



LIFTFLOW
LIFTING SOLUTIONS

BOKALIFT 1
WINDOFF 1

We are delighted to present the latest edition of the Lift Flow Global catalogue. This catalogue has been thoughtfully curated and refined to better meet the needs of our customers across diverse and growing markets. Our aim is to make high-quality lifting, lashing, handling, and personal safety solutions more accessible, reliable, and efficient for every industry we serve.

Every effort has been made to ensure this catalogue is both concise and comprehensive, providing all essential information to support your decision-making. At Lift Flow Global, continuous improvement is not just a commitment—it is a core principle that drives everything we do.

With a strong network and growing global presence, we are positioned to support you wherever your operations are based. Our team combines technical expertise with practical experience to deliver not only premium products but also dependable guidance and support. As safety and efficiency become increasingly critical, we also offer specialized training programs and technical assistance to help our customers stay ahead.

Beyond delivering products, we strive to build long-term partnerships based on trust, performance, and reliability. We work closely with our customers to provide tailored solutions that address specific challenges, backed by responsive after-sales support to ensure seamless operations.

We hope this catalogue serves as a valuable reference and purchasing guide. Our team is always ready to assist you with any inquiries and looks forward to supporting your business needs.

Put us to the test—we are confident you will not be disappointed.

LIFT FLOW GLOBAL TEAM

WHO WE ARE	2
TABLE OF CONTENTS	3
INTRODUCTION	4
WIRE ROPE SLINGS & ACCESSORIES	5
CHAINSLINGS & ACCESSORIES	17
SYNTHETIC SLINGS & ACCESSORIES	30
WIRE ROPES	37
WIRE ROPE ACCESSORIES	63
HOISTS & MATERIAL HANDLING EQUIPMENT	75
LOAD MEASURING DEVICE	106
LIFTING & LASHING POINTS - BOLTED & WELDED	108
NOTES	116



Lift Flow Global is a forward-thinking company committed to delivering innovative and reliable lifting and material handling solutions. With a strong focus on quality, safety, and performance, we provide a comprehensive range of products and services tailored to meet diverse industrial requirements. Our expertise spans across lifting equipment, rigging solutions, inspection services, and safety certifications, ensuring efficient and secure operations for our clients worldwide. At Lift Flow Global, we combine advanced technology with industry expertise to support businesses in achieving higher productivity and operational excellence.

Our expertise covers a wide range of lifting equipment, rigging solutions, and customized handling systems, supported by advanced engineering and industry best practices. In addition to product supply, we provide inspection, testing, maintenance, and certification services to ensure compliance with global safety standards and optimal equipment performance.

At Lift Flow Global, we combine technical expertise, modern technology, and a customer-centric approach to deliver efficient, safe, and scalable solutions. Our goal is to support businesses in enhancing productivity, reducing risk, and achieving long-term operational success across diverse industrial environments.



LIFTFLOW
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WIRE ROPE SLINGS & ACCESSORIES



1. IMPROPER USE

Incorrect use of wire rope slings can pose serious risks to both personnel and property. Individuals working near or beneath suspended loads are especially vulnerable. Always exercise caution and remain alert when handling suspended loads.

2. BEFORE EACH USE

- Perform a thorough visual inspection of the wire rope sling to identify any signs of damage or wear and ensure it is safe for operation.
- Carefully review and follow all user instructions during use to maintain safety and compliance.

3. DO NOT USE THE PRODUCT IF THE FOLLOWING CONDITIONS EXIST:

- Broken or damaged strands.
- More than 6 broken wires within a length of $6 \times D$.
- More than 14 broken wires within a length of $30 \times D$.
- Hook deformation or expansion exceeding 10%.
- Kinks, bends, distortions, or visible damage affecting the rope structure.
- Loosening of outer layers in the free length.
- Crushing or deformation in the free length or support areas.
- Visible signs of corrosion.
- Severe wear or damage to the rope or end fittings.
- Reduction in rope diameter exceeding 10% of its nominal size.
- Wear, deformation, or damage to pressed fittings.
- Protruding rope ends when using grommets (especially in impact zones).
- Heat damage indicated by discoloration or pitting due to electric arcs.
- Internal corrosion leading to reduced flexibility of the rope.
- Malfunctioning hook locking mechanisms (excluding foundry hooks).

Note: Foundry hooks are designed strictly for specialized applications and must not be connected to anchors or similar fixtures.

4. LOAD WEIGHT & CENTRE OF GRAVITY

- Always determine the weight of the load and its centre of gravity before lifting.
- Ensure the working load limit (WLL) of the wire rope sling is not exceeded.
- Use only ropes with a minimum diameter of 8 mm.
- The inclination angle of each sling leg must not exceed 60° .
- Take into account the reduced WLL based on the number of sling legs and angle of use.

5. ANCHORAGE POINTS

Always use appropriate anchorage points that are strong enough and properly sized for the load being lifted.

6. BASKET HITCH SLINGING ADVISORY

The use of standard basket hitch slinging is strictly prohibited due to stability risks!

The only recognized exceptions to this standard operating procedure are:

a.) Loads of Significant Size (Fig. 2a):

Large loads may be lifted if the physical size and geometry of the object prevent the sling legs from sliding together, and the load cannot shift horizontally.

b.) Bar-Shaped Loads (Fig. 2b):

Long, bar-shaped loads (e.g., rebar bundles) are only permissible in a basket hitch configuration if positive control measures are used to prevent:

- Skewing: The load from twisting or becoming unbalanced.
- Sliding: The sling legs from migrating toward each other.
- Shooting Out: Parts of the bundle from ejecting from the ends.

Fig 1: Symmetrical Load

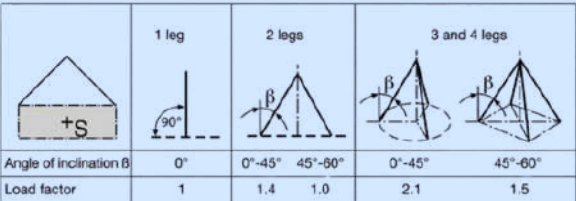


Fig 2: Non-symmetrical Load

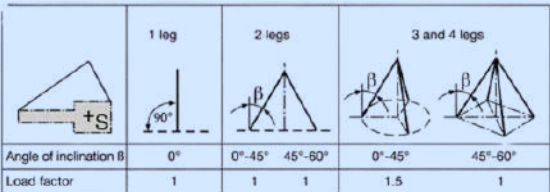


Fig 2a



Fig 2b



7. IDENTIFICATION TAG VERIFICATION

All wire rope slings, including those with test data tags or load indicators, must possess legible data. Slings with missing, unreadable, or illegible data must be removed from service immediately.

8. CRITICAL SAFETY INSTRUCTIONS

- Do not subject swaged ferrules (terminal ends) to bending stresses or mechanical side loads.
- Do not knot wires or drag them over sharp edges. Edges with a radius smaller than the nominal wire rope diameter require protection using an approved edge guard or suitable buffers (e.g., Fig. 3 & Fig. 4).
- Attached loads must not be welded on without an isolating connection to prevent electrical current from damaging the sling
- Loops, master links, and thimbles must be freely movable and properly aligned on the crane hook before the lift begins (Fig. 5).
- Never place strain on the narrow ends (point) of hooks.
- The load must only be hoisted from the base of the hook and apply force directly in the direction of the load.
- The maximum allowable sewn termination opening angle is 20°.h.)
- No Grasping: Do not grasp a sling directly under the load strapping.

Fig 3

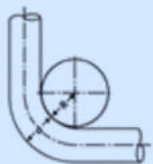
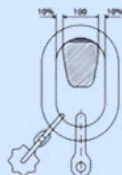


Fig 4



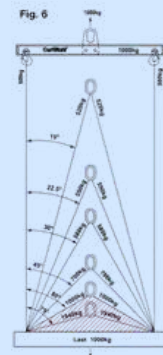
Fig 5



9. ADJUSTMENTS FOR DEVIATIONS FROM NORMAL CONDITIONS

Operating conditions outside of standard vertical lifts require you to reduce the Working Load Limit (WLL) to ensure safety. You must apply the following reductions:

- **Non-Symmetrical Loads:** If a load is unevenly distributed, the WLL must be adjusted using specific load-lifting reduction factors.
- **Choker Hitch:** Applying a choker hitch configuration requires a mandatory 20% reduction in the WLL.
- **Angles of Inclination (Fig. 6):** As the angle of the sling legs increases, the effective capacity decreases.
- **0° to 45°:** Reduce WLL by 30%.
- **45° to 60°:** Reduce WLL by 50%.
- **Prohibited:** Angles of inclination exceeding 60° are strictly forbidden.
- **Temperature Extremes:** These load limits apply to standard temperatures. If the environment is outside the range of -40°C to +100°C, consult with Lift Flow Global for adjusted ratings.



10. CORROSIVE ENVIRONMENTS

The use of wire rope slings in acidic or alkaline environments is prohibited. Corrosion can cause invisible pitting between the wire strands, leading to catastrophic failure without outward warning signs.

- **Mechanical Damage:** Evidence of crushing, deep indentations, or cracks.
- **Deformation:** Any visible bending, twisting, or permanent impressions in the material.
- **Material Reduction:** Any cross-sectional reduction of 5% or more on eyelets, bolts, or shackle/hook brackets.
- **Terminal Damage:** Any wear, deformation, or cracking detected on the ferrules or extended splices.

12. INSPECTION AND MAINTENANCE STANDARDS

- **Qualified Personnel:** Only trained, qualified individuals are authorized to conduct inspections and repairs.
- **Intervals:** Formal inspections must occur at least every 6 months.
- **Fittings:** All hardware (hooks, shackles, links) must be thoroughly inspected for cracks at each interval.
- **Service & Repairs:** Any necessary repairs or recertifications must be implemented by Lift Flow Global.
- **Local Regulations:** If the equipment is in continuous, high-intensity use, you are required to shorten the inspection intervals in accordance with local safety regulations.

PROCUREMENT GUIDE: HOW TO ORDER

When placing an order with Lift Flow Global, ensure your purchase order contains the following specific technical details to ensure you receive the correct assembly:

- Model Number: Specify the required sling type.
- Total Length (L): Measure from bearing point to bearing point.
- Rope Diameter: Provide in mm.
- End Terminations: Define required eye treatments.
- Fittings: List specialized hardware (e.g., choker hooks, shackles). Standard includes oblong alloy steel links.
- Note: Multi-part slings require a minimum body length of 40 X rope diameter between splices.

CORE SAFETY PROTOCOLS:

- Mandatory Inspection: Thoroughly check for wear, damage, or abuse before every use.
- Zero-Tolerance: Never use a sling that is worn-out, damaged, or has been abused.
- Strict Load Limits: Never exceed the assembly's rated Working Load Limit (WLL).
- Choker Hitch Warning: Applying a choker hitch reduces load capacity by 20%.
- Ongoing Education: Understand all manufacturer safety bulletins and comply with local regulations regarding inspection and removal criteria.
- Identification: Metal tags are essential for verifying rated capacity; ensure they are present and legible.

CRITICAL SAFETY ADVISORY: "PROTECT YOURSELF"

Prioritize safety at all times. Before installing wire rope, wire rope slings, or assemblies in any application, carefully read and follow the warning labels and instructions provided with each product.



Damaged, overloaded, misused, or poorly maintained wire rope can fail suddenly, causing serious injury or death.

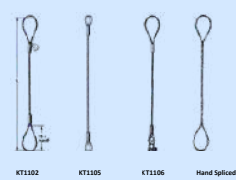
For Safety:

- Inspect wire rope before each use.
- Never use damaged or worn rope.
- Do not exceed the rated load capacity.
- Follow manufacturer instructions and safety guidelines.
- Comply with all inspection and removal criteria.

STANDARD : BS EN 13414 - 1 , ASME B30.9

Availbale Variants:

- **KT1102** – Wire Rope Sling with Pressed Loops
- **KT1105** – Wire Rope Sling with Pressed Thimble
- **KT1106** – Wire Rope Sling with Pressed Loop and Shackle
- **Hand Spliced** – Wire Rope Sling with Hand Spliced Loops

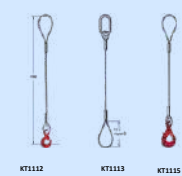


Rope ϕ in mm	WLL Single direct in kg	Item no	Item no	Item no
8	750	$\leq$ T1102.01.08	KT1105.01.08	KT1106.01.08
10	1300	$\leq$ T1102.01.10	KT1105.01.10	KT1106.01.10
12	1800	$\leq$ T1102.01.12	KT1105.01.12	KT1106.01.12
13	2100	$\leq$ T1102.01.13	KT1105.01.13	KT1106.01.13
14	2500	$\leq$ T1102.01.14	KT1105.01.14	KT1106.01.14
16	3300	$\leq$ T1102.01.16	KT1105.01.16	KT1106.01.16
19	4600	$\leq$ T1102.01.18	KT1105.01.18	KT1106.01.18
20	5100	$\leq$ T1102.01.20	KT1105.01.20	KT1106.01.20
22	6200	$\leq$ T1102.01.22	KT1105.01.22	KT1106.01.22
24	7400	$\leq$ T1102.01.24	KT1105.01.24	KT1106.01.24
26	8600	$\leq$ T1102.01.26	KT1105.01.26	KT1106.01.26
28	10000	$\leq$ T1102.01.28	KT1105.01.28	KT1106.01.28
32	13100	$\leq$ T1102.01.32	KT1105.01.32	KT1106.01.32
36	1600	$\leq$ T1102.01.36	KT1105.01.36	KT1106.01.36
38	18500	$\leq$ T1102.01.40	KT1105.01.40	KT1106.01.40
44	25000	$\leq$ T1102.01.44	KT1105.01.44	KT1106.01.44
52	35000	$\leq$ T1102.01.48	KT1105.01.48	KT1106.01.48

Higher load capacities available on request. Please contact us.

