lever hoist from damage during travel.

MODEL NO:	CAPACITY (SWL) TON	CHAIN FALL NO.	STD. LIFT M.	LOAD CHAIN DIA	NET WEIGHT	PULLING EFFORTS
NDM08	0.8	1	1.5	6.3 X 19.1	7 KG	30 KG
NDM15	1.5	1	1.5	7.1 X 21.0	10.5 KG	30 KG
NDM20	2	1	1.5	7.1 X 21.0	11 KG	40 KG
NDM30	3	1	1.5	9.0 X 27.0	17.5 KG	37 KG
NDM60	6	2	1.5	9.0 X 27.0	29 KG	38 KG
NDM90	9	3	1.5	9.0 X 27.0	56 KG	39 KG
NDM120	12	4	1.5	9.0 X 27.0	74 KG	40 KG



HOISTS BUILT FOR RUGGED ENGINEERING WORK

CAPACITY	DRAWN UP DIMENSION	LEVER EFFORT TO LIFT RATED CAPACITY	FALLS OF CHAIN
750 KG	295 MM	16 KG	1
1.5 TON	325 MM	18 KG	1
3 TON	395 MM	33 KG	1
6 TON	590 MM	35 KG	2

*** YOU CAN SPECIFY THE LENGTH OF LIFT REQUIRED**

- Korean Manufactured
- Two Independent Pawls
- All units load tested and certified prior to dispatch in South Africa
- F.O.S Min 4:1
- Locally assembled

TESTED AND CONFORMS TO SANS 1636



CAPACITY	STANDARD LIFT	LOAD CHAIN DIA	FALLS OF CHAIN	HANDLE PULL	NETT WEIGHT
750 KG	3 M	6.0 MM	1	14.3 KG	7.2 KG
1.5 TON	3 M	8.0 MM	1	22.4 KG	11.8 KG
3 TON	3 M	10.0 MM	1	32.6 KG	23 KG
6 TON	3 M	10.0 MM	2	34.7 KG	33 KG

*** YOU CAN SPECIFY THE LENGTH OF LIFT REQUIRED**

- Two Independent Pawls
- All units load tested and certified prior to dispatch in South Africa
- F.O.S Min 4:1
- Locally assembled

TESTED AND CONFORMS TO SANS 1636





DSA & EDSA ELECTRIC HOISTS [DUAL BRAKE]

DUAL BRAKE SYSTEM [MECHANICAL + ELECTRIC]

Mechanical load brake provides load lowering control. Electric brake is designed for easy access and simple adjustment.

INVERTER (OPTIONAL)

Adjustable dual lifting speed as well as dual traversing speed by variable frequency drive is available

OVERLOAD ALERT (OPTIONAL)

Installed as load detecting safety device to help prevent overload for greater hoist longevity

HEAVY-DUTY HOIST MOTOR

Class F motor insulation and standard thermal motor protection

SHEAVE / CHAIN GUIDE

Full floating chain guide assures proper engagement of chain on load sheave. Features 4 or 5 pockets for better distribution of the load.

WEATHER COVER (OPTIONAL)

Hoist weather cover is a practical product that increases the longevity of your hoists perfect for seasonal and permanent installations.



TRAVERSING LIMITER OR DROP STOP & RUBBER BUMPER(OPTION)

Trolley traversing limiter or Drop stop & Rubber bumper is available as an option.

TRAVERSING LIMITER



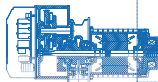
UPPER AND LOWER LIMIT SWITCH

Prevent overwinding by stopping operation in the case of overlifting or overlowering.



GEAR BOX / OIL LUBRICATION

The gearbox utilizes an alloy steel helical and spur gear reduction. Gear inspection and lubrication is easily accessible from the top of the hoist.



DUAL BRAKE SYSTEM(MECHANICAL BRAKE+ELECTRIC BRAKE)

Secured with dual braking system, disc type motor brake working with mechanical load brake provides load lowering control. Electric brake is designed for easy access and simple adjustment.



WEATHER COVER(OPTION)

Hoist weather cover is a practical product that increases the longevity of your hoists perfect for seasonal and permanent installations. Protect hoist in outdoor use.

DROP STOP & RUBBER BUMPER

MOTORIZED TROLLEY

Trolley is adjustable for a range of flange widths. Motor includes disc type brake. Side guide rollers are included to promote smooth trolley motion and to minimize wheel and beam wear. Wheels are dual tread design for operation on tapered or flat flange beams. Trolley motor includes class F insulation. Motor is rated 15 minute duty and includes standard thermal motor protection.



ELECTRIC BRAKE

LOAD SHEAVE / CHAIN GUIDE

Full floating chain guide assures proper engagement of chain on load sheave. Features 4 or 5 pockets for better distribution of the load.

HEAVY-DUTY HOIST MOTOR

The hoist motor is high torque design and is rated 30-minute duty. Class F motor insulation and standard thermal motor protection is included.

LOAD CHAIN

G80 load chain is case hardened and has a high resistance to wear and corrosion. Longer lifts are available per requirement. Breaking load limit with more than 5 times of rated load.

CHAIN CONTAINER

Chain container is standard equipment and is either molded with thick polypropylene material or fabricated from steel to securely contain the chain and chain lubricant. Optional containers are available for long lift applications.



MECHANICAL BRAKE

OVERLOAD ALERT(OPTION)

Installed as load detecting safety device to help prevent overload for greater hoist longevity.



HOOKS

Load hook is forged carbon steel hook with a heavy-duty hook latch. Thrust bearing in hook allows 360° rotation to prevent twisting of load chain. Top Hook, for hook suspended hoists is rigid.

INVERTER(OPTION)

Adjustable dual lifting speed as well as dual traversing speed by variable frequency drive is available with EDSA/EDSM series from 1ton to 20ton. It is perfect type where precise and accurate lifting solution is required. Very silent and smooth lifting operation with great durability replaces conventional pole change type dual speed hoist. Speed setting can be adjusted upon customer request / 3 step lifting speed is optional.



PUSH BUTTON CONTROL

Compact design to enable one-handed operation. Rated IP64 protection. Emergency stop button is included. Push button cable has strain relief to prevent cable damage.





ELECTRIC HOIST - FRICTION CLUTCH

BRAKE SYSTEM

A cone type brake operated by powerful pull rotor using magnetic force

OVERLOAD PROTECTION DEVICE (OPTIONAL)

Dual Safety Device Friction Clutch & Upper Limiter Switch

INVERTER (OPTIONAL)

Adjustable dual lifting speed as well as dual traversing speed by variable frequency drive is available

OVERLOAD ALERT (OPTIONAL)

Installed as load detecting safety device to help prevent overload for greater hoist longevity

LOAD SHEAVE & CHAIN GUIDE

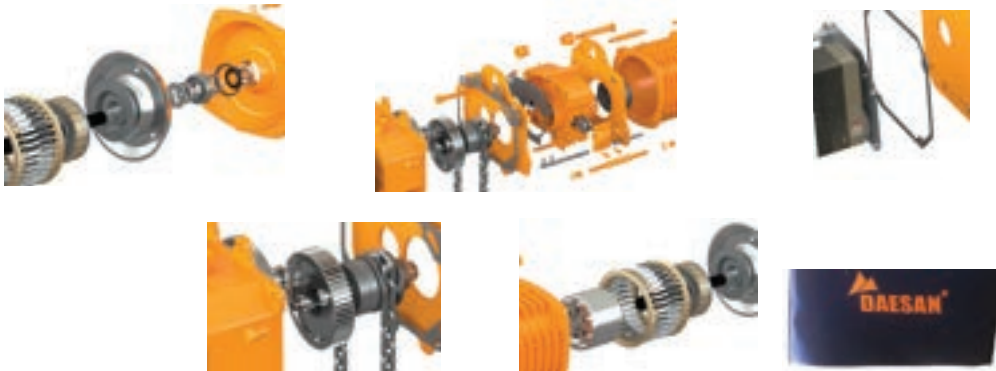
Full floating chain guide assures proper engagement of chain on load sheave. Features 5 pockets for better distribution of the load

HEAVY-DUTY HOIST MOTOR

Class F motor insulation and standard thermal motor protection

WEATHER COVER (OPTIONAL)

Hoist weather cover is a practical product that increases the longevity of your hoists perfect for seasonal and permanent installations.



ELECTRIC HOIST - LOW HEADROOM

MOTORIZED TROLLEY; DROP STOP & RUBBER BUMPER (OPTIONAL)

Trolley is adjustable for a range of flange widths. Motor includes disc type brake. Side guide rollers are included to promote smooth trolley motion and to minimize wheel and beam wear

OVERLOAD ALERT (OPTIONAL)

Installed as load detecting safety device to help prevent overload for greater hoist longevity

UPPER AND LOWER LIMIT SWITCH

Prevent overwinding by stopping operation in the case of overlifting or overlowering

INVERTER (OPTIONAL)

Adjustable dual lifting speed as well as dual traversing speed by variable frequency drive is available

LOAD SHEAVE / CHAIN GUIDE

Full floating chain guide assures proper engagement of chain on load sheave.

HEAVY-DUTY HOIST MOTOR

Class F motor insulation and standard thermal motor protection

WEATHER COVER (OPTIONAL)

Hoist weather cover is a practical product that increases the longevity of your hoists perfect for seasonal and permanent installations.





ELECTRIC HOIST - TWIN HOOK

MOTORIZED TROLLEY; DROP STOP & RUBBER BUMPER (OPTIONAL)

Trolley is adjustable for a range of flange widths. Motor includes disc type brake. Side guide rollers are included to promote smooth trolley motion and to minimize wheel and beam wear

OVERLOAD ALERT (OPTIONAL)

Installed as load detecting safety device to help prevent overload for greater hoist longevity

UPPER AND LOWER LIMIT SWITCH

Prevent over-winding by stopping operation in the case of over lifting or over-lowering

INVERTER (OPTIONAL)

Adjustable dual lifting speed as well as dual traversing speed by variable frequency drive is available

LOAD SHEAVE / CHAIN GUIDE

Full floating chain guide assures proper engagement of chain on load sheave.

HEAVY-DUTY HOIST MOTOR

Class F motor insulation and standard thermal motor protection

WEATHER COVER (OPTIONAL)

Hoist weather cover is a practical product that increases the longevity of your hoists perfect for seasonal and permanent installations.



DONSA-X ELECTRIC HOISTS 500KG - 5 000KG

DONSA-X IP 54 ELECTRIC CHAIN HOISTS SUITABLE FOR MINING AND INDUSTRIAL APPLICATIONS.

FEATURES INCLUDE:

- Mechanical brake
- High performance durable motor
- Calibrated case hardened load chain
- Bottom hook with a built-in thrust bearing that ensures smooth rotation of the bottom hook
- Available with motorized trolley
- 380 Volt / 525 Volt
- Full range of spares available



LIFTKET

WORKS SINCE 1948

STAR-LIFTKET. MODELS FROM 125KG UP TO 25 TON

All STAR **LIFTKET** electric hoists incorporate a special safety clutch - brake system. The sliding clutch is located between motor and brake in such a way that the brake will hold the load safely even if the clutch is totally worn. All **LIFTKET** electric chain hoists can be suspended on suspension eyes or delivered with push or electric trolleys. For maximum lifting height all **LIFTKET** hoists can be mounted on the top of the steel construction (foot assembly).

LIFTKET electric chain hoists are completely produced in Germany.

Up to 240 starts per Hour, Very Low Headrooms

Liftket produce a full range of hoists to meet exact criteria for any job. The hoists are built to perform to the specifications of the FEM Duty Group in which they are selected

For more information & specs on the full range of hoists please visit www.engineeringsupplies.co.za

CAPACITY	VERSION	MODEL	SPEED DUAL SPEED METER PER MIN	NO CHAIN FALLS	DRAWN HOOK TO HOOK	HOOK TO LIFTKET ELECTRIC CSAWL
Liftket 380 volt Single Three Phase Electric Chain Hoist. The list below is the most popular list as stocked in South Africa. For a full list of Models and Duty Ratings and Duty Groups, please visit our website www.engineeringsupplies.co.za						
125kg	125/1-8	020/52	8 mpm	1	432mm	401mm
125kg	125/1-24	020/50	24 mpm	1	432mm	401mm
125kg	125/1-24/6	051/50	24/6 mpm	1	462mm	436mm
250kg	250/2-4	020/52	4 mpm	2	485mm	454mm
250kg	250/1-8/2	021/51	8/2 mpm	1	432mm	401mm
250kg	250/1-12/3	051/52	3 mpm	1	462mm	436mm
250kg	250/1-24	050/52	24 mpm	1	462mm	436mm
500kg	500/2-6	030/50	6 mpm	2	485mm	454mm
500kg	500/2-6/1,5	051/52	6/1,5 mpm	2	515mm	489mm
500kg	500/1-8	030/52	8 mpm	1	432mm	401mm
500kg	500/1-10	070/51	10 mpm	1	492mm	460mm
800kg	800/1-8	070/54	8 mpm	1	492mm	460mm
1000kg	1000/2-4	030/52	4 mpm	2	485mm	463mm
1000kg	1000/2-5	070/51	5 mpm	2	582mm	570mm
1000kg	1000/1-6	070/55	6 mpm	1	492mm	460mm
1000kg	1000/1-6/1,5	071/55	6/1,5 mpm	1	492mm	460mm
1000kg	1000/1-10	070/53	10 mpm	1	492mm	460mm
1250kg	1250/1-8	070/56	8 mpm	1	492mm	480mm
1600kg	1600/2-4	070/54	4 mpm	2	582mm	570mm
1600kg	1600/1-8	090/55	8 mpm	1	616mm	550mm
2000kg	2000/2-3	070/55	3 mpm	2	582mm	570mm
2000kg	2000/2-3/0,75	071/55	3/0,75 mpm	2	582mm	570mm
2000kg	2000/2-5	070/53	5 mpm	2	582mm	570mm
2500kg	2500/2-4	070/56	4 mpm	2	582mm	590mm
2500kg	2500/1	110/52	10 mpm	1	728mm	676mm
3200kg	3200/2-4	090/55	4 mpm	2	725mm	659mm
5000kg	5000/2-5	110/52	5 mpm	2	858mm	806mm
LIFTKET 220 VOLT SINGLE PHASE ELECTRIC CHAIN HOIST						
250kg	250/1-8	020/01	8 mpm	1	432mm	401mm
500kg	500/2-4	020/01	4 mpm	2	485mm	454mm
1000kg	1000/1-6	070/01	6 mpm	1	492mm	460mm
2000kg	2000/2-3	070/01	3 mpm	2	582mm	570mm
LIFTKET BI MODELS						
500kg	500/1-10	4/00H	10 mpm	1	496mm	455mm
1 ton	1000/2-5	4/00H	5 mpm	2	589mm	548mm
1 ton	1000/1-5	4.1/003	5 mpm	1	496mm	455mm
2 ton	2000/2-2.5	4.1/003	2.5 mpm	2	589mm	548mm



TRIED AND TESTED THE MOST EFFECTIVE
BRICK YARD PRODUCTION HOIST



SUITABLE FOR:
TRACKLESS MINING WORKSHOPS
SHAFT SLINGING OPERATIONS
PROCESS PLANT

25 TONS WITH ONLY 2 FALLS OF CHAIN!

Applications:

- Load center does not move, therefore simple single point suspension will be possible - advantage versus wire rope winches
- Suitable for construction business and maintenance work with variable lifting heights - including mobile applications
- For special cranes with very low headroom - foot mounting available

TECHNICAL DATA

Mode of control:	24 V low voltage control other voltages optional
Overload protection:	sliding clutch
Limitation of lifting movements:	electric limit switches
Insulation class:	IP 55
Stationary suspension:	suspension eye
Type of trolley:	electric trolley
Flange width (mm):	N 140-230 S1 220-310
Traveling speed (m per min):	4 + 16



TSALA

TSALA PLAIN CRAWLS 0.5 TO 10T - PLAIN CRAWLS (PUSH / PULL)

- The load on the chain block suspended from the crawl is moved by pulling on the load to move the load backwards and forwards.
- The crawl wheels are shaped to fit on both "I" beams and RSJ beams.
- The crawl width is adjustable to get it to fit on a range of beams applicable to the weight of the load.
- The suspension point is an eye in the adjustment rod.
- The crawls come complete with anti-tilting lugs to prevent the crawl from dislodging from the beam under load.
- The crawls come with lock nuts to retain the width set when fitted to the beam.
- The crawl capacity range from 500kg to 10ton



TSALA GEARED CRAWLS 1 TO 10T (CHAIN OPERATED TO MOVE THE LOAD BACKWARD AND FORWARD)

- The load on the chain block suspended from the crawl is moved by pulling on the load to move the load backwards and forwards.
- The crawl wheels are shaped to fit on both "I" beams and RSJ beams.
- The crawl width is adjustable to get it to fit on a range of beams applicable to the weight of the load.
- The suspension point is an eye in the adjustment rod.
- The crawls come complete with anti-tilting lugs to prevent the crawl from dislodging from the beam under load.
- The crawls come with lock nuts to retain the width set when fitted to the beam.
- The crawl capacity range from 500kg to 10ton



BEAM CLAMPS & PLATE LIFTING CLAMPS

TSALA BEAM CLAMPS (1 000KG TO 10 000KG)

STEEL BEAM CLAMPS THAT ACCOMMODATE A RANGE OF BEAM SIZES.