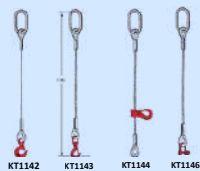
Availbale Variants:

- **KT1112** – Wire Rope Sling with Pressed Loops & safety eye hooks.
- **KT1113** – Wire Rope Sling with Master link & pressed loops
- **KT1115** – Wire Rope Sling with Pressed Loop & self-locking eye hook



Rope ϕ in mm	WLL Single direct in kg	Item no	Item no	Item no
8	750	KT1112.01.08	KT1113.01.08	KT1115.01.08
10	1300	KT1112.01.10	KT1113.01.10	KT1115.01.10
12	1800	KT1112.01.12	KT1113.01.12	KT1115.01.12
13	2100	KT1112.01.13	KT1113.01.13	KT1115.01.13
14	2500	KT1112.01.14	KT1113.01.14	KT1115.01.14
16	3300	KT1112.01.16	KT1113.01.16	KT1115.01.16
19	4600	KT1112.01.18	KT1113.01.18	KT1115.01.18
20	5100	KT1112.01.20	KT1113.01.20	KT1115.01.20
22	6200	KT1112.01.22	KT1113.01.22	KT1115.01.22
24	7400	KT1112.01.24	KT1113.01.24	KT1115.01.24
26	8600	KT1112.01.26	KT1113.01.26	KT1115.01.26
28	10000	KT1112.01.28	KT1113.01.28	KT1115.01.28
32	13100	KT1112.01.32	KT1113.01.32	KT1115.01.32
36	1600	KT1112.01.36	KT1113.01.36	KT1115.01.36
38	18500	KT1112.01.40	KT1113.01.40	KT1115.01.40
44	25000	KT1112.01.44	KT1113.01.44	-
52	35000	KT1112.01.48	KT1113.01.48	-

Higher load capacities available on request. Please contact us.



Availbale Variants:

- **KT1142** – Wire rope sling with master link and safety eye hook
- **KT1143** – Wire rope sling with master link and safety eye hook with swivel
- **KT1144** – Wire rope sling with master link, pressed thimble and choker hook
- **KT1146** – Wire rope sling with master link and shackle

Rope ϕ in mm	WLL Single direct in kg	Item no	Item no	Item no	Item no
8	750	KT1142.01.08	KT1143.01.08	KT1144.01.08	KT1146.01.08
10	1300	KT1142.01.10	KT1143.01.10	KT1144.01.10	KT1146.01.10
12	1800	KT1142.01.12	KT1143.01.12	KT1144.01.12	KT1146.01.12
13	2100	KT1142.01.13	KT1143.01.13	KT1144.01.13	KT1146.01.13
14	2500	KT1142.01.14	KT1143.01.14	KT1144.01.14	KT1146.01.14
16	3300	KT1142.01.16	KT1143.01.16	KT1144.01.16	KT1146.01.16
19	4600	KT1142.01.18	KT1143.01.18	KT1144.01.18	KT1146.01.18
20	5100	KT1142.01.20	KT1143.01.20	KT1144.01.20	KT1146.01.20
22	6200	KT1142.01.22	KT1143.01.22	KT1144.01.22	KT1146.01.22
24	7400	KT1142.01.24	KT1143.01.24	KT1144.01.24	KT1146.01.24
26	8600	KT1142.01.26	KT1143.01.26	-	KT1146.01.26
28	10000	KT1142.01.28	KT1143.01.28	-	KT1146.01.28
32	13100	KT1142.01.32	KT1143.01.32	-	KT1146.01.32
36	1600	KT1142.01.36	KT1143.01.36	-	KT1146.01.36
38	18500	KT1142.01.40	KT1143.01.40	-	KT1146.01.40
44	25000	KT1142.01.44	KT1143.01.44	-	KT1146.01.44
52	35000	KT1142.01.48	KT1143.01.48	-	KT1146.01.48

Higher load capacities available on request. Please contact us.



Availbale Variants:

- **KT1148** – Wire rope sling with master link and pressed thimble
- **KT1149**– Wire rope sling with master link both ends
- **KT1170**– Wire rope sling with pressed loop and pressed thimble

Rope ϕ in mm	WLL Single direct in kg	Item no	Item no	Item no
8	750	KT1148.01.08	KT1149.01.08	KT1170.01.08
10	1300	KT1148.01.10	KT1149.01.10	KT1170.01.10
12	1800	KT1148.01.12	KT1149.01.12	KT1170.01.12
13	2100	KT1148.01.13	KT1149.01.13	KT1170.01.13
14	2500	KT1148.01.14	KT1149.01.14	KT1170.01.14
16	3300	KT1148.01.16	KT1149.01.16	KT1170.01.16
19	4600	KT1148.01.18	KT1149.01.18	KT1170.01.18
20	5100	KT1148.01.20	KT1149.01.20	KT1170.01.20
22	6200	KT1148.01.22	KT1149.01.22	KT1170.01.22
24	7400	KT1148.01.24	KT1149.01.24	KT1170.01.24
26	8600	KT1148.01.26	KT1149.01.26	KT1170.01.26
28	10000	KT1148.01.28	KT1149.01.28	KT1170.01.28
32	13100	KT1148.01.32	KT1149.01.32	KT1170.01.32
36	1600	KT1148.01.36	KT1149.01.36	KT1170.01.36
38	18500	KT1148.01.38	KT1149.01.40	KT1170.01.40
44	25000	KT1148.01.44	KT1149.01.44	KT1170.01.44
52	35000	KT1148.01.52	KT1149.01.48	KT1170.01.48

Higher load capacities available on request. Please contact us.

Availbale Variants:



KT1214 – 2-leg wire rope sling with loops



KT1215 – 2-leg wire rope sling with safety eye hook



KT1230 – 2-leg wire rope sling consisting of 1 master link & 2 wire rope loops

Wire rope slings according to DIN EN 13414-1 are manufactured and tested in accordance with the current requirements. Fittings and rope match exactly to guarantee the indicated load capacity. Strict quality control and clear marking ensure highest possible safety. Different configurations and lengths are available according to your individual requirements.

Rope ø in mm	Load capacity 2 leg in kg (at angle 0–45°)	Item no	Item no
8	1000	KT1214.01.08	KT1215.01.08
10	1830	KT1214.01.10	KT1215.01.10
12	2520	KT1214.01.12	KT1215.01.12
13	3000	KT1214.01.13	KT1215.01.13
14	3500	KT1214.01.14	KT1215.01.14
16	4600	KT1214.01.16	KT1215.01.16
19	6400	KT1214.01.18	KT1215.01.18
20	7100	KT1214.01.20	KT1215.01.20
22	8700	KT1214.01.22	KT1215.01.22
24	10300	KT1214.01.24	KT1215.01.24
26	12000	KT1214.01.26	KT1215.01.26
28	14000	KT1214.01.28	KT1215.01.28
32	18300	KT1214.01.32	KT1215.01.32

Higher load capacities available on request. Please contact us.

Availbale Variants:



KT1216 – 2-leg wire rope sling with shackle



KT1217– 2-leg wire rope sling with self-locking eye hook



KT1218– 2-leg wire rope sling with foundry hook

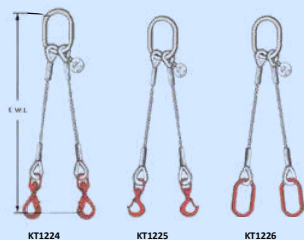


KT1219– 2-leg wire rope sling with safety hook

Wire rope slings according to DIN EN 13414-1 are manufactured and tested in accordance with the current requirements. Fittings and rope match exactly to guarantee the indicated load capacity. Strict quality control and clear marking ensure highest possible safety. Different configurations and lengths are available according to your individual requirements.

Rope ø in mm	Load capacity 2 leg in kg (at angle 0–45°)	Item no	Item no	Item no	Item no
8	1000	KT1216.01.08	KT1217.01.08	KT1218.01.08	KT1219.01.08
10	1830	KT1216.01.10	KT1217.01.10	KT1218.01.10	KT1219.01.10
12	2520	KT1216.01.12	KT1217.01.12	KT1218.01.12	KT1219.01.12
13	3000	KT1216.01.13	KT1217.01.13	KT1218.01.13	KT1219.01.13
14	3500	KT1216.01.14	KT1217.01.14	KT1218.01.14	KT1219.01.14
16	4600	KT1216.01.16	KT1217.01.16	KT1218.01.16	KT1219.01.16
19	6400	KT1216.01.18	KT1217.01.18	KT1218.01.18	KT1219.01.18
20	7100	KT1216.01.20	KT1217.01.20	KT1218.01.20	KT1219.01.20
22	8700	KT1216.01.22	KT1217.01.22	KT1218.01.22	KT1219.01.22
24	10300	KT1216.01.24	KT1217.01.24	KT1218.01.24	KT1219.01.24
26	12000	KT1216.01.26	KT1217.01.26	KT1218.01.26	KT1219.01.26
28	14000	KT1216.01.28	KT1217.01.28	KT1218.01.28	KT1219.01.28
32	18300	KT1216.01.32	KT1217.01.32	KT1218.01.32	KT1219.01.32

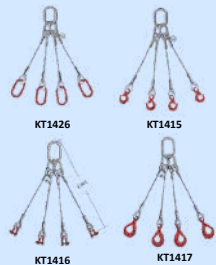
Higher load capacities available on request. Please contact us.



Availbale Variants:

- **KT1224** – 2-leg wire rope sling with swivel hook
- **KT1225** – 2-leg wire rope sling with safety eye hook with swivel
- **KT1226** – 2-leg wire rope sling with master links

Rope ϕ in mm	Load capacity 2 leg in kg (at angle 0–45°)	Item no	Item no	Item no
8	1000	KT1224.01.08	KT1225.01.08	KT1226.01.08
10	1830	KT1224.01.10	KT1225.01.10	KT1226.01.10
12	2520	KT1224.01.12	KT1225.01.12	KT1226.01.12
13	3000	KT1224.01.13	KT1225.01.13	KT1226.01.13
14	3500	KT1224.01.14	KT1225.01.14	KT1226.01.14
16	4600	KT1224.01.16	KT1225.01.16	KT1226.01.16
19	6400	KT1224.01.18	KT1225.01.18	KT1226.01.18
20	7100	KT1224.01.20	KT1225.01.20	KT1226.01.20
22	8700	KT1224.01.22	KT1225.01.22	KT1226.01.22
24	10300	KT1224.01.24	KT1225.01.24	KT1226.01.24
26	12000	KT1224.01.26	KT1225.01.26	KT1226.01.26
28	14000	KT1224.01.28	KT1225.01.28	KT1226.01.28
32	18300	KT1224.01.32	KT1225.01.32	KT1226.01.32



Availbale Variants:

- **KT1426**– 4-leg wire rope sling with master links
- **KT1415**– 4-leg wire rope sling with safety eye hook
- **KT1416**– 4-leg wire rope sling with shackle
- **KT1417**– 4-leg wire rope sling with self-locking eye hook

Rope ϕ in mm	Load capacity 2 leg in kg (at angle 0–45°)	Item no	Item no
8	1500	KT1426.01.08	KT1416.01.08
10	2700	KT1426.01.10	KT1416.01.10
12	3780	KT1426.01.12	KT1416.01.12
13	4400	KT1426.01.13	KT1416.01.13
14	5250	KT1426.01.14	KT1416.01.14
16	6900	KT1426.01.16	KT1416.01.16
19	9700	KT1426.01.18	KT1416.01.18
20	10700	KT1426.01.20	KT1416.01.20
22	13000	KT1426.01.22	KT1416.01.22
24	15500	KT1426.01.24	KT1416.01.24
26	18000	KT1426.01.26	KT1416.01.26
28	21000	KT1426.01.28	KT1416.01.28
32	27500	KT1426.01.32	KT1416.01.32

Rope ϕ in mm	Load capacity 2 leg in kg (at angle 0–45°)	Item no	Item no
8	1500	KT1415.01.08	KT1417.01.08
10	2700	KT1415.01.10	KT1417.01.10
12	3780	KT1415.01.12	KT1417.01.12
13	4400	KT1415.01.13	KT1417.01.13
14	5250	KT1415.01.14	KT1417.01.14
16	6900	KT1415.01.16	KT1417.01.16
19	9700	KT1415.01.18	KT1417.01.18
20	10700	KT1415.01.20	KT1417.01.20
22	13000	KT1415.01.22	KT1417.01.22
24	15500	KT1415.01.24	KT1417.01.24
26	18000	KT1415.01.26	KT1417.01.26
28	21000	KT1415.01.28	KT1417.01.28
32	27500	KT1415.01.32	KT1417.01.32

Higher load capacities available on request. Please contact us.