- Adjustable jaw opening
- Lightweight and compact
- Built out of high-tensile steel, resistant to cracks
- Available from 1 000kg to 10 000kg
- Baked epoxy finish
- Test certificate issued



TSALA PLATE LIFTING CLAMPS

- Dependable latch type safety lock. (spring type clamping mechanism)
- Automatic powerful clamping mechanism, clamps securely in proportion to the weight of the load.
- Clamps with force of more than twice the lifting load, yet leaves the materials free from unnecessary scars.
- Induction-hardened, special alloy steel cam.
- Main body made of high-tensile steel with a precision forged construction resistant to cracks.
- Round swivel jaw to grip steel plates securely
- Easy-to-handle, large-sized lifting shackle.
- Baked epoxy finish.
- Test certificate issued.

TSALA HORIZONTAL PLATE CLAMP

CAPACITY		
750 KG	1.5 TON	2 TON



TSALA VERTICAL PLATE CLAMP

CAPACITY			
1 TON	2 TON	3 TON	5 TON



DRUM LIFTING CLAMPS

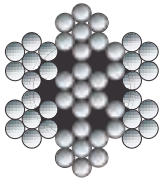
DONSA

DRUM LIFTING CLAMPS ALL RATED 500KG - SUITABLE FOR 210 LITRE DRUMS

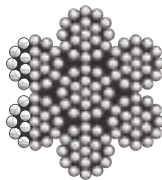
Made of high tensile steel
500kg safe working load
Suitable for 210 litre drums
Available in 3 variants to suit various applications

VERTICAL | HORIZONTAL | RING TYPE

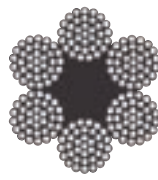




7 x 7 (6/1)
STAINLESS, GRADE 304
AND 316

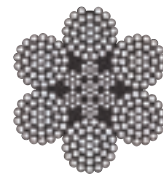


7 x 19 (12/6/1)
STAINLESS GRADE 304
AND 316



6 X 36 (14/7 + 7/7/1)
FIBRE CORE, GALVANISED AND UNGALVANISED,
1770 AND 1960 MPA

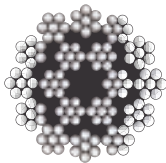
MINING, SLINGS, GENERAL ENGINEERING, WINCHES,
HOISTS, CRANES



6 x 36 (14/7+7/7/1)
IWRC GALVANISED AND UNGALVANISED,
1770 AND 1960 MPA

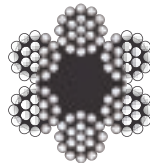
MINING, SLINGS, GENERAL ENGINEERING, WINCHES,
HOISTS, CRANES

FOR USE WITH STAINLESS STEEL AND COPPER FIT-
TINGS, WHERE RUST PREVENTION IS ESSENTIAL

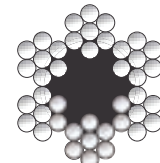


12 X 7 (6/1)/6 x 7 (6/1) FIBRE CORE AND
19 X 7 - 12 X 7 (6/1)/6 x 7(6/1)/1 x 7 (6 x 1)
NON-SPIN. UNGALVANISED, 1770 AND
1960MPA

CRANES, GENERAL ENGINEERING, DRILLING, NON-
SPIN APPLICATIONS

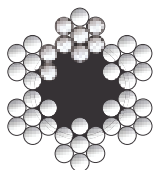


6 X 19 (12/6/1) (9/9/1) FIBRE CORE OR IWRC
MINING, SLINGS, GENERAL ENGINEERING, DRILLING



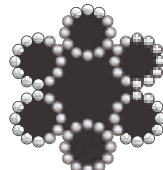
6 x 7(6/1)
FIBRE CORE, GALVANISED,
1770 MPA

GENERAL PURPOSE, WHERE LESS FLEXIBILITY
IS REQUIRED



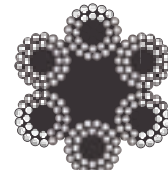
6 x 7 (6/1)
FIBRE CORE, GALVANISED,
1770 MPA,
PVC COVERED
6 X 12 (12/FC)
FIBRE CORE, GALVANISED,

GENERAL PURPOSE AND BELL-WIRE APPLICATIONS



6 X 12 (12/FC)
FIBRE CORE, GALVANISED

GENERAL ENGINEERING, LASHING, BLASTING
BARRICADES



6 X 24 + 7
FIBRE CORE, DRAWN GALVANIZED,
1770 MPA FINISHING ROPE

DONSA

STEEL WIRE ROPE SLINGS

Steel Wire Rope Sling Components: Ferrules; Thimbles & Spelter Sockets

FERRULES

Ferrules secure the loop to form the eye of a steel wire rope sling.

THIMBLES

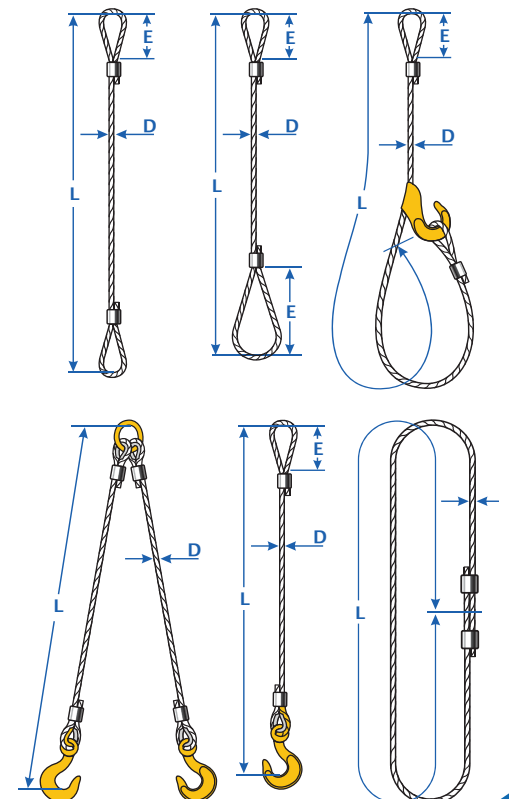
Thimbles are used in wire rope assemblies to form an eye of the loop, and offer added protection from wear and tear of direct contact and deformation of the eye, extending the service life of the Wire Rope or Wire Rope Sling.

SPELTER SOCKETS

Used as sling terminations, especially on permanent fixtures such as power line towers, cell phone towers and in the mining industry.