SLINGS : 4-LEG WIRE ROPE SLINGS



KT1418– 4-LEG WIRE ROPE
SLING WITH FOUNDRY HOOKS



KT1424– 4-LEG WIRE ROPE
SLING WITH SWIVEL HOOK



KT1419– 4-LEG WIRE ROPE
SLING WITH SAFETY HOOK



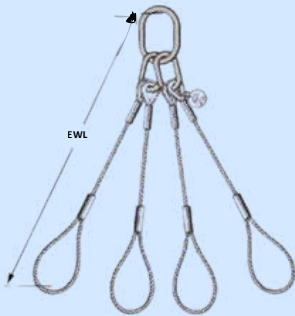
KT1425– 4-LEG WIRE ROPE SLING WITH
SAFETY EYE HOOK WITH SWIVEL



Rope ϕ in mm	Load capacity 2 leg in kg (at angle 0–45°)	Item no	Item no
8	1500	KT1418.01.08	KT1424.01.08
10	2700	KT1418.01.10	KT1424.01.10
12	3780	KT1418.01.12	KT1424.01.12
13	4400	KT1418.01.13	KT1424.01.13
14	5250	KT1418.01.14	KT1424.01.14
16	6900	KT1418.01.16	KT1424.01.16
19	9700	KT1418.01.18	KT1424.01.18
20	10700	KT1418.01.20	KT1424.01.20
22	13000	KT1418.01.22	KT1424.01.22
24	15500	KT1418.01.24	KT1424.01.24
26	18000	KT1418.01.26	KT1424.01.26
28	21000	KT1418.01.28	KT1424.01.28
32	27500	KT1418.01.32	KT1424.01.32

Rope ϕ in mm	Load capacity 2 leg in kg (at angle 0–45°)	Item no	Item no
8	1500	KT1419.01.08	KT1425.01.08
10	2700	KT1419.01.10	KT1425.01.10
12	3780	KT1419.01.12	KT1425.01.12
13	4400	KT1419.01.13	KT1425.01.13
14	5250	KT1419.01.14	KT1425.01.14
16	6900	KT1419.01.16	KT1425.01.16
19	9700	KT1419.01.18	KT1425.01.18
20	10700	KT1419.01.20	KT1425.01.20
22	13000	KT1419.01.22	KT1425.01.22
24	15500	KT1419.01.24	KT1425.01.24
26	18000	KT1419.01.26	KT1425.01.26
28	21000	KT1419.01.28	KT1425.01.28
32	27500	KT1419.01.32	KT1425.01.32

Higher load capacities available on request. Please contact us.



KT1414– 4 leg wire rope slings with loop



KT1415– Braided wire rope sling

Rope ϕ in mm	Load capacity 2 leg in kg (at angle 0–45°)	Item no
8	1500	KT1414.01.08
10	2700	KT1414.01.10
12	3780	KT1414.01.12
13	4400	KT1414.01.13
14	5250	KT1414.01.14
16	6900	KT1414.01.16
19	9700	KT1414.01.18
20	10700	KT1414.01.20
22	13000	KT1414.01.22
24	15500	KT1414.01.24
26	18000	KT1414.01.26
28	21000	KT1414.01.28
32	27500	KT1414.01.32



KT1197

- Highly flexible cable laid wire rope sling as endless grommet according to BS EN 13414-3
- Wire rope constructed with steel core, tensile strength 1960 N/mm², minimum bending radius: 2 × Ø
- Table G.1 — Working load limits for cable-laid endless slings (grommets) made of wire ropes with steel core of classes 6×19 and 6×36

Endless Sling (Grommet)		
Angle to vertical	0	0
	direct	choke hitch
Nominal		
Rope diameter		
mm	t	t
2 4	9	7
27	11.5	9
30	14	11
33	17	13.5
36	20	16
39	23.5	19
42	27	21.5
48	35.5	28.5
54	45	36
60	55.5	44.5
66	69	55
72	84	68
78	102	81
84	121	97
90	144	115
96	168	135
102	196	157
108	227	182
114	262	210
Calculation Factors	2	1.6

- Rope ø 24-60 mm: Safety factor 5
- Rope ø 66-132 mm: Safety factor 4,9-3
- Rope ø up to 470 mm available on request.
Please contact us.



CHAINSLINGS & ACCESSORIES



1. IMPROPER USE

Improper use of chain slings can cause injury or property damage. Keep clear of suspended loads.

- Only use compatible components approved by the manufacturer, and ensure assembly is performed by qualified personnel.

2. BEFORE EACH USE

- Inspect the chain sling for damage or wear.
- Follow the manufacturer's instructions and safety guidelines.

3. DO NOT USE THE PRODUCT IF THE FOLLOWING CONDITIONS EXIST:

- The chain or components are cracked, bent, twisted, stretched, or damaged.
- Chain elongation exceeds 5%.
- Material thickness is reduced by more than 10%.
- Hooks, shackles, or fittings show excessive wear or damage.
- Hook opening has increased by more than 10%.

The hook safety latch is faulty.

4. LOAD WEIGHT & CENTRE OF GRAVITY

- Never exceed the Working Load Limit (WLL).
- Keep sling leg angles below 60° (fig 1).
- Secure unused sling legs in the suspension head.

Fig 1:
Symmetrical
Load

	1 leg	2 legs	3 and 4 legs
Angle of incline β	0°	0°-45° 45°-60°	0°-45° 45°-60°
Load factor	1	1.4 1.0	2.1 1.5

Fig 2: Non-
symmetrical
Load

	1 leg	2 leg	3 and 4 leg
Angle of incline β	0°	0°-45° 45°-60°	0°-45° 45°-60°
Load factor	1	1 1	1.5 1

5. ANCHORAGE POINTS

Use only lifting points that are suitable for the load and have sufficient strength and size.

6. CHAIN SHORTENING

Chain shortening must only be carried out using approved shortening hooks or claws that comply with BS EN 1677-1. Ensure the force is applied correctly and securely at all times. Incorrect shortening methods can result in load instability or load drop.

7. IDENTIFICATION TAG VERIFICATION

Do not use chain slings that are missing identification tags or have tags that are damaged, unreadable, or illegible.

8. CRITICAL SAFETY INSTRUCTIONS

- Straighten any twisted chains before lifting.
- Avoid dragging chains across sharp edges; use edge protection where required. (fig 2,3)
- Never weld loads directly to the chain sling.
- Ensure suspension rings move freely on the crane hook. (fig 4)
- Position hooks correctly in the bowl of the hook, not on the tip.
- Lift loads from the base of the hook and in line with the load direction.
- Remove the sling from service if three adjacent outer wires are broken.
- Do not subject chain components to bending forces.
- Basket hitch lifting is permitted only when the load cannot slip. (fig 5)
- Never place hands or body parts beneath a suspended load.



Fig 2



Fig 3



Fig 4

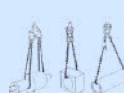


Fig 5

9. ADJUSTMENTS FOR DEVIATIONS FROM NORMAL CONDITIONS

The Working Load Limit (WLL) must be reduced in the following situations:

- Non-symmetrical loads: Apply reduced load factors.
- Choker hitch use: Reduce WLL by 20% (lifting factor = 0.8).
- Collar chain configuration: Follow the recommended reduction factors.

Support Diameter Requirements

- The support radius should be at least 2 × the chain diameter.
- For chains bearing directly on support arms, a support diameter greater than 3 × the chain pitch is recommended.
- If a smaller support diameter is used, reduce the WLL by 50%.



Fig 6



Fig 7

- Temperature Limits

WLL	WLL 100%	WLL 90%	WLL 60%
Grade 8	-40°C to +200°C	Over 200°C to 300°C	Over 300°C to 400°C
WLL	WLL 100%	WLL 90%	WLL 60%
Grade 10	-40°C to +200°C	Over 200°C to 300°C	Over 300°C to 380°C
Grade 12 ICE	-60°C to +200°C	Over 200°C to 250°C	Over 250°C to 300°C

10. RESTRICTIONS ON THE USE OF CHAIN SLINGS

Chain slings of Grade 8, Grade 10, and Grade 12 must not be used in environments containing acids, alkalis, pickling facilities, galvanizing plants, or other corrosive conditions. These environments can cause hidden corrosion, hydrogen embrittlement, or cracking within the chain components.

For such applications, Grade 6 stainless steel chain slings are recommended. Please note that Grade 6 slings have lower Working Load Limits (WLL) but are suitable for explosion-proof and corrosive environments.

11. CHAIN RECORD CARD (SUPPLIED WITH DELIVERY)

Each chain sling is supplied with a chain record card containing product-specific information, including:

- Initial registration details
- Inspection dates
- Repair and maintenance records
- Reasons for any repairs or corrective actions

The record card helps users monitor the condition and service history of the chain sling throughout its operational life. It also serves as documented evidence for workplace safety compliance, inspections, insurance requirements, and accident prevention measures in accordance with applicable machinery and safety regulations.

12. CHAIN SLING INSPECTION AND REPAIR

- Inspections and repairs must only be carried out by qualified personnel.
- A thorough inspection should be performed at least every six months.
- Chains must be checked regularly to ensure they are free from cracks, wear, and other defects.
- Repairs and implementation of corrective actions should be performed by the manufacturer or an authorized service provider.

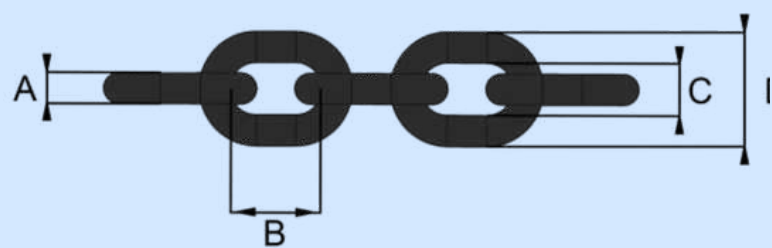
Important:

For chain slings that are used continuously or under demanding operating conditions, inspection intervals should be reduced in accordance with workplace safety regulations and risk assessment requirements.

ACCESSORIES : CHAIN, MASTER LINKS & ASSEMBLIES - G80

G8 LIFTING CHAIN

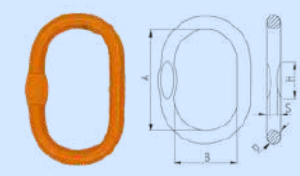
Lift Flow Global G8 Lifting Chain is proof tested to 2.5 times its Working Load Limit (WLL) and is available in sizes from 7 mm to 32 mm. Each chain features G8 markings and batch traceability for quality assurance. Suitable for temperatures from -40°C to +200°C without WLL reduction, it is finished with a durable black coating and designed for use in the Lift Flow Global G8 Chain Sling System.



Part Code	A mm	B mm	C mm	D mm	WLL tonnes	kgs per mtr	Mtr per drum
KT1.070.5	7	21	9.1	25.9	1.5	1.1	500
KT1.080.5	8	24	10.4	29.6	2	1.5	350
KT1.100.5	10	30	13	37	3.15	2.2	250
KT1.130.5	13	39	16.9	48.1	5.3	3.8	150
KT1.160.5	16	48	20.8	59.2	8	5.8	100
KT1.200.5	20	60	26	74	12.5	9.1	60
KT1.220.5	22	66	28.6	81.4	15	11	50
KT1.260.5	26	78	33.8	96.2	21.2	15.3	30
KT1.320.5	32	96	41.6	118	31.5	23.2	30.5



G80 ALLOY STEEL MASTER LINK

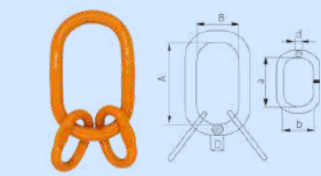


Features :

- The standard for production and testing: EN1677-4 (replacement of DIN5688-3).
- It is forged by special alloy steel with high intensity and high toughness, and then it is heat treated.