MINIMUM PERMITTED FACTOR OF SAFETY			6:1	6:1	6:1	6:1	6:1	6:1	6:1	6:1	6:1	8:1	Rope Diameter	
ROPE CONSTRUCTION	Rope Diameter	Est. Breaking Force kN	Vertical Lift	Choker Hitch	Halving Sling	Cradle Sling	30°	60°	90°	120°	Reeving Sling	Double Cradle Wrap Sling	Endless with Bright	Rope Diameter
6 x 19 (9/9/1)F 1800 MPa RH Ordinary Lay	10	59	1.00	0.75	1.50	1.41	1.93	1.73	1.41	1.0	1.06	2.84	113	10
	13	101.8	1.73	1.3	2.59	2.44	3.34	2.99	2.44	10	1.83	4.89	195	13
6 x 36 (14/7 + 7/7)F 1800 MPa RH Ordinary Lay	13	102.5	1.74	1.31	2.61	2.46	3.36	3.01	2.46	1.74	1.85	4.93	196	13
	16	156.3	2.66	1.99	3.98	3.74	4.13	4.59	3.74	2.66	2.81	7.51	299	16
	19	221.4	3.76	2.82	5.64	5.30	7.26	6.51	5.30	3.76	3.99	10.64	423	19
	20	242.4	4.12	3.09	6.18	5.81	7.95	7.12	5.81	4.12	4.37	11.65	463	20
	22	297	5.08	3.78	7.57	7.11	9.74	8.73	7.11	5.05	5.35	14.28	568	22
	24	342.2	5.81	4.36	8.72	8.20	11.22	10.06	8.20	5.81	6.16	16.45	654	24
	26	405.8	6.89	5.17	10.34	9.72	13.31	11.93	9.72	6.89	7.31	19.51	776	26
28	479.7	8.15	6.11	12.22	11.49	15.73	14.10	11.49	8.15	8.64	23.06	917	28	
32	627.2	10.66	7.99	15.98	15.02	20.57	18.43	15.02	10.66	11.30	30.16	1199	32	
6 x 36 (14/7 + 7/7) WRC 1800 MPa RH Ordinary Lay	13	113.5	1.93	1.45	2.89	2.72	3.72	3.34	2.72	1.93	2.04	5.46	217	13
	16	172.4	2.93	2.20	4.39	4.13	5.65	5.07	4.13	2.93	3.10	8.29	330	16
	18	217.3	3.69	2.77	5.54	5.21	7.13	5.39	5.21	3.69	3.91	10.45	415	18
	19	243.7	4.14	3.11	6.21	5.84	7.99	7.16	5.84	4.14	4.39	11.72	466	19
	20	268.8	4.57	3.43	6.85	6.44	8.81	7.90	6.44	4.57	4.84	12.92	514	20
	22	326.8	5.55	4.16	8.33	7.83	10.72	9.61	7.83	5.55	5.89	15.71	625	22
	24	393.2	6.68	5.01	10.02	9.42	12.89	11.56	9.42	6.68	7.08	18.91	752	24
	26	449.4	7.64	5.73	11.45	10.77	14.74	13.21	10.77	7.64	8.09	21.61	859	26
28	529	8.99	6.74	13.48	12.67	17.35	15.55	12.67	8.99	9.53	25.43	1011	28	
32	691.6	11.76	8.82	17.64	16.58	22.70	20.53	16.58	11.76	12.47	33.29	1322	32	





ENGINEERING SUPPLIES AND MARINE EQUIPMENT SUPPLIES stock Grade 80 and Grade 100 chain slings that are manufactured according to the EN818-2-8 International Standard.

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

The OEM Certificates are kept on file for future use and to retain the details on the markings of each batch of chain received.

ALL THE CHAIN SLING COMPONENTS ARE MANUFACTURED IN LINE WITH:

- DIN EN 1677-1 Forged steel components requirements - Gr8
- DIN EN 1677-2 Forged steel lifting hooks with latch - Gr8
- DIN EN 1677-3 Forged steel self-locking hooks - Gr8
- DIN EN 1677-4 Links - Gr8

Here again the OEM certificates with the traceability markings that were applied on each batch of components received are kept on file at our office.

All chain slings assembled at Engineering Supplies and Marine Equipment supplies are issued with distinct serial numbers and workload limits to ensure maximum safety for the users if applied correctly.



WORKING LOAD LIMITS FOR GRADE 80 CHAIN SLINGS

SIZES (D)	Single	TWO-LEG			THREE-LEG			FOUR-LEG		
		α 60 _i	α 90 _i	α 120 _i	β 30 _i 4	β 5 _i	β 60 _i	α 60 _i	α 90 _i	α 120 _i
mm	tt		tt		tt		tt		tt	
7	.502	.552	.101	.503	.803	.152	.253	.803	.152	.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	11.208	.002	0.27	16.801	2.00	20.271	6.80	12.00
20	12.502	1.25	17.501	2.50	31.672	6.25	18.753	1.67	26.25	18.75
22	15.00	25.50	21.001	5.00	38.003	1.50	22.50	38.003	1.50	22.50
26	20.403	4.68	28.562	0.40	51.684	2.84	30.605	1.68	42.843	0.60
32	31.505	3.55	44.10	31.50	79.80	66.15	47.25	79.80	66.15	47.25



DONSA

FLAT AND ENDLESS ROUND WEBBING SLINGS

- Made from High quality industrial polyester
- Color coded according to the safe working load
- Flat webbing slings soft eyes are reinforced to protect against damage
- Each sling has an individual serial number
- Supplied with certificate of conformance
- Duplex flat webbing slings comply to SANS94-1:2003
- Endless round slings comply to SANS94-2:2003
- Locally manufactured
- Available from 1 Ton - over 125 Ton



	WLL (KG) WITH ONE ENDLESS ROUND SLING, DUPLEX FLAT STROP AND SINGLE LEG SLING				
	STRAIGHT LIFT	CHOKE LIFT	UP TO 7°	FROM 7 TO 45	FROM 45 UP TO 60
ENDLESS ROUND SLINGS					
DUPLEX FLAT SLINGS					
SINGLE OR MULTI LEG SLINGS					
MODE FACTOR	1.0	0.8	2.0	1.4	1.0
1.000kg	1.000	800	2.000	1.400	1.000
2.000kg	2.000	1.600	4.000	2.800	2.000
3.000kg	3.000	2.400	6.000	4.200	3.000
4.000kg	4.000	3.200	8.000	5.600	4.000
5.000kg	5.000	4.000	10.000	7.000	5.000
6.000kg	6.000	4.800	12.000	8.400	6.000
8.000kg	8.000	6.400	16.000	11.200	8.000
10.000kg	10.000	8.000	20.000	14.000	10.000
15.000kg	15.000	12.000	30.000	21.000	15.000
20.000kg	20.000	16.000	40.000	28.000	20.000
25.000kg	25.000	20.000	50.000	35.000	25.000
30.000kg	30.000	24.000	60.000	42.000	30.000
40.000kg	40.000	32.000	80.000	56.000	40.000
50.000kg	50.000	40.000	100.000	70.000	50.000
60.000kg	60.000	48.000	120.000	84.000	60.8000
80.000kg	80.000	64.000	160.000	112.000	80.000
100.000kg	100.000	80.000	200.000	140.000	100.000

DONSA



TURNBUCKLES
HOOK - EYE
EYE - EYE
HOOK - HOOK

MATERIAL
 STANDARD
 FINISH
 DROP FORGED
 MILD STEEL
 DIN 1480
 ELECTRO-GALVANISED



WIRE ROPE CLAMPS

COMMERCIAL DIN 741
 U.S. FED. SPEC. FF.C-450
 TYPE 1 CLASS 1
 U.S. FED. SPEC. FF.C-450
 TYPE 1 CLASS 2 (BULLDOG)



WIRE ROPE THIMBLES

BRITISH STANDARD
 B.S. 464



HOOK - CARABINE S/S
+ ELECTRO GALV

MATERIAL
 STAINLESS STEEL
 ELECTRO-GALVANISED



**HOOK - CARABINE W/
 SCREW S/S**
+ ELECTRO GALV

MATERIAL
 STAINLESS STEEL
 ELECTRO-GALVANISED



SWIVEL - S/S
+ ELECTRO GALV

MATERIAL
 STAINLESS STEEL
 ELECTRO-GALVANISED



EYEBOLT
GENERALLY TO DIN 580

MATERIAL
 CARBON STEEL, C15.
 MBL. EQUALS 4 X WLL.
 GENERALLY TO DIN 580.
 ELECTRO-GALVANISED.
 CERTIFICATES CAN BE
 SUPPLIED ON REQUEST.

ALSO AVAILABLE IN
 STAINLESS STEEL



EYENUT
GENERALLY TO DIN 582

MATERIAL
 CARBON STEEL, C15.
 MBL. EQUALS 4 X WLL.
 GENERALLY TO DIN 582.
 ELECTRO-GALVANISED.
 CERTIFICATES CAN BE
 SUPPLIED ON REQUEST.

ALSO AVAILABLE IN
 STAINLESS STEEL



SCREW PIN D SHACKLE

MATERIAL
 BOW: HIGH TENSTILE, PIN:
 ALLOY
 GENERALLY TO US FED.
 SPEC. RR-C-271F.
 HOT DIPPED GALVANISED.
 CERTIFICATES CAN BE
 SUPPLIED ON REQUEST.