Code	Weight (Kg)	WLL (t)	A	B	D	S	H
KT16ML	0.6	4.1	120	70	16	9	70
KT20ML	1.1	6.7	150	80	20	11	50
KT20MLL	1.25	6.5	170	90	20	11	70
KT22ML	1.53	8.2	170	90	22	11	70
KT22MLL	1.83	5.8	270	140	22	12	70
KT25ML	2.21	10.7	190	100	25	12	80
KT28ML	3.06	12.9	210	110	28	13	80
KT28MLL	3.81	11.8	270	140	28	15	70
KT32ML	5.05	17.1	270	140	32	15	70
KT38ML	7.3	28.1	270	140	38	17	55
KT38MLL	10.78	19.1	420	220	38	20	55
KT45ML	12.2	38.3	320	170	45	20	60
KT45MLL	18	27.6	470	250	45	25	60
KT50ML	17.65	45	380	200	50	24	
KT60ML	28.85	65.3	430	220	60		
KT64ML	30.7	72.6	406	203	63.5		
KT76ML	52	103	457	229	76.2		

G80 ALLOY STEEL MASTER LINK ASSEMBLY

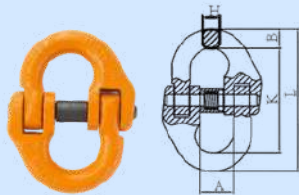


Features :

- The standard for production and testing: EN1677-4 (replacement of DIN5688-3).
- It is forged by special alloy steel with high intensity and high toughness, and then it is heat treated.

Code	Weight (Kg)	WLL (t)	A	B	D	a	b	d
KT20QA	2.41	6.5	170	90	20	120	70	16
KT22QA	3.77	8.2	170	90	22	150	80	20
KT22QAL	3.3	5.8	270	140	22	150	75	16
KT25QA	4.45	10.7	190	100	25	150	80	20
KT28QA	6.12	12.9	210	110	28	170	90	22
KT28QAL	7.2	11.8	270	140	28	150	70	20
KT32QA	9.47	17.1	270	140	32	190	100	25
KT38QA	17.4	28.1	270	140	38	270	140	32
KT38QAL	15	17	420	220	38	180	100	25
KT45QA	26.76	38.3	320	170	45	270	140	38
KT50QA	33.2	45	380	200	50	270	140	38
KT60QA	65.2	65.3	430	220	50	380	200	50

CONNECTING LINK

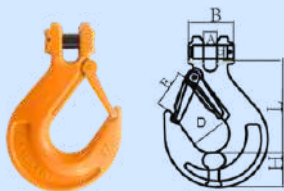


Features :

- It is forged by special alloy steel with high intensity and high toughness, and then it is heat treated;
- It can be matched with sling and G80 chains which can meet the standard EN818-2.

Item Code	Weight (kg)	Woring Load Limit (t)	Breaking Load (t)	A±1.5	B±1	L±2.5	K±2	H±1
8-KT074-06	0.08	1.12	4.48	15	7.5	58	42	7
8-KT074-7	0.145	1.5	6	19	8.5	71.8	54.8	8.5
8-KT074-7/8	0.146	2	8	18	9.5	79.5	60.5	8.5
8-KT074-8	0.16	2	8	19.5	9.5	79.5	60.5	8.5
8-KT074-10	0.30	3.15	12.6	25	12	90.5	68	11.5
8-KT074-13	0.65	5.3	21.2	29	15	117	87	15
8-KT074-16	1.15	8	32	34.5	19.8	148	108.4	19.8
8-KT074-18	1.84	10	40	38	21	154	112	21
8-KT074-20	2.1	12.5	50	41	24	169.5	121.5	24
8-KT074-22	2.87	15	60	48	26	193.5	141.5	26
8-KT074-26	4.5	21.2	84.8	57.5	31	220	158	30
8-KT074-32	8.21	31.5	126	67	38	281	205	37

CLEVIS SLING HOOK



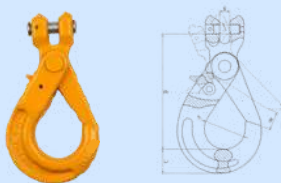
Features :

- It is forged by special alloy steel with high intensity and high toughness, and then it is heat treated;
- It can be matched with sling and G80 chains which can meet the standard EN818-2;

Item Code	Weight (kg)	Woring Load Limit (t)	Breaking Load (t)	A±0.5	B±1.5	D±1	H±1	L±2	E±2
8-KT012-06	0.32	1.12	4.48	8	32	35	23	76	26
8-KT012-7/8	0.48	2.0	8.0	9.5	37	37	32.5	85.5	29
8-KT012-10	0.95	3.15	12.6	13	49	46	35	104	39
8-KT012-13	1.8	5.3	21.2	16.5	56.5	56	42.5	128	47
8-KT012-16	3.4	8	32	21.5	70.5	60	54	150	55
8-KT012-20	6	12.5	50	24	77	79	58	180	61
8-KT012-22	10.4	15	60	27	91	101	62	213	72
8-KT012-26	14.5	21.2	84.8	30	117	115	75	250	85
8-KT012-32	27.0	31.5	126	35	150	140	88	317	106

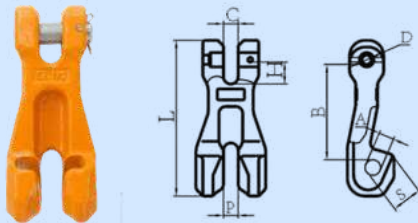
SELF-LOCKING HOOK

- G80 clevis self-locking hook with latch
- Clevis type hook for lifting or rigging
- Applicable to all G80 rigging fittings,
- Meet Europe EN1677-3 standard.



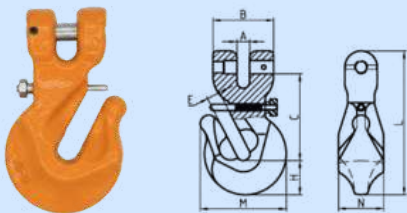
ITEM NO.	WLL/T	B.L/T	A(mm)	B(mm)	Φ(mm)	E(mm)	L(mm)	Weight (kg)
KT-H1032-1.12	1.12	4.48	8	29	34	20	110.5	0.5
KT-H1032-2	2	8	9	34	46	24	136	0.8
KT-H1032-3.15	3.15	12.6	11.5	44	52	29	171	1.55
KT-H1032-5.4	5.4	21.6	15.5	52	65.5	40.2	208.5	3
KT-H1032-8	8	32	18.5	60	82	51	257.5	6
KT-H1032-12.5	12.5	50	23.5	83	100	55	275	7.3
KT-H1032-15	15	60	24.5	88	98	66.4	320	12.8
KT-H1032-21.2	21.2	84.8	29.5	95.5	110	75.6	363	21.8
KT-H1032-31.5	31.5	126	35.5	160	166	97	472	49.6

G80 CLEVIS SHORTENING CLUTCH



Item Code	Weight (kg)	Working Load Limit (t)	Breaking Load (t)	P±0.5	C±0.5	A±0.3	B±2	H±1	S±0.3	L±2	D±0.5
8-KT073-06	0.17	1.12	4.48	7.5	7.5	8	44	10.3	12	73.5	7.8
8-KT073-7/8	0.37	2	8	9.5	9.5	10.5	61.7	14	17	101	9.2
8-KT073-10	0.97	3.15	12.6	13	13	12.4	92	18.4	28	138	13.2
8-KT073-13	2.01	5.3	21.2	16.5	16.5	16	115	22.7	34.5	177	16.2
8-KT073-16	3.32	8	32	21	21	19.5	143	28.5	40	220	20
8-KT073-20	6.2	12.5	50	23.5	23.5	23	152	33.6	46	238	24.3
8-KT073-22	8.5	15	60	25.5	25.5	26	195	39	57.5	295	28.1

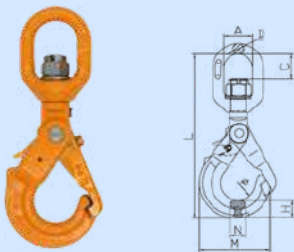
G80 CLEVIS GRAB HOOK



ITEM NO,	WEIGHT/kg	Working Load Limit (T)	Breaking Load (T)	A±0,5	B±1	C±1	E±0,5	M±2	N±0,5	H±1	L±2
8-8	0.6	2	8	9	43	61.5	9.5	61	32	24	102
10-8	1.0	3.15	12.6	12	49	72	12	78.5	40	32	125
13-8	2.7	5.3	21.12	14.5	60	93.4	15	99.3	52	40	160
16-8	3.7	8	32	17.3	73	112	18	121	61	44.8	188

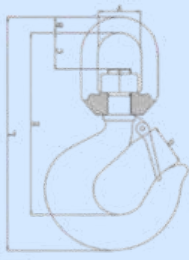
G80 SPECIAL SWIVEL SELF-LOCKING HOOK

Grade 80 Swivel self locking hook, Clevis type hook for lifting or rigging; Applicable to all grade 80 rigging fittings. EN1677-3 standard.



ITEM NO,	WEIGHT/kg	Working Load Limit (T)	Breaking Load (T)	A± 2	C±2	D±1	H±1	φ±1,5	L±3	M±2	N ±1
8-KT343-6	0.75	1.12	4.48	32,5	24	11	19,5	39	189.5	76	16.4
8-KT343-7/8	1.02	2	8	36	27.5	12.5	21.5	40	216	83	18
8-KT343-10	1.75	3.15	12.6	42	34	15	26.5	50	254	101	22.5
8-KT343-13	2.72	5.3	21.2	50	41	17	30.5	60	300	121	29
8-KT343-16	5.38	8	32	70	58	21.5	30.5	72	375	140.7	35

G80 SWIVEL HOOK WITH LATCH



ITEM.NO	WLL/T	B.L/T	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	U(mm)	Weight(kg)
KT-H1025-1.12	1.12	4.48	32	10	22.5	24	112	140	0.4
KT-H1025-2	2	8	44	15.8	35	26	150	190	1.1
KT-H1025-3.15	3.15	12.6	44	15.8	35	28	162	206	2
KT-H1025-5.3	5.3	21.2	47	20	39	35	190	242	2.1
KT-H1025-8	8	32	63	26	53	43	246	316	4.5
KT-H1025-12.5	12.5	50	70	28	53	55	282	369	7.1
KT-H1025-15	15	60	79	32	58	61	332	431	10.6
KT-H1025-21.2	21.2	84.8	105	40	74	81	431	547	21.4
KT-H1025-31.5	31.5	126	105	40	90	82.5	472	603	32

INCORRECT USE



STANDARD: BS EN 818-4, ASME B30.9

KT6108 – Chain sling, 1-leg, 1 with clevis self locking hook



Chain Size (mm)	Load Capacity 1-Leg Single Direct t	Item No.
7	1.5	KT6108.00.07
8	2	KT6108.00.08
10	3.15	KT6108.00.10
13	5.3	KT6108.00.13
16	8	KT6108.00.16
20	12.5	KT6108.00.20
22	15	KT6108.00.22
26	21.2	KT6108.00.26

KT6208 – Chain Sling, 2-Leg, with Clevis Self-Locking Hook



Chain Size (mm)	Load Capacity 2-Leg Single Direct t (0°–90°)	Item No.
7	2.1	KT6208.00.07
8	2.8	KT6208.00.08
10	4.25	KT6208.00.10
13	7.5	KT6208.00.13
16	11.2	KT6208.00.16
20	17	KT6208.00.20
22	21.2	KT6208.00.22
26	30	KT6208.00.26

KT6408 – Chain Sling, 4-Leg, with Clevis Self-Locking Hook



Chain Size (mm)	Load Capacity 4-Leg Single Direct t (0°–90°)	Item No.
7	3.1	KT6408.00.07
8	4.25	KT6408.00.08
10	6.7	KT6408.00.10
13	11.2	KT6408.00.13
16	17	KT6408.00.16
20	26.5	KT6408.00.20
22	31.5	KT6408.00.22
26	45	KT6408.00.26

KT6101 – Chain Sling, 1-Leg, with safety hook with latch



Chain Size (mm)	Load Capacity 1-Leg Single Direct (t)	Item No.
7	1.5	KT6101.00.07
8	2	KT6101.00.08
10	3.15	KT6101.00.10
13	5.3	KT6101.00.13
16	8	KT6101.00.16
20	12.5	KT6101.00.20
22	15	KT6101.00.22
26	21.2	KT6101.00.26

KT6201 – Chain Sling, 2-Leg, with safety hook with latch



Chain Size (mm)	Load Capacity 2-Leg Single Direct t (0°–45°)	Item No.
7	2.1	KT6201.00.07
8	2.8	KT6201.00.08
10	4.25	KT6201.00.10
13	7.5	KT6201.00.13
16	11.2	KT6201.00.16
20	17	KT6201.00.20
22	21.2	KT6201.00.22
26	30	KT6201.00.26

KT6401 – Chain Sling, 4-Leg, with safety hook with latch



Chain Size (mm)	Load Capacity 4-Leg Single Direct t (0°–90°)	Item No.
7	3.1	KT6401.00.07
8	4.25	KT6401.00.08
10	6.7	KT6401.00.10
13	11.2	KT6401.00.13
16	17	KT6401.00.16
20	26.5	KT6401.00.20
22	31.5	KT6401.00.22
26	45	KT6401.00.26