ALSO AVAILABLE IN
 STAINLESS STEEL



SCREW PIN BOW SHACKLE

MATERIAL
 BOW: HIGH TENSTILE, PIN:
 ALLOY
 GENERALLY TO US FED.
 SPEC. RR-C-271F.
 HOT DIPPED GALVANISED.
 CERTIFICATES CAN BE
 SUPPLIED ON REQUEST.

ALSO AVAILABLE IN
 STAINLESS STEEL



SAFETY D SHACKLE

MATERIAL
 BOW: HIGH TENSTILE, PIN:
 ALLOY
 GENERALLY TO US FED.
 SPEC. RR-C-271F.
 HOT DIPPED GALVANISED.
 CERTIFICATES CAN BE
 SUPPLIED ON REQUEST.

ALSO AVAILABLE IN
 STAINLESS STEEL



SAFETY BOW SHACLE

MATERIAL
 BOW: HIGH TENSTILE, PIN:
 ALLOY
 GENERALLY TO US FED.
 SPEC. RR-C-271F.
 HOT DIPPED GALVANISED.
 CERTIFICATES CAN BE
 SUPPLIED ON REQUEST.

ALSO AVAILABLE IN
 STAINLESS STEEL



CLOSED SPELTER SOCKET

SO1 TYPE
 MATERIAL: CAST STEEL
 STANDARDS: US FEDERAL
 SPEC RR-S-550D, TYPE C
 FINISH: PAINTED /
 GALVANIZED

SAFETY FACTOR: 5:1



OPEN SPELTER SOCKET

SO2 TYPE
 MATERIAL: CAST STEEL
 STANDARDS: US FEDERAL
 SPEC RR-S-550D, TYPE A
 FINISH: PAINTED /
 GALVANIZED

SAFETY FACTOR: 5:1



OPEN WEDGE SOCKET

SO3 TYPE
 MATERIAL: CAST STEEL
 STANDARDS: US FEDERAL
 SPEC RR-S-550D, TYPE B
 FINISH: PAINTED /
 GALVANIZED

SAFETY FACTOR: 5:1

DONSA

DONSA RATCHET WEBBING LOAD RESTRAINTS

Safe and secure - meets all legal requirements.
 Fast tensioning release and re-tensioning Durable, high visibility polyester webbing.
 Corner protectors of various duties available.

TOWING HOOK



GRAB HOOK
10mm - 13mm



SLIP HOOK
10mm - 13mm



TRUCK WINCH



CORNER PLASTIC PROTECTOR



LASHING TURNBUCKLE
Open - 690mm | Closed - 410mm
Diameter - 20mm | BL - 11 Ton



OPEN CLAWHOOK



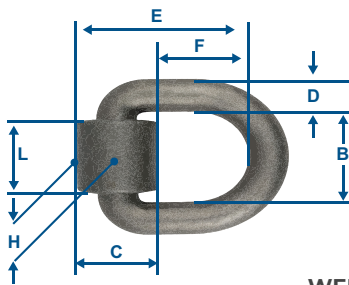
J HOOK



RATCHET TYPE LOAD BINDER



LEVER TYPE LOAD BINDER



WELD-ON TRANSPORT RING



RATCHET TIE DOWN STRAP

DIMENSIONS MM									MASS KG
SIZE	WLL	E	F	C	L	H	D	B	
10-8	3.15	84	46	45	45	38	18	48	0.7
13-8	5.3	120	60	60	60	51	24	66	1.6
16-8	8	127	66	66	68	61	28	72	2.4

RATCHET C/W TAIL	STRAP LENGTH (M)
50 X 4 T	3, 6, 9, 12 M
75 X 7 T	3, 6, 9, 12 M
90 X 9 T	3, 6, 9, 12 M
ANY LENGTH ON REQUEST	



MANILLA PULLY BLOCKS

SINGLE SHEEVE

ROPE DIA (MM)	SHEAVE DIA (MM)	SWL (KG)
10	65	300
13	90	350
16	100	600
20	120	850
22	125	1200
24	150	1500



DOUBLE SHEEVE

ROPE DIA (MM)	SHEAVE DIA (MM)	SWL (KG)
10	65	65
13	90	120
16	100	200
20	120	300
22	125	400
24	150	550



TRIPPLE SHEEVE

ROPE DIA (MM)	SHEAVE DIA (MM)	SWL (KG)
10	65	350
13	90	400
16	100	700
20	120	1000
22	125	1300
24	150	2000



SNATCH BLOCK

CODE					
SBBS 1T 8/10	1	8 - 10	125	12	48 X 24
SBBS 2T 12/14	2	12 - 14	175	18	68 X 32
SBBS 3T 16/18	3	16 - 18	200	20	74 X 35
SBBS 5T 20/22	5	20 - 22	300	24	80 X 38
SBBS 7.5T 24/26	7.5	24 - 26	350	30	90 X 46
SBBS 10T 28/32	10	28 - 32	400	34	150 X 65



FIBRE ROPES



NYLON ROPE

Specific gravity: - 1.15
Melting point: - +/- 215°
Elongtri. at breaking load - +/- 20%



POLYPROPYLENE ROPE

Specific gravity - 0.91
Melting point - +/-165°
Elongtri. at breaking load - 20%



POLYESTER ROPE

Specific gravity: - 1.55
Melting point: - +/- 260°
Elongtri. at breaking load - +/- 15%



MANILLA ROPE

Specific gravity: - 1.45
Melting point: - +/-
Elongtri. at breaking load - +/- 20%



POLYSTEEL ROPE

Specific gravity: - 0.91
Melting point: - +/- 160°
Elongtri. at breaking load - +/- 20%

SPLICING EQUIPMENT



C16 FELCO CUTTER



HOLLOW FID
SIZE - JUNIOR/SENIOR



SAIL - PALM RIGHT HAND
& SAIL NEEDLES



CAULKING COTTON
500G BALL



WOODEN SERVING Mallet



MARLIN SPIKE

200-8 POINT
250-10 POINT
300-12 POINT
350-14 POINT
400-16 POINT
450-18 POINT
500-20 POINT
600-24 POINT



250MM X 40MM
300MM X 40MM
350MM X 50 MM
400MM X 50 MM
450MM X 60MM
500MM X 80 MM
500MM X 100MM



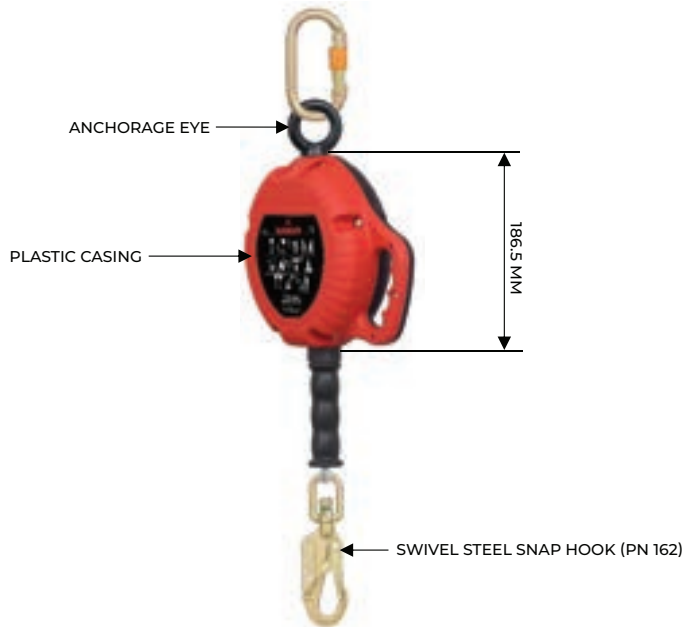
We have an extensive range of equipment under this category,

- FALL ARREST BLOCKS
- ROPE ACCESS AND RESCUE EQUIPMENT
- ANCHORAGE POINTS
- HARNESES AND LANYARDS
- TEMPORARY ANCHORAGE LINES
- CONFINED SPACE ENTRY EQUIPMENT
- SELF CONTAINED SAFETY KITS
- MATERIAL HAULAGE SYSTEMS

FALL ARREST BLOCK

Robust & durable plastic casing
Has swivel anchorage eye at anchorage end
Swivel steel snap hook with Load Indicator our Ref. PN 162 at attachment end

Galvanized steel wire rope (option of having S.S. wire rope available)



BLACK LINER WITH BLACK PU COATING

Your best choice for cut protection in pharmaceutical industry, with excellent grip. This glove offers excellent grip along with a comfortable fit. It also offers higher abrasion and tear resistance, tested to the new 2016 Standard.