KT6201.02 – Chain Sling, 2-Leg, with shortening claw and safety hook with latch



Chain Size (mm)	Load Capacity 1-Leg Single Direct (t)	Item No.
7	1.5	KT6101.01.07
8	2	KT6101.01.08
10	3.15	KT6101.01.10
13	5.3	KT6101.01.13
16	8	KT6101.01.16
20	12.5	KT6101.01.20
22	15	KT6101.01.22
26	21.2	KT6101.01.26

KT6101.01. – Chain Sling, 1-Leg, with shortening claw and safety hook with latch



Chain Size (mm)	Load Capacity 2-Leg Single Direct t (0°–90°)	Item No.
7	2.1	KT6201.02.07
8	2.8	KT6201.02.08
10	4.25	KT6201.02.10
13	7.5	KT6201.02.13
16	11.2	KT6201.02.16
20	17	KT6201.02.20
22	21.2	KT6201.02.22
26	30	KT6201.02.26



KT6401.04. – Chain Sling, 4-Leg, with shortening claw and safety hook with latch

Chain Size (mm)	Load Capacity 4-Leg Single Direct t (0°–90°)	Item No.
7	3.1	KT6401.04.07
8	4.25	KT6401.04.08
10	6.7	KT6401.04.10
13	11.2	KT6401.04.13
16	17	KT6401.04.16
20	26.5	KT6401.04.20
22	31.5	KT6401.04.22
26	45	KT6401.04.26



KT6108.01 – Chain Sling, 1-Leg, with shortening claw and clevis self locking hook

Chain Size (mm)	Load Capacity 1-Leg Single Direct (t)	Item No.
7	1.5	KT6108.01.07
8	2	KT6108.01.08
10	3.15	KT6108.01.10
13	5.3	KT6108.01.13
16	8	KT6108.01.16
20	12.5	KT6108.01.20
22	15	KT6108.01.22
26	21.2	KT6108.01.26



KT6408.04. – Chain Sling, 4-Leg, with shortening claw and clevis self locking hook

Chain Size (mm)	Load Capacity 2-Leg Single Direct t (0°–90°)	Item No.
7	2.1	KT6208.02.07
8	2.8	KT6208.02.08
10	4.25	KT6208.02.10
13	7.5	KT6208.02.13
16	11.2	KT6208.02.16
20	17	KT6208.02.20
22	21.2	KT6208.02.22
26	30	KT6208.02.26

KT6208.02. – Chain Sling, 2-Leg, with shortening claw and clevis self locking hook

Chain Size (mm)	Load Capacity 4-Leg Single Direct t (0°–90°)	Item No.
7	3.1	KT6408.04.07
8	4.25	KT6408.04.08
10	6.7	KT6408.04.10
13	11.2	KT6408.04.13
16	17	KT6408.04.16
20	26.5	KT6408.04.20
22	31.5	KT6408.04.22
26	45	KT6408.04.26



SYNTHETIC SLINGS & ACCESSORIES



STOP REPLACING YOUR SYNTHETIC SLINGS AND WEAR PADS DUE TO CUTTING.

The number one cause of synthetic sling failure is cutting. When the slings are cut, property damage and personal injury or death can result. Wear pads can help to reduce this problem by acting as a buffer between the load edge and the sling. When used with steel sling, wear pads help protect both sling and load from damage along points of contact. Always protect slings from being cut or damaged by corners, edges and protrusions using protection sufficient for each application.



Primary Causes of cutting - How to avoid



Edges - Edges do not need to be "sharp" to cause sling failure. Increase radius of all edges in contact with slings. Movement - restrict sling movement against edges Pressure - reduce by using wider or additional slings



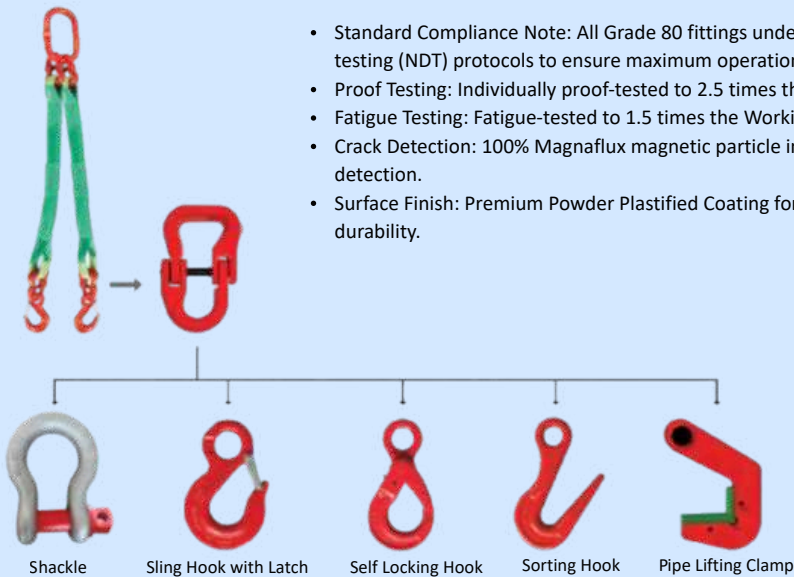
WARNING

Wear pads may not prevent cutting or other sling damage. To avoid severe personal injury or death, keep all personnel clear of loads about to be lifted and suspended loads. Safe Operating Practices A qualified person must select materials and methods that adequately protect the slings from damage. webblon recommends that, prior to making a lift, the load be raised slightly, then lowered so that the slings and wear pads can be inspected for damage. If there is evidence of cutting, the lift should be tested again using different pad materials and/or methods. Do not ignore warning signs of misuse. Cut marks detected during any sling inspection serve as a clear signal that sling protection must be added or improved.

COMPONENT SPECIFICATIONS

- Webbing Slings (Assembled): 7:1 Safety Factor
- Grade 80 Accessories / Fittings: 4:1 Safety Factor

GRADE 80 FITTINGS TESTING & QUALITY ASSURANCE



- Standard Compliance Note: All Grade 80 fittings undergo rigorous structural and non-destructive testing (NDT) protocols to ensure maximum operational safety.
- Proof Testing: Individually proof-tested to 2.5 times the Working Load Limit (WLL).
- Fatigue Testing: Fatigue-tested to 1.5 times the Working Load Limit (WLL).
- Crack Detection: 100% Magnaflux magnetic particle inspection for surface and sub-surface defect detection.
- Surface Finish: Premium Powder Plastified Coating for enhanced corrosion resistance and durability.

Web connector is a Grade 80 forged accessory with powder coated finish used as a

- Connecting Link between master link / assembly and web/round sling.
- Connecting Links are used in various combination as in above pictures.
- Can be used as a sliding choker ed fitting fro webbing and round sling.
- Available upto 30 tons flat width of 160mm.
- Reference Standards prEN 1677 - 2/3/4 : 2000 Components for slings - safety - part - 2/3/4

COLOUR	WIDTH	SINGLE LEG	TWO LEG	THREE / FOUR LEG
		 90°		 45°
VIOLET	1" / 25mm	1T	1.4T	2.1T
GREEN	2" / 50mm	2T	2.8T	4.2T
YELLOW	3" / 75mm	3T	4.7T	6.3T
GREY	4" / 100mm	4T	5.6T	8.4T
RED	5" / 125mm	5T	7T	10.5T
BROWN	6" / 150mm	6T	8.4T	12.6T
BLUE	8" / 200mm	8T	11.2T	16.8T
ORANGE	10" / 250mm	10T	14T	21T
ORANGE	12" / 300mm	12T	16.8T	25.2T

Higher load capacities available on request. Please contact us.

LiftFlow Lifting Solutions manufactures webbing slings in compliance with EN 1492-1:2000 + A1:2008 standards with a 7:1 safety factor. Available in single, double, three, and four-ply constructions, our slings are made from 100% high-strength polyester, offering durability, flexibility, and resistance to many acids for safe lifting applications.



COLOUR	WIDTH	WLL	SWL/WLL IN KG AT DIFFERENT MODES					Weight/Mtr (kg)
								
VIOLET	1"/25mm	1T	1000	2000	1400	800	1000	0.18
GREEN	2"/50mm	2T	2000	4000	2800	1600	2000	0.38
YELLOW	3"/75mm	3T	3000	6000	4200	2400	3000	0.55
GREY	4"/100mm	4T	4000	8000	5600	3200	4000	0.72
RED	5"/125mm	5T	5000	10000	7000	4000	5000	0.96
BROWN	6"/150mm	6T	6000	12000	8400	4800	6000	1.2
BLUE	8"/200mm	8T	8000	16000	11200	6400	8000	1.6
ORANGE	10"/250mm	10T	10000	20000	14000	8000	10000	1.87
ORANGE	12"/300mm	12T	12000	24000	16800	9600	12000	2.15
			Straight Lift (100%)	Basket Lift (200%)	140° (0°-45°)	Choker Lift (80%)	100° (45°-60°)	

CHART IN COMPARISON FOR SINGLE PLY ,DOUBLE PLY THREE PLY & FOUR PLY

COLOUR	WIDTH	SINGLE PLY	DOUBLE PLY	THREE PLY	FOUR PLY
					
VIOLET	1"/25mm	0.5T	1T	1.5T	2T
GREEN	2"/50mm	1T	2T	3T	4T
YELLOW	3"/75mm	1.5T	3T	4.5T	6T
GREY	4"/100mm	2T	4T	6T	8T
RED	5"/125mm	2.5T	5T	7.5T	10T
BROWN	6"/150mm	3T	6T	9T	12T
BLUE	8"/200mm	4T	8T	12T	16T
ORANGE	10"/250mm	5T	10T	15T	20T
ORANGE	12"/300mm	6T	12T	18T	24T

SPECIALIZATION

- Webbing slings upto five ply as per users requirement upto 30 ton x 30mtr for varied
- wide product size can be made.
- Webbings with extra coating for increased abressive resistants can be supplied.
- Webbings with increased width upto 400mm for special applications available in stocks.
- Eye protections for webbing can be made with heavy duty polyester fiber, cowhide leather & Synthetic Rexin.
- Two ply Endless, Double ply Slings upto 100mtrs can be made.



WIDTH	BREAKING STRENGTH	LASHING CAPACITY	COLOUR
1" (25 mm)	1000 kg	400 kg	BLUE
1.5" (35 mm)	3000 kg	1200 kg	YELLOW
2" (50 mm)	5000 kg	1825 kg	YELLOW
3" (75 mm)	10000 kg	3750 kg	ORANGE
4" (100 mm)	10000 kg	5000 kg	GREY

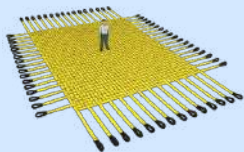
DISPOSABLE CARGO LASHING WORKING DOCUMENT

prEN xyz:2012 (E)

Disposable flat cargo lashing and slings for the transport of goods from the manufacturer to the end consumer and shall be destroyed or disposed at the end of transport chains. Fabricated in the width range of 25-100 mm inclusive. Used predominantly for air cargo services with wire hook and double stud fitting.



CARGO NET



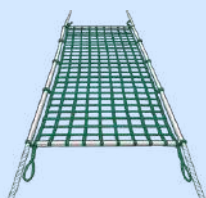
- Made to Customer requirements.
- Size ranging from 1mtr x 1mtr to 10mtr x 10mtr. Capacities ranging from 1 Ton to 40 Ton.
- Mesh size can be customized as per application.
- The webbing width used will range from 1inch to 6 inch. Used for aircargo lashings & LCL Cargo on vesels.
- Varied type of end fittings can be fitted on demand.
- Can be used as a fall protection safety net also.

AUTOMOBILE LIFTING NET

- Mesh area 1mtr x 1 mtr to 3mtr x 6mtr.
- Total length from end to end ranging from 15ft to 25ft
- Varied end fittings can be fitted on demand.
- Used for lifting automobiles, forklifts & Loadings.



HUMAN SAFETY NET



- Safety nets are used at working in heights.
- Used in ship building, ship repair & ports.
- Two ends of the net are kept in position with aluminium tube with separator.
- The ends of the tube are plugged in water tight with tufflon stub.
- Each length side of the net is kept in position in floating synthetic rope.
- Sizes can varie from 2mtr x 6mtr to

PIPE LOWERING BELTS

ENDLESS ROUND SLINGS POLYESTER
(EN 1492-2:2000+A1 2008)

Pipe Lowering Belts from 12inches to 56 inch pipes. Designed for lowering Oil & Gas pipelines safely. Manufactured from polyester webbing sling connected to steel heavyduty head terminals. Ease on site belt replacement with advanced replacable terminals. Webbing safety factor 7:1 and steel head is 4:1. Can be made of heavyduty nylon belts. Heads are riveted with name plate and webbing with label for tracability.



RATED CAPACITY FOR POLYESTER LOWERING BELT

NOMINAL PIPE SIZE	WIDTH OF WEB	SWL	HOOKS PER SIDE	WEIGHT OF SET (kg)
12 Inch	300 mm	12000	2	30
18 Inch	450 mm	20000	3	52
20 Inch	500 mm	22000	4	54
24 Inch	600 mm	25000	3	61
30 Inch	750 mm	32000	4	89
36 Inch	900 mm	38000	4	108
42 Inch	1050 mm	45000	5	120
48 Inch	1219 mm	50000	5	139
56 Inch	1422 mm	66000	6	187

Endless roundsling reffered as a tubular sling is comprised of continues load bearing cores made from synthetic yarns, not woven, fully enclosed in a protective cover, and with or without fittings. Polyester Roundslings are enclosed in single or double sleeve as per customer.



RATED CAPACITY FOR POLYESTER ROUNDSLINGS

COLOUR	WLL	WIDTH	SWL/WLL IN KG AT DIFFRENT MODES					WEIGHT/MTR (kg)	MINIMUM LENGTH (m)
									
VIOLET	1T	44 mm	1000	2000	1400	800	1000	0.35	0.5
GREEN	2T	46 mm	2000	4000	2800	1600	2000	0.52	0.5
YELLOW	3T	60 mm	3000	6000	4200	1400	3000	0.74	0.5
GREY	4T	67 mm	4000	8000	5600	3200	4000	0.91	0.5
RED	5T	78 mm	5000	10000	7000	4000	5000	1.29	0.5
BROWN	6T	83 mm	6000	12000	8400	4800	6000	1.39	1
BLUE	8T	95 mm	8000	16000	11200	6400	8000	1.75	1
ORANGE	10T	112 mm	10000	20000	14000	8000	10000	2.28	2
ORANGE	15T	125 mm	15000	30000	21000	12000	15000	3.5	2
ORANGE	20T	150 mm	20000	40000	28000	16000	20000	5.4	2.5
ORANGE	25T	180 mm	25000	50000	35000	20000	25000	6.8	2.5
ORANGE	30T	200 mm	30000	60000	42000	24000	30000	10.8	2.5
ORANGE	40T	210 mm	40000	80000	56000	32000	40000	14.2	2.5
ORANGE	50T	220 mm	50000	100000	70000	40000	50000	16.3	3
ORANGE	60T	240 mm	60000	120000	84000	48000	60000	20.2	4
ORANGE	80T	260 mm	80000	160000	112000	64000	80000	26	4
ORANGE	100T	290 mm	100000	200000	140000	80000	100000	30.3	4
			Straight Lift (100%)	Basket Lift (200%)	140% (7°-45°)	Choker Lift (80%)	100% (45°-60°)		

Single/Multi leg polyester roundsling with varied fittings. The fittings grade 80 & 100 are used, designed for polyester roundslings.

quick & easy assembly with standard dimensions eliminates incorrect assembly of the components.

These roundslings can be of polyester fiber or UHMWPE fiber.

The Multiplicative factor for rating of slings will be as per single/multi webbing sling WLL.

GUNNEBO FITTINGS 1677-1-2-3&4

Roundsling Hook RH Grade 100 & Grade 80



Can be inserted in any softsling and is quicker and safer to use than shackle. available in tonnages 1,2,3 & 5 tonnes.

Round sling coupling SKR



These come in sizes 2 tones to 21 tonnes with a width of 150mm

Sling Hook with/without Latch



It ranges from 2 ton 12.5 tonne to suites roundslings width of 43mm

Master Link



Available in capacities 2 to 12.5 tonne to suite roundsling width 105 mm

Half Link

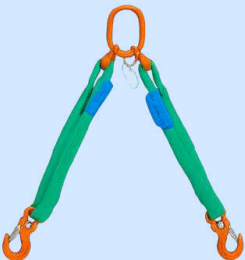


Range from 2 tones to 21 tonnes suitable to all the above roundsling fittings.

Insulated Roller Bearing Swivel



Electrically insulated, Lubricated, Sealed roller bearing swivel. tested to 1000 V. Suitable for protection of overhead cranes during welding on suspended loads. these are compactable with all the above asseccories for versatile use from 2 to 21 tonnes.



Slings with UHMWPE are the most lightweight slings not only for safe and easier but also most cost effective lifting tackle. These slings have been introduced to replace steel wire ropes, gromets, chains, PP & PE to meet the challengers for offshore and onshore application because of



- Excellent lower weight (Easy to handle compare to other lifting products)
- Higher stiffness (Reduced elastic response compare to any other slings)
- Smaller diameter and Higher capacity (Easier to use on hooks & shackles etc..)
- Increased flexibility compare to capacity (Doesn't need forklift or cranes to handle the slings)
- Increased reliability and safety (Reduced stored energy)
- Low elongation (3% onload)
- Ranges from 10 ton - 600 tons
- Increased Life (Combined with abrasion resistance and low co efficient of friction)
- Specific Gravity 0.97, 8-15 times of steels (Specific grafity of steel 7.8)

Can be manufactured in form of endless round sling, tubular slings with both end lifting eyes Can be fabricated toone or multileg sling with end fittings of grade 100

Safety factor of 7:1 and 8:1 can be made.

WLL (in tonnes)	COLOUR	DIAMETER (mm)	MIN LENGTH (mtrs)	MAX LENGTH (mtrs)	WEIGHT OF SET (kg)
10	ORANGE	36 mm	2	60	-
15	ORANGE	44 mm	2	60	-
20	ORANGE	55 mm	2	60	-
30	ORANGE	66 mm	2	60	-
50	ORANGE	86 mm	2	60	-
100	ORANGE	125 mm	2	60	-
200	ORANGE	145 mm	2	60	-
300	ORANGE	200 mm	2	60	-
500	ORANGE	250 mm	2.5	60	-
600	ORANGE	290 mm	2.5	60	-

UHMWPE are supplied with proof load certificate fitness by TUV or Bureau of veritas

Slings can be made to be custom as per customers application requirements.

Sleeves can be of single or double ply.

Application

Used in Oil and Offshore industries.

Used in high risk overhead lifting like windfarms, nuclear powerplants, aircraft industries



WIRE ROPES

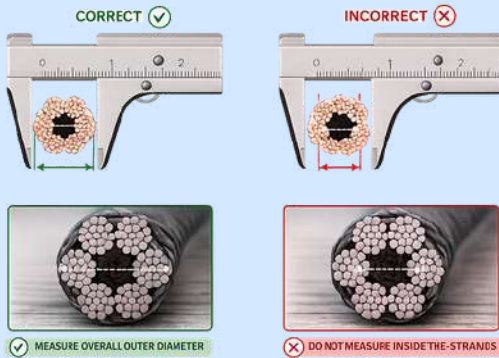
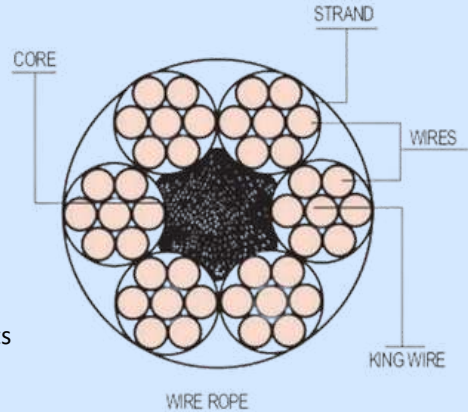


WIRE ROPE COMPONENTS

- Wire
- Strand
- Core
- King Wire

ROPE SIZE

- Measure the circle just touching the extreme outer limits (crown) of the strands.



HOW TO ORDER A ROPE

- Nominal rope diameter and tolerance
- Construction / Class / Product Type
- Surface finish (galvanized or bright)
- Tensile grade
- Minimum breaking force required
- Core type – Fibre (FC), IWRC or WSC
- Lay type – Regular or Lang lay
- Lubrication requirements
- Packaging – Wooden reel / Steel reel / Coil



- Special requirements, if any
- Preformed / Non-preformed
- End terminations (soft eye, hard eye, etc.)
- Rope length and tolerance, if applicable
- Delivery schedule
- Special testing requirements
- Pre-stretching
- Marking and traceability
- Product identification
- Third-party inspection requirements



Note : Providing the above details helps ensure the correct rope selection for your application.

HOW TO IDENTIFY GENUINE WIRE ROPES

Every genuine wire rope contains an internal identification tape or marker for product verification and traceability.

FUNDAMENTAL WIRE ROPE CONSTRUCTIONS

Single Layer :

A simple construction consisting of a central wire surrounded by six wires of the same diameter



Seale Construction :

Equal numbers of same-sized wires in each layer, with larger outer wires seated between the inner wires.



Filler Wire Construction :

The inner layer has fewer wires than the outer layer, with small filler wires added between layers for better support and stability.



Warrington Construction :

Inner layer uses one wire size, while the outer layer has alternating large and small wires for improved flexibility and strength.



Combined Construction :

Combines different wire rope designs, such as Seale-Filler and Warrington-Seale, for enhanced strength, flexibility, and durability.



LAY :

- Cross Lay: Wires and strands are laid in opposite directions.
- Equal Lay: Wires and strands are laid in the same direction, providing improved flexibility and wear resistance.

WIRE ROPE LAY TYPES :

Right Hand Regular Lay (RHRL / RHO / sZ) :

Strands are twisted to the right, while wires within the strands are twisted to the left.



Left Hand Regular Lay (LHRL / LHO / zS) :

Strands are twisted to the left, while wires within the strands are twisted to the right.



Right Hand Lang's Lay (RHLL / RHL / zZ) :

Both strands and wires are twisted in the right-hand direction.



Left Hand Lang's Lay (LHLL / LHL / sS) :

Both strands and wires are twisted in the left-hand direction.



Alternate Lay :

A combination of Regular Lay and Lang's Lay constructions.



Special Alternate Lay :

A pattern consisting of two Lang's Lay strands and one Regular Lay strand.



WIRE ROPE USAGE & HANDLING :

IDEAL PULLEY GROOVE :

A correctly sized sheave groove provides proper rope support, reduces wear, and extends rope life. Avoid grooves that are too narrow or too wide.



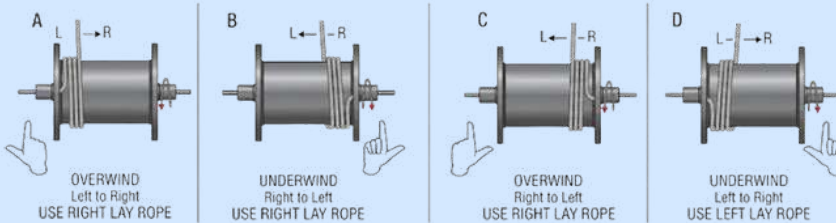
Sheave groove too narrow

Sheave groove too wide

Sheave groove correctly

ROPE SPOOLING/ANCHORAGE ON DRUM :

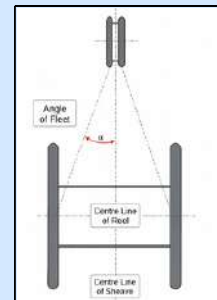
Proper spooling prevents rope twist and extends service life. Use the recommended winding direction for right-hand and left-hand lay ropes.



FLEET ANGLE :

Maintain the correct fleet angle for smooth rope travel and even winding.

- Grooved Drum: $\leq 2.5^\circ$
- Flat Drum: $0.5^\circ - 1.5^\circ$



ROPE CUTTING PROCEDURE :

- Secure the rope with seizing wire.
- Tighten and twist the seizing.
- Cut the rope cleanly to prevent strand loosening.

Note : Use annealed wire for seizing ungalvanized ropes.

Seizing



Twisting



Cutting



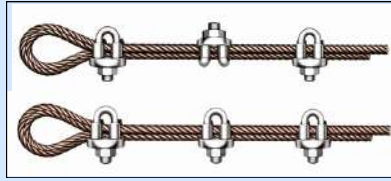
ROPE CLAMPING :

Use wire rope clips in the correct orientation and spacing to ensure a secure connection. Incorrect installation can reduce holding capacity and create safety risks.

Note: Always follow applicable standards and manufacturer recommendations for proper clamping.



The right way to clip wire rope



The wrong way to clip wire rope

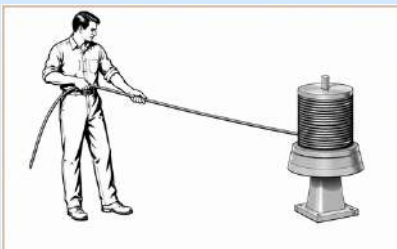
STORAGE :

- Store ropes in a dry, well-ventilated area.
- Protect from moisture, dust, and corrosive fumes.
- Apply a suitable lubricant every 3 months.
- Rotate rope reels by 90° every 3 months during storage.
- Keep wooden reels protected from pests and deterioration.
- Do not place reels directly on the ground; store them on a raised surface with adequate clearance.



PROPER ROPE HANDLING :

- Use a spindle through the reel or a suitable reel stand with a braking system during loading and unloading.
- Ensure adequate clearance for the reel to rotate freely when pulling the rope.
- Maintain consistent tension while uncoiling or hauling off the rope.
- Prevent rope turns from crossing over each other on the reel.
- Avoid kinks, as they can cause permanent damage and reduce rope performance.