ENERGY ABSORBING WEBBING LANYARD

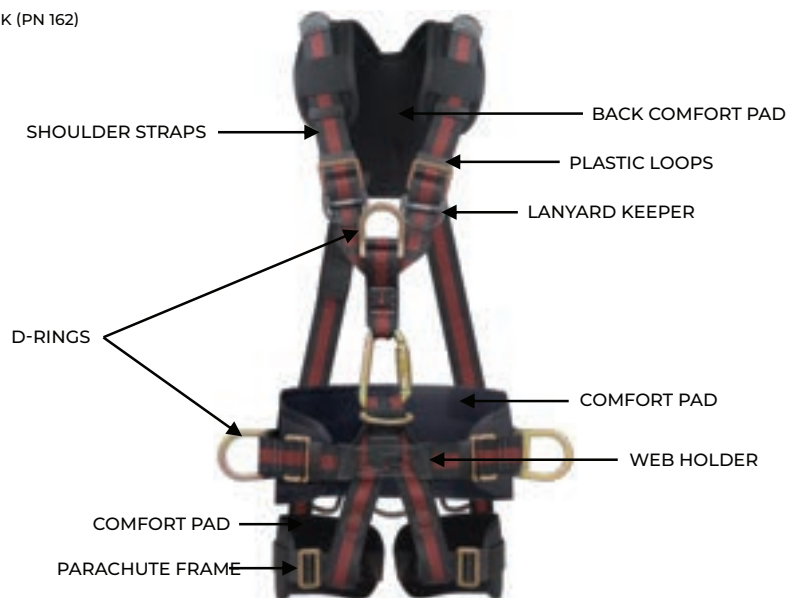
Webbing lanyard incorporated with Energy absorber
Both side of the lanyard equipped with Steel Snap Hook



TOWER HARNESS

DESIGN
One dorsal attachment D-Ring for fall arrest
One front attachment D-Ring at chest for fall arrest
Two lateral D-Rings at waist for positioning
One ventral D-Ring at waist level for rope access
Adjustable shoulder & leg straps
Adjustable waist belt

Comfort pads on leg straps for extended comfort



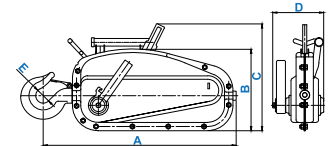
DAESAN[®]

DAESAN wire rope winch is manual winch used with steel wire rope. They can be used to lift, pull and position loads over great distances depending on the wire rope length. They are suitable for use in numerous configurations and are the ideal solution for use in professional applications.

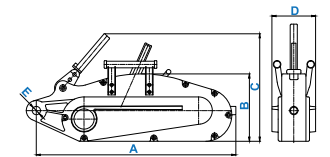
- They are operated by a simple lever.
- Low weight-quick installation.
- No limitation in terms of cable length.
- Manageable, light-weight, robust, powerful.
- Increase load capacity with deflection sheaves.



- The main body and the wire are separated for maximum movement
- Lightweight and durable
- Strong heat treatment
- Hook type for easy operation
- Robust design to withstand overuse

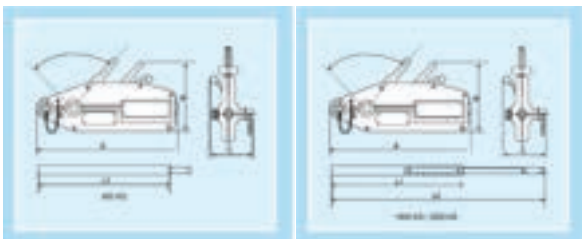


DW15



DW35

TSALA



	800	1600	3200
Rated capacity (kg)	800	1600	3200
Rated forward hand power (N)	341	400	438
Rated forward travel (mm)	52	55	28
Rope diameters (mm)	>8.3	>11	>16
Wire rope safety factor load capacity	5	5	5
Safety factor & Static load capacity	4	4	4
Max pulling load (kg)	1200	2400	400
NET WEIGHT (KG)	6.4	12	23
Max overall size	A	426	545
	B	238	284
	C	64	97
L1 (mm)		692	692
L2 (mm)		1200	1200
L3 (mm)	800		



DONSA



BURKHARD WINCH: RW - I
 380KG CAPACITY
 SINGLE GEAR SOLID STEEL
 GEAR RATIO 3:1
 RATCHET WINCH
 EASY REMOVABLE HANDLE



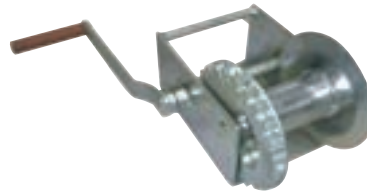
BURKHARD WINCH : RW - ID
 800kg CAPACITY
 DOUBLE GEAR SOLID STEEL
 GEAR RATIO 7:1
 RATCHET WINCH
 EASY REMOVABLE HANDLE



BURKHARD WINCH : RW - IDS
 800kg CAPACITY
 DOUBLE GEAR SOLID STEEL
 RATCHET WINCH
 SELF ENGAGING BRAKE MECHANISM
 "SAFETY WINCH"



BURKHARD WINCH: RW - ISS 316
 STAINLESS STEEL
 308kg CAPACITY
 SINGLE GEAR SOLID STEEL
 GEAR RATIO 3:1
 RATCHET WINCH
 EASY REMOVABLE HANDLE



SHIPSBRAND WINCH
 380kg CAPACITY
 SINGLE GEAR SOLID STEEL
 GEAR RATIO 3.5:1
 RATCHET WINCH



GENERAL PURPOSE WINCH
 385kg
 544kg
 635kg
 725kg
 907kg
 SOLID GEAR DESIGN

SWIVEL HOOK, CARBON STEEL



W.L.L. (TON)	INSIDE LENGTH (MM)	INSIDE WIDTH OF SWIVEL (MM)	NET MASS (KG)	CODE
1	134	38	0.56699	11035
1 1/2	153	44.45	1.02058	14358
2	162	44.45	1.16573	11036
3	188	50.8	2.15456	11037
5	244	63.5	4.66747	11038
7 1/2	283	69.85	7.37088	17173



EYE HOIST HOOK, CARBON STEEL

W.L.L. (TON)	INSIDE LENGTH (MM)	INSIDE WIDTH OF SWIVEL (MM)	NET MASS (KG)	CODE
1	71	16	0.34019	14355
1 1/2	104	28.5	0.56699	17568
2	119	31.75	0.77111	14356
3	147	39.6	1.63293	14357
5	187	50.8	3.21143	14359
7 1/2	230	62	5.8967	17210

DONSA CLIP 10MM - 12MM

The efficient cost effective solution for the installation of wire mesh and lacing in underground development.



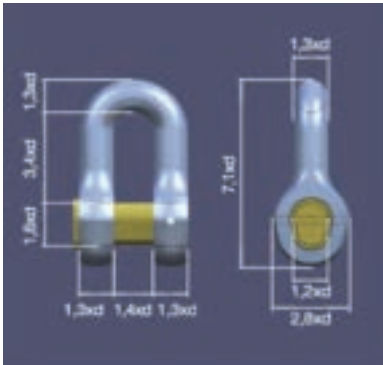
Stud link Chain also referred to as Anchor chain is strong chain and has a short cross-piece (Stud) across its middle which gives the chain extra rigidity and thus increase the lifespan based on fatigue.

Stud link chain is normally used as anchor cable chain, but can also serve the purpose of mooring chain.

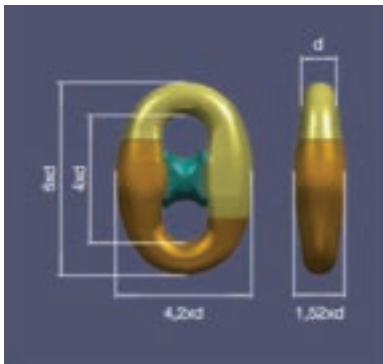
MES stud link chain normally comes in lengths of 27.5 metres and supplied with black bitumen coating and provided in grades U2 and U3.

Our Stud link chain can all be provided with chain link fittings such as Kenter Shackles or Joining shackles, our Studlink chain and fittings come with test certification to all the relevant class societies and Lloyds Approval if required.