WIRE ROPE CHARACTERISTICS :

- More outer wires improve flexibility and resistance to bending fatigue.
- Fewer, larger outer wires provide better abrasion and wear resistance.
- Steel core (IWRC) offers greater resistance to crushing compared to fibre core ropes.
- Lang's Lay provides improved performance and reduced wear on drums compared to regular lay.

ABRASION RESISTANCE :

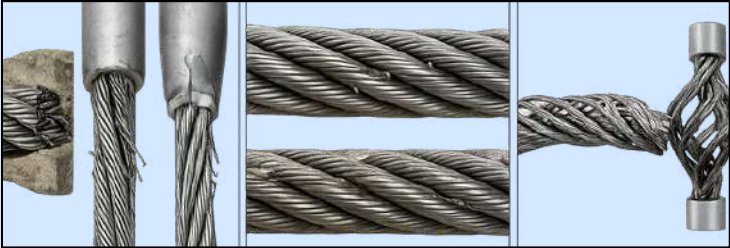
For the same rope diameter, larger outer wires provide higher abrasion resistance, while smaller outer wires improve flexibility and fatigue performance. Selecting the right construction depends on the application and operating conditions.

Comparison (25 mm Rope Diameter)

Rope Construction	Outer Wires	Outer Wire Size
6 × 7	6	2.54 mm
6 × 19S	9	2.11 mm
6 × 25F	12	1.70 mm
6 × 36SW	14	1.49 mm
6 × 41SW	16	1.34 mm

Note: Larger outer wires offer better abrasion resistance, while a higher number of smaller outer wires improves flexibility and bending fatigue performance.

TYPES OF TYPICAL FAILURES :



Termination Failure

Fauge Failure

Birdcage



Shock Loading

Abrasion

Thermal Damage

Corrosion

Recommended DO'S & DONT'S :

DO'S :

- Use high-quality, acid-free, moisture-resistant rope lubricants.
- Regularly inspect sheaves, rollers, and pulleys to maximize rope life.
- Periodically check ropes, fittings, and end terminations for wear or damage.

DONT'S :

- Do not store ropes in conditions that may cause deterioration.
- Do not mishandle ropes during uncoiling or unreeling, as this can create kinks.
- Do not use Lang's Lay ropes with a swivel.
- Do not use drums or pulleys with incorrect groove sizes.
- Do not use ropes that are unsuitable for the drum or pulley diameter.
- Do not exceed the rope's Working Load Limit (WLL), as overloading can compromise safety and damage equipment.

Note: Proper handling, installation, lubrication, and inspection significantly improve rope performance and service life.



GENERAL DISCARD CRITERIA – CRANE ROPES :

Replace the rope if any of the following conditions are observed:

- Rope diameter reduction exceeds allowable limits due to wear or damage.
- Visible broken wires exceed the limits specified for the rope type.
- Clusters of broken wires are concentrated within a short section of the rope.
- Wire breaks occur in strand valleys, indicating possible internal deterioration.
- Broken wires are found near rope terminations and cannot be safely repaired.
- Localized distortion, crushing, kinking, looping, or birdcaging is present.
- Core or strand protrusion is visible.
- Localized reduction in rope diameter or excessive waviness is detected.
- Core collapse or complete fracture of a strand has occurred.
- Severe corrosion, pitting, or rust damage is evident.
- Signs of heat damage are present.

Important: All rope inspections should be carried out by a competent person in accordance with the relevant standards and manufacturer recommendations.

NRD: Nominal Rope Diameter.

QUALITY CONTROL DEPARTMENT :

At Lift Flow Global, every wire rope undergoes rigorous quality inspections and testing to ensure superior strength, reliability, and service life. Quality checks are performed at every stage—from raw material inspection and in-process manufacturing to final product verification.

Our dedicated Quality Control team follows strict testing procedures to maintain consistent product standards and deliver dependable lifting solutions. Comprehensive testing throughout the production process ensures that every rope meets the highest quality and safety requirements.

METRIC–IMPERIAL DIAMETER CONVERSION QUICK CONVERSION REFERENCE

Inch	mm	Inch	mm
1/8"	3.2	1"	25.4
1/4"	6.4	1½"	38.1
3/8"	9.5	2"	50.8
1/2"	12.7	2½"	63.5
5/8"	15.9	3"	76.2
3/4"	19.1	4"	101.6

Parameter	Metric Equivalent
Length	1 m = 1000 mm
Force	1 kN ≈ 101.97 kgf
Cross Section	1 mm² = 0.00155 in²
Weight	1 Metric Ton = 1000 kg
Weight per Unit Length	1 kg/m ≈ 0.672 lb/ft

Note: Values are approximate and intended for general reference.

STAGE 1: RAW MATERIAL INSPECTION

WIRE TESTING

Test	Purpose
Tensile Test	Verifies the wire's breaking load and tensile strength.
Torsion Test	Evaluates the wire's ability to withstand twisting without failure.
Reverse Bend Test	Assesses flexibility and resistance to repeated bending.
Wrapping Test	Confirms the wire can be wrapped around another material without cracking.
Adhesion Test	Checks the bonding quality and strength of the zinc coating.
Galvanizing Test	Measures the zinc coating thickness and mass for corrosion protection.

CORE INSPECTION :

Fibre Core (FC)

Natural or synthetic fibre cores are tested for lay, diameter, lubrication, and strength to ensure consistent performance.

Steel Core (WSC / IWRC)

Steel core wires are selected and tested to meet stringent strength requirements. Independent Wire Rope Cores (IWRC) and strand cores provide enhanced support, durability, and load-bearing capacity.



STAGE 2: IN-PROCESS INSPECTION – ROPE & STRAND

DIAMETER CONTROL

Rope and strand diameters are continuously monitored during stranding and closing to ensure compliance with specified tolerances.

LAY INSPECTION

The lay direction and lay length are regularly checked to maintain consistency and meet applicable standards.

JOINT CONTROL

Wire joints are kept to a minimum. No more than one wire joint is permitted within a specified strand length, and joints are made using high-quality butt-welding methods.

VISUAL INSPECTION

Strands and ropes undergo continuous inspection to identify defects such as overlaps, loose wires, strand irregularities, or other visible imperfections.

LUBRICATION

Throughout production, ropes are treated with premium lubricants to reduce internal friction, enhance corrosion resistance, and improve service life.



STAGE 3: FINISHED WIRE ROPE / STRAND INSPECTION

PHYSICAL INSPECTION

Finished ropes and strands are checked for key parameters such as diameter, lay consistency, and any visible defects including overlaps or loose wires.

PREFORMING TEST

The rope is tested for proper preforming by carefully unlaying strands to verify stability and strand retention.

BREAKING LOAD TEST

Each finished product undergoes destructive testing to verify its minimum breaking load and overall strength performance.

REELING & PACKAGING

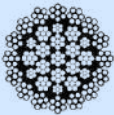
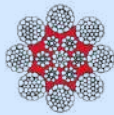
Finished ropes are wound on reels or supplied in coils and securely packed to maintain shape and prevent transport damage.



8xKWS26+EPIWRC

35(W)x7

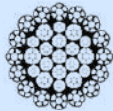
EN 12385-4



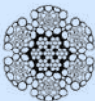
Nominal Dia. (mm)	Weight (kg/m)	Minimum Breaking Load (kN)	
		1960 Grade	2160 Grade
11	0.57	110	121
12	0.68	130	144
13	0.79	153	169
14	0.92	177	196
15	1.06	204	225
16	1.20	232	255
17	1.36	262	288
18	1.52	293	323
20	1.88	362	399
22	2.27	438	483
24	2.71	522	575
25	2.94	566	624
26	3.18	612	675
28	3.68	710	782
30	4.23	815	898
32	4.81	927	1022

Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)	
		1960 Grade	2160 Grade
8	29.1	45.2	48.4
9	36.8	57.2	61.2
10	45.4	70.6	75.6
11	54.9	85.4	91.5
12	65.4	102	109
13	76.7	119	128
14	89.0	138	148
16	116	181	194
18	147	229	245
20	182	282	302
22	220	342	366
24	262	406	435
26	307	477	511
28	356	553	593
30	408	635	680
32	465	723	774
34	524	817	874
36	588	914	980

35(W)x7 COMPACTED



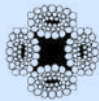
6xWS26 / 6xS19+IWRC SWAGED



Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)	
		1960 Grade	2160 Grade
8	0.318	54.9	61.4
9	0.403	69.5	77.7
10	49.7	87.6	98.3
11	60.1	105	118
12	71.6	124	140
13	84	144	162
14	97.4	168	188
16	127	224	251
18	161	274	308
19	179	307	344
20	199	341	382
22	241	415	466
24	286	491	555
26	336	588	660
28	390	676	758
32	509	873	980
36	644	1110	1232

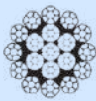
Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)
8	36.4	65
9	46.1	83
10	56.9	103
11	68.8	121
12	81.9	142
13	96.2	174
14	112	202
15	128	231
16	146	263
17	164	297
18	184	333
20	204	365

4xSES39+FC SWAGED



Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)	
		1770 Grade	1960 Grade
8	26.3	51.8	56
10	41.1	63.9	69.2
12	59.2	89	96.5
14	80.6	126	136
16	105	164	178
18	133	209	226
20	164	256	278
22	199	299	324
24	237	356	385
25	255	399	433
26	276	432	467
30	373	576	624
33.5	465	718	778
35.5	518	809	893
40	658	1023	1133

19x7 COMPACTED



Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)	
		1960 Grade	2160 Grade
6	18.1	30.7	34.0
7	24.7	39.8	44.0
8	32.3	54.0	60.0
9	40.8	68.0	75.0
10	50.4	84.0	93.0
11	61	105	116
12	72.6	121	133
13	85.2	147	162
14	98.8	167	185
16	129	219	243
18	163	278	308
19	182	304	337
20	202	336	372
22	244	412	457
24	290	476	541

6xWS36+IWRC COMPACTED

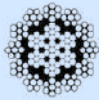


Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)	
		1960 Grade	2160 Grade
10	46.2	85.3	91.5
11	55.9	98.1	113
12	66.5	114	127
13	78.1	147	157
14	90.6	169	183
16	118	217	228
18	150	275	298
19	167	302	323
20	185	333	355
22	223	398	423
24	266	487	518
26	312	576	610
28	332	655	700
32	473	844	914
36	599	1060	1120

18x7 / 19x7

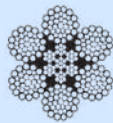
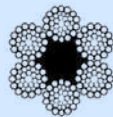


EN 12385-4



Nominal Dia. (mm)	Weight (kg/100m)		Minimum Breaking Load (kN)	
	Fiber Core	Steel Core	1960 Grade	2160 Grade
4	6	7	10.3	11.3
5	9	10	16.1	17.7
6	14	14	23.1	25.5
7	19	20	31.5	34.7
8	24	26	41.1	45.3
9	31	33	52.1	57.4
10	38	40	64.3	70.9
11	46	49	77.8	85.7
12	55	58	92.6	102
13	65	68	108	120
14	75	79	126	139
16	98	103	165	181
18	124	130	208	230
20	153	160	257	283
22	185	194	311	343
24	220	231	370	408
26	258	271	435	479
28	299	314	504	555

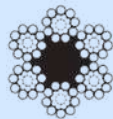
6xWS36+FC / IWRC



EN 12385-4

Nominal Dia. (mm)	Weight (kg/100m)		Minimum Breaking Load (kN)			
	Fiber Core	Steel Core	1770 Grade		1960 Grade	
			Fiber Core	Steel Core	Fiber Core	Steel Core
8	23.5	26.2	37.4	40.3	41.4	44.7
9	29.7	33.1	47.3	51	52.4	56.5
10	36.7	40.9	58.4	63	64.7	69.8
12	52.8	58.9	84.1	90.7	93.1	100
14	71.9	80.2	114	124	127	137
16	94	105	150	161	166	179
18	119	133	189	204	210	226
20	147	164	234	252	259	279
22	178	198	283	305	313	338
24	211	236	336	363	373	402
26	248	276	395	426	437	472
28	288	321	458	494	507	547
30	330	368	526	567	582	628
32	376	419	598	645	662	715
34	424	473	675	728	748	807
36	476	530	757	817	838	904
38	530	591	843	910	934	1008
40	587	654	935	1010	1040	1120
42	647	722	1030	1112	1141	1231
44	711	792	1130	1220	1250	1350
46	777	865	1236	1333	1369	1477
48	846	942	1350	1450	1490	1610
50	918	1023	1460	1575	1617	1744