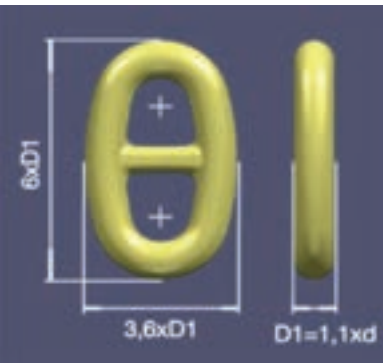
MARINE JOINING SHACKLE



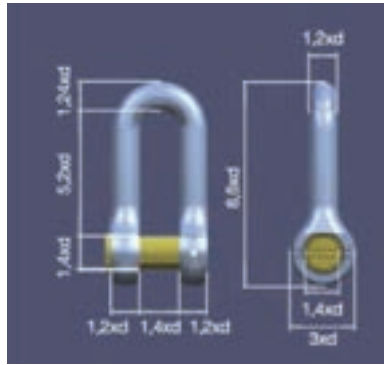
KENTER SHACKLE



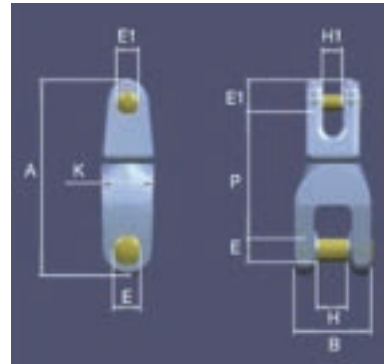
STUD ENLARGED LINK



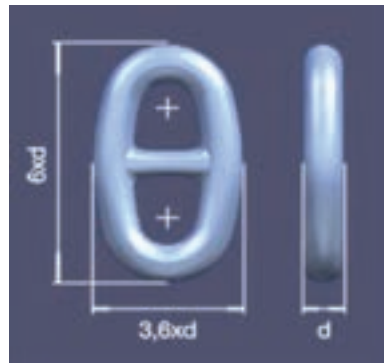
MARINE END JOINING SHACKLE D-TYPE



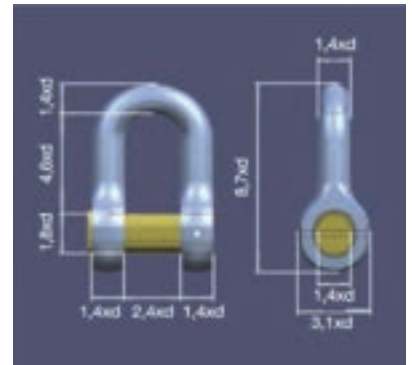
SWIVEL SHACKLE



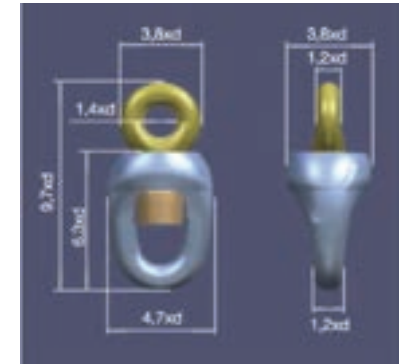
STUD COMMON LINK



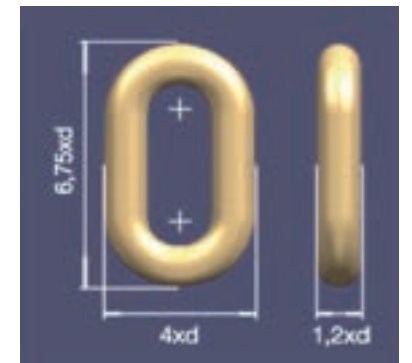
MARINE ANCHOR SHACKLE D-TYPE



SWIVEL



END'LINK





ANCHORS AND ANODES

DANFORTH ANCHOR



SIZE	CODE
SMALL	10106
MEDIUM	10109
LARGE	10111
10KG	10112
15KG	10113
20KG	14553
25KG	18400
30KG	18401

STOCKLESS ANCHOR



SIZE	CODE
30KG	10106
40KG	10109
50KG	10111
75KG	10112
100KG	10113
25KG	14553
150KG	18400
00KG	18401
300KG	18855

FLIP (BRUCE) ANCHOR



SIZE	CODE
2.5KG	10114
3.5KG	10115
5KG	10116
7.5KG	10117
10KG	10118
15KG	10119
20KG	10120
30KG	13890
50KG	17813
75KG	17814

CAST IRON FOLDING ANCHOR



SAND (DELTA) ANCHOR



SIZE	CODE
2.5KG	18835
5KG	18836
7.5KG	18837
10KG	18838
15KG	18839
22KG	18924
30KG	18400
30KG	18842
35KG	18834
50KG	18840
75KG	18841

GRAPNEL ANCHOR (ROCK)



SIZE	CODE
SMALL	10139
MEDIUM	10140
LARGE	10141

ZINC BULLNOSE W/O ANODE



CODE	SIZE/TYPE
16391	1.5KG
15113	7KG
14590	10KG

ZINC BOLT ON ANODE



CODE	SIZE/TYPE
17673	1.5KG
10034	4KG
18912	8KG
17621	10KG
17103	21KG
17102	26KG

ZINC SUGARLOAF W/O ANODE



CODE	SIZE/TYPE
16323	3.5KG

ZINC PEAR W/O ANODE



CODE	SIZE/TYPE
16392	3.5KG
16664	10KG

ZINC RECT BEVEL W/O ANODE



CODE	SIZE/TYPE
16889	17KG

ON REQUEST SIZES CAN BE CUSTOMIZED. ALSO AVAILABLE IN ROUND BAR.

FOAM FENDER

PUNCTURE-PROOF CONSTRUCTION, LONG LIFE PERFORMANCE

These fenders are filled with special micro-bubble foam that creates a 100 percent independent closed-cell structure, which will not absorb water. The fact that they are puncture proof and offer superior elasticity, assures users of the excellent durability of these fenders, even under extremely severe conditions

FENDERS PROTECTION:

- Wire rope covered with pipe
- Synthetic rope
- Cham net with tyres

SECURING:

- Chain, wire or rope to suite vessels or quay side

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



PNEUMATIC FENDER

DIAMETER MM	LENGTH MM	REACTION FORCE MM	ENERGY ABSORPTION KJ	BODY FENDER MASS +- 10% KG
1500	3000	579	153	315
2000	3500	875	308	590
2500	4000	1381	663	1050
2500	4500	1835	857	1250
2500	5000	1902	927	1333
3000	5500	2000	1050	1880
3000	6000	2488	1312	2160
3000	6500	3015	1814	2700





**MARINE
EQUIPMENT
SUPPLIES**

LIFE JACKETS

100N & 150N LIFEJACKET

These lifejackets are suitable for both swimmers and non-swimmers, and are designed for use in inshore as well as offshore and in all but the most severe conditions.

They give reasonable assurance of safety from drowning, to a person not fully capable of helping themselves (ie someone unconscious. However they may not immediately self-right an unconscious person wearing heavy waterproof clothing that might trap air that could counter-act the normal righting moment of the lifejacket's buoyancy.

These lifejackets can be constructed out of foam.

Under EU regulations, these jackets must be constructed out of a bright colored fabric with SOLAS reflective tape stuck to the front and provided with a whistle for attracting attention.



BASKETS

Personnel transfer basket is intended for marine offshore and ship to ship transfers, which increase the safety levels of personnel being lifted between two vessels say ship to ship or ship to boat, between a tanker and a ship, between a vessel and a quayside, between installations and so on.

The transfer of personnel between vessels and installations using personnel baskets has been common practice in the offshore oil and gas industry for many years and the hazards are well known.

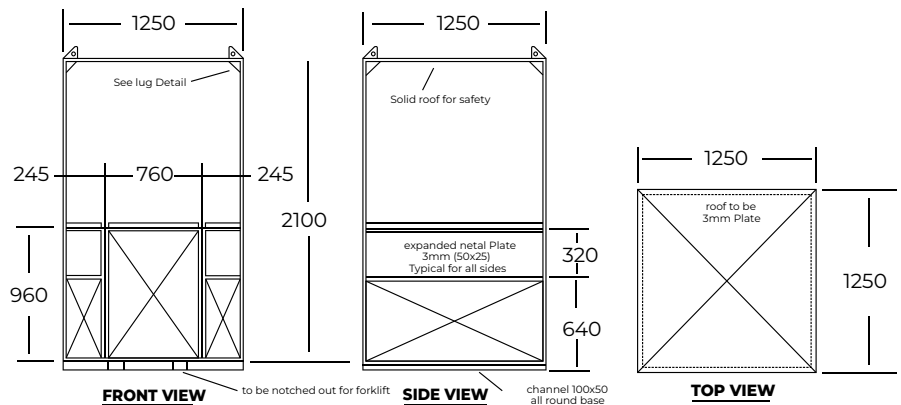
Safety and support at sea is paramount, Marine Equipment Supplies developed a basket with the highest possible safety standards, our basket is constructed to considerably enhance safety for personnel during transfers.

Our baskets are provided with a DV certificate for the witness of load test. For additional information please contact info@coopergroup.co.za

PERSONNEL BASKET



WORKING BASKET



- NOTE**
- All steel hot dip galv
 - Non-slip floor (vastrap 4.5mm)
 - Access gate
 - Safety rail for harness strap
 - Safe working load 450kg
 - Legged SWR sling with safety bow shackles fitted
 - This basket would be certified for on-shore work

FOAM FENDER

ART NO	GROSS BUOYANCY KG	MAX LOAD KG	HEIGHT MM	DIA MM	EYE MM	MASS KG
A1						
A2						
A3						
A4						
A5						
A6						
A7						



DONSA

NETS

POLYPROPYLENE ROPE CARGO NET SLINGS



NET SIZE	2.5M x 2.5M; 3T x 3T
MESH SIZE	200MM x 200MM
RIM ROPE SIZE	24MM DIA
MESH ROPE SIZE	18MM DIA

GANGWAY SAFETY NETS POLYPROPYLENE



NET SIZE	5M x 10M; 4M x 16M
MESH SIZE	150MM
RIM ROPE SIZE	10MM DIA
MESH ROPE SIZE	8MM DIA

WIRE ROPE CARGO NET SLINGS



NET SIZE	2.5M x 2.5M; 3M x 3M
MESH SIZE	200MM x 200MM
WIRE ROPE CONSTRUCTION	6 x 24 GALV
RIM ROPE SIZE	12MM DIA
MESH ROPE SIZE	9MM DIA

CARGO SAFETY NETS



- MADE TO ORDER, PLEASE SPECIFY:**
- Name of synthetic rope
 - Size of overall length and width
 - Size of mesh opening
 - Rope size of rim
 - Rope size of mesh

DONSA

SHIP LADDERS - SPARES

PRODUCT	CODE
Wooden steps (pilot ladder)	12592
Wooden steps spreader (pilot ladder)	12593
Wooden poppets (pilot ladder)	12594
Rubber steps (pilot ladder)	12591
Wooden round steps (Jacob's ladder)	12595
Pilot Ladder (per metre)	12589
Jacob's Ladder (per metre)	12590



ISO 7061

Shipbuilding - Aluminium shore gangways for seagoing vessels.



WIDTH	WIECHT
600MM	28KG/MTR

PILOT LADDER

JACOBS LADDER



ALL PILOT LADDERS MADE TO THE ISO 799:2004(E) STANDARD

CARVER CLAMPS



RACK CLAMPS: THESE ITEMS ARE USED FOR TOUGH JOBS IN ENGINEERING WHICH INCLUDE:

- Fabrication
- Welding
- Machining
- Maintenance
- Tool room application
- The spring loaded jaws stay in position when pressure is removed
- Jaw moves to securely clamp on angle surface
- Working parts not exposed to welding splatter
- No long screws to bend
- Tightening action cannot rotate workpiece

The maximum clamping range is 1350mm



RACK CLAMP

BAR CLAMPS:

As with the Rack clamps the bar clamp allows for clamping large work pieces. The maximum clamping range is 2700mm with standard bar length, however the bars can be lengthened by using the applicable bar connectors



BAR CLAMP

T-SLOT CLAMPS:

- Holds work securely on many machines including
 - Horizontal and vertical boring machines
 - Planers
 - Millers
 - Lathes
 - Power presses
 - Radial drills
- This is quicker, more efficient and safer than using packers and bolts
- no loose pieces
- Can be used at any angle
Head creates a "push" action when reversed
Alternative positioning for fulcrum pin
Maximum clamping height 1500mm



T SLOT CLAMP

MACHINE VICES:

- Effortlessly handles work where conventional vices cannot
- When milling
- Grinding
- General surface operations
- Operate in two planes
- Horizontal-jaw tighten on work
- Vertical-bringing work firmly down onto machine table
- Heavy duty vice enables the full length of the machine bed to be used
- Rotatable fixing bosses allow 360° movement for accurate alignment
- Low profile gives maximum cutter access.



MACHINE VICE

BUTTRESS CLAMPS:

- Holds work securely on many machines



BUTTRESS CLAMP

LOCTITE

APPLICATION SELECTOR CHART / KEURKAART

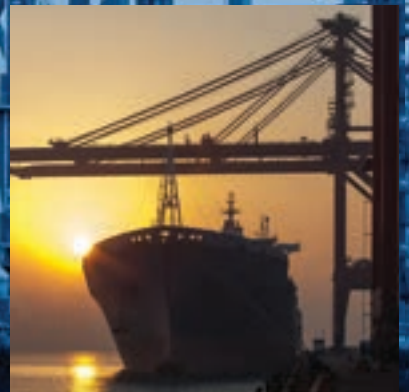
Engineering Supplies is a registered distributor for this range of **LOCTITE** products and are able to guide potential and existing customers in the use and application of the products.

THE LOCTITE RANGE COVERS:

- Threadlocking in various strengths: LOCTITE 222, LOCTITE 243, LOCTITE 270, and LOCTITE 277.
- Retaining of close fitting parts; LOCTITE 603.
- Retaining of cylindrical components: Loctite 638, LOCTITE 648.
- Quick metal: LOCTITE 660
- Gasketing: LOCTITE 518
- Sealing Hydraulic and pneumatic connectors: LOCTITE 542
- Sealing of pipe fittings: LOCTITE 572
- Rapid bonding of rubber and most plastics: LOCTITE 401
- Fast bonding of metals, rubber, plastics: LOCTITE 415, LOCTITE 480
- Glass to glass: LOCTITE CGA1
- Glass to metal/aluminium: LOCTITE 324 with primer
- China to china: LOCTITE 401
- Pottery repair: LOCTITE 496
- Earthenware repair: LOCTITE 496



PRODUCT	GENERAL USAGE
272	Threadlocking 12 to 20mm High temp
277	Threadlocking over 20mm High strength
510	Replace gaskets High temperature
518	Flexible gasket
324	Adhesive for bonding metals, glass substrates high strength
330	Adhesive for general purpose usage
5920	Non corrosive, low odour, non-sagging copper silicone sealer for high temperature gasketing
542	Seals and locks high pressure fittings
577	Seals and locks metal threaded pipes and fittings
641	Retaining of cylindrical parts which require frequent disassembly medium strength
2701	threadlocking 12 to 20mm high strength
290	Locking of preassembled fasteners, weld sealing medium strength
603	Retaining of bearings high strength
638	Retaining of gears, pulleys very high strength
648	Retaining in high temperature very high strength
243	Threadlocking 6 to 12mm Medium strength
222	Threadlocking under 6mm Mild strength
480	Flexible rubber toughened cyanoacrylate with enhanced resistanceto shock loads
593	Silicone sealer for gasketing
660	Repairs to worn cylindrical parts
767	Heavy duty, high temperature, anti seize compound that resists galling, cold welding and corrosion
5699	Non corrosive, low odour, non-sagging gray silicone sealer for gasketing
55	Sealing threaded components such as pipe couplings and fittings up to a maximum of 120mm O.D, with either parallel or Tapered threads which seal against water
401	Cyanoacrylate adhesive for bonding rubber, plastic, wood, paper and other materials
406	Cyanoacrylate adhesive for difficult-to-bond rubbers and plastics
409	Cyanoacrylate Adhesive Gel
415	Cyanoacrylate shock resistant adhesive
420	Low viscosity cyanoacrylate
435	Rubber toughened cyanoacrylate adhesive for a wide range of products including metals, plastics, wood, paper and leather
496	Cyanoacrylate adhesive for general purpose bonding
572	Seals and locks taper threaded fittings
594	Silicone sealer for gasketing
595	Silicone sealer for gasketing
770	Surface treatment for greater adhesion on polyethylene, PTFE,



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