6xS19+FC / IWRC



EN 12385-4

Nominal Dia. (mm)	Weight (kg/100m)		Minimum Breaking Load (kN)			
	Fiber Core	Steel Core	1770 Grade		1960 Grade	
			Fiber Core	Steel Core	Fiber Core	Steel Core
6	12.9	14.4	21	22.7	23.3	25.1
7	17.6	19.6	28.6	30.9	31.7	34.2
8	23	25.6	37.4	40.3	41.4	44.7
9	29.1	32.4	47.3	51	52.4	56.5
10	35.9	40	58.4	63	64.7	69.8
12	43.3	57.6	84.1	90.7	93.1	100
14	70.4	78.4	114	124	127	137
16	91.9	102	150	161	166	179
18	116	130	189	204	210	226
20	144	160	234	252	259	279
22	174	194	283	305	313	338
24	207	230	336	363	373	402
26	243	270	395	426	437	472
28	281	314	458	494	507	547
30	323	360	526	567	582	628
32	368	410	598	645	662	715
34	415	462	675	728	748	807
36	465	518	757	817	838	904
38	518	578	843	910	934	1008
40	574	640	935	1010	1040	1120
42	633	706	1030	1112	1141	1231
44	695	774	1130	1220	1250	1350
46	760	846	1236	1333	1369	1477
48	827	922	1350	1450	1490	1610
50	898	1000	1460	1575	1617	1744

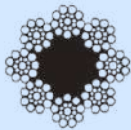
6xS19+FC FOR ELEVATOR



EN 12385-5

Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)		
		Grade 1370/1770 (Dual)	1570 Grade	1770 Grade
8	23	31.7	33.2	37.4
9	29.1	40.1	42	47.3
10	35.9	49.5	51.8	58.4
11	43.4	59.9	62.7	70.7
12	51.7	71.3	74.6	84.1
13	60.7	83.7	87.6	98.7
14	70.4	97	102	114
15	80.8	111	117	131
16	91.9	127	133	150

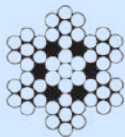
8xS19+FC FOR ELEVATOR



EN 12385-5

Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)		
		Grade 1370/1770 (Dual)	1570 Grade	1770 Grade
8	23	31.7	33.2	37.4
9	29.1	40.1	42	47.3
10	35.9	49.5	51.8	58.4
11	43.4	59.9	62.7	70.7
12	51.7	71.3	74.6	84.1
13	60.7	83.7	87.6	98.7
14	70.4	97	102	114
15	80.8	111	117	131
16	91.9	127	133	150

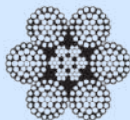
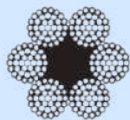
6x7+FC / 7x7 GALVANIZED CABLE



EN 12385-4

Nominal Dia. (mm)	Weight (kg/100m)		Minimum Breaking Load (kN)			
	Fiber Core	Steel Core	1770 Grade		1960 Grade	
			Fiber Core	Steel Core	Fiber Core	Steel Core
2	1.38	1.54	2.35	2.54	2.6	2.81
3	3.11	3.46	5.29	5.7	5.86	6.33
4	5.5	6.14	9.4	10.2	10.4	11.3
5	8.63	9.6	14.7	15.9	16.3	17.6
6	12.4	13.8	21.2	22.9	23.4	25.3
7	16.9	18.8	28.8	31.1	31.9	34.5
8	22.1	24.6	37.6	40.7	41.6	45
9	27.9	31.1	47.6	51.5	52.7	57
10	34.5	38.4	58.8	63.5	65.1	70.4
11	41.7	46.5	71.1	76.9	78.7	85.1
12	49.7	55.3	84.6	91.5	93.7	101
13	58.3	64.9	99.3	107	110	119
14	67.6	75.3	115	125	128	138
16	88.3	98.3	150	163	167	180

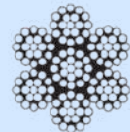
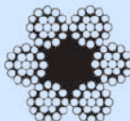
6x37+FC / IWRC GALVANIZED CABLE



EN 12385-4

Nominal Dia. (mm)	Weight (kg/100m)		Minimum Breaking Load (kN)	
	Fiber Core	Steel Core	Fiber Core	Steel Core
6	12.5	13.7	18.8	22
7	17	18.7	25.6	30
8	22.1	24.4	33.4	39.2
9	28	30.9	42.3	49.6
10	34.6	38.1	52.2	61.2
11	41.9	46.1	63.2	74.1
12	49.8	54.9	75.2	88.2
14	67.8	74.7	102	120
16	88.6	97.5	134	157
18	112	123	169	198
20	138	152	208	245
22	167	184	253	296
24	199	219	301	353
26	234	258	353	414
28	271	299	409	480
30	311	343	470	551
32	354	390	535	578

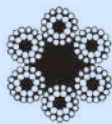
6x19+FC / 7x19 GALVANIZED CABLE



EN 12385-4

Nominal Dia. (mm)	Weight (kg/100m)		Minimum Breaking Load (kN)			
	Fiber Core	Steel Core	1770 Grade		1960 Grade	
			Fiber Core	Steel Core	Fiber Core	Steel Core
3	3.11	3.43	4.89	5.77	5.42	6.39
4	5.54	6.1	8.69	10.3	9.63	11.4
5	8.65	9.53	13.6	16	15	17.7
6	12.5	13.7	19.6	23.1	21.7	25.5
7	17	18.7	26.6	32.4	29.5	34.8
8	22.1	24.4	34.8	41	38.5	45.4
9	28	30.9	44	51.9	48.7	57.5
10	34.6	38.1	54.3	64.1	60.2	71
11	41.9	46.1	65.8	77.5	72.8	85.9
12	49.8	54.9	78.2	92.3	86.6	102
13	58.5	64.4	91.8	108	102	120
14	67.8	74.7	107	126	118	139
16	88.6	97.5	139	164	154	182

6x24+7FC



DIN 3068

Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)
		1960 Grade
8	20.4	31.7
9	25.8	40.1
10	31.8	49.6
11	38.5	60
12	45.8	71.4
13	53.8	83.8
14	62.4	97.1
15	71.6	112
16	81.5	127
17	92	143
18	103	161
19	115	179
20	127	198
21	140	219
22	154	240
24	183	285
25	199	310
26	215	335
28	250	389
30	286	446
32	326	507
34	368	573

6x7+FC / 7x7 WITH COATING



EN 12385-4

Nominal Dia. (mm)	Weight (kg/100m)		Minimum Breaking Load (kN)			
	Fiber Core	Steel Core	1770 Grade		1960 Grade	
			Fiber Core	Steel Core	Fiber Core	Steel Core
2 - 3	1.93	2.09	2.35	2.54	2.6	2.81
2 - 4	2.59	2.75	2.35	2.54	2.6	2.81
2 - 5	3.43	3.59	2.35	2.54	2.6	2.81
3 - 4	3.94	4.29	5.29	5.72	5.86	6.33
3 - 5	4.79	5.14	5.29	5.72	5.86	6.33
4 - 5	6.67	7.29	9.4	10.2	10.4	11.3
4 - 6	7.71	8.33	9.4	10.2	10.4	11.3
5 - 6	10.1	11.1	14.7	15.9	16.3	17.6
5 - 7	11.4	12.3	14.7	15.9	16.3	17.6
6 - 8	15.7	17.1	21.2	22.9	23.4	25.3
6 - 9	17.3	18.7	21.2	22.9	23.4	25.3
8 - 10	26.7	29.2	37.6	40.7	41.6	45
10 - 12	40.5	44.4	58.8	63.5	65.1	70.4

Note:

- Product of the coating material in PVC, PP, PE and UV stabilized is optional.
- Various colors are available.

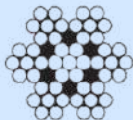
6x19+FC / 7x19 WITH COATING



EN 12385-4

Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)	
		AISI 304 Grade 1770	AISI 316 Grade 1570
1	0.4	0.69	0.61
1.5	0.86	1.55	1.37
2	1.54	2.75	2.44
2.5	2.4	4.29	3.81
3	3.46	6.18	5.48
4	6.14	11	9.75
5	9.6	17.2	15.2
6	13.8	24.7	21.9
7	18.8	33.7	29.8
8	24.6	40.7	36.1
10	38.4	63.5	56.4
12	55.3	91.5	81.2

7x7 STAINLESS STEEL



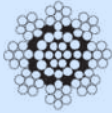
EN 12385-4

Nominal Dia. (mm)	Weight (kg/100m)		Minimum Breaking Load (kN)			
	Fiber Core	Steel Core	1770 Grade		1960 Grade	
			Fiber Core	Steel Core	Fiber Core	Steel Core
3 - 4	3.94	4.26	4.89	5.77	5.42	6.39
3 - 5	4.79	5.11	4.89	5.77	5.42	6.39
4 - 5	6.69	7.25	8.69	10.3	9.63	11.4
4 - 6	7.73	8.29	8.69	10.3	9.63	11.4
5 - 6	10.2	11	13.6	16	15	17.7
5 - 7	11.4	12.3	13.6	16	15	17.7
6 - 8	15.8	17	19.6	23.1	21.7	25.5
6 - 9	17.4	18.6	19.6	23.1	21.7	25.5
8 - 10	26.7	29	34.8	41	38.5	45.4
10 - 12	40.6	44.1	54.3	64.1	60.2	71
12 - 14	57.4	62.5	78.2	92.3	86.6	102
14 - 16	77.2	84	107	125	118	139
16 - 18	99.8	109	139	164	154	182

Note: Product of the coating material is PVC, PP, PE and UV stabilized is optional.

INNER CABLE FOR WINDOW REGULATOR

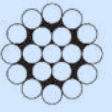
Nominal Dia. (mm)	Weight (kg/100m)	Weight (kg/100m)	Weight (kg/100m)
1.5	8X7+(1X19)	1.04	2.45
1.8	8X7+(1X19)	1.51	3.53
2	8X7+(1X19)	1.87	4.11
1.5	7X7	0.99	1.76
2	7X7	1.67	3.04



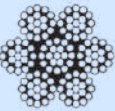
1x19 STAINLESS STEEL

DIN 3053

Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)	
		AISI 304 Grade 1770	AISI 316 Grade 1570
2	1.6	2.56	2.27
2.5	2.4	4	3.55
3	3.4	5.77	5.12
4	6.1	10.3	9.09
5	9.5	16	14.2
6	13.8	23.1	20.5
7	18.7	31.4	27.8
8	24.3	41	36.4
10	38.1	64.1	56.8
12	54.8	92.3	81.8
14	74.6	126	111
16	97.4	164	146



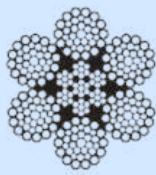
7x19 STAINLESS STEEL



EN 12385-4

Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)	
		AISI 304 Grade 1770	AISI 316 Grade 1570
2	1.6	2.56	2.27
2.5	2.4	4	3.55
3	3.4	5.77	5.12
4	6.1	10.3	9.09
5	9.5	16	14.2
6	13.8	23.1	20.5
7	18.7	31.4	27.8
8	24.3	41	36.4
10	38.1	64.1	56.8
12	54.8	92.3	81.8
14	74.6	126	111
16	97.4	164	146

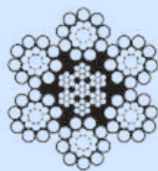
6xWS36+IWRC
STAINLESS STEEL



EN 12385-4

Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)	
		AISI 304 Grade 1770	AISI 316 Grade 1570
10	40.9	63	55.9
12	58.9	90.7	80.5
14	80.2	124	110
16	105	161	143
18	133	204	181
20	164	252	224
22	198	305	271
24	236	363	322
26	276	426	378
28	321	494	438

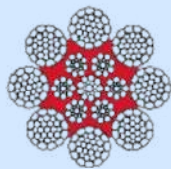
6xS19+IWRC
STAINLESS STEEL



EN 12385-4

Nominal Dia. (mm)	Weight (kg/100m)	Minimum Breaking Load (kN)	
		AISI 304 Grade 1770	AISI 316 Grade 1570
10	42.6	63	55.9
11	51.6	76.2	67.6
12	61.3	90.7	80.5
13	72	106	94.5
14	83.5	124	110
16	109	161	143
18	138	204	181
10	38.1	64.1	56.8

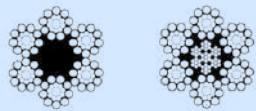
8xKWS26+EPIWRC



Nominal Dia. (inch)	Weight (lb/ft)	Minimum Breaking Load (lbs)	
		EPS	EEIPS
7/16	0.4	24,900	27,500
1/2	0.52	32,800	36,200
9/16	0.66	41,600	45,900
5/8	0.81	51,500	56,700
3/4	1.17	74,300	81,800
7/8	1.59	100,300	110,600
1	2.08	131,300	144,700
1 1/8	2.63	166,500	183,500
1 1/4	3.26	205,900	226,900

6xS19 / 6xFl25 / 6xWS26+FC / IWRC

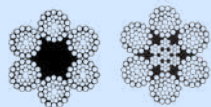
FS-RR-W-410 / API-9A



Nominal Dia. (Inch)	Weight (lb/ft)		Minimum Breaking Load (lbs)			
	Fiber Core	Steel Core	EPS		EIPS	
			Fiber Core	Steel Core	Fiber Core	Steel Core
1/4	0.11	0.12	5,480	5,880	6,020	6,800
5/16	0.16	0.18	8,520	9,160	9,380	10,540
3/8	0.24	0.26	12,200	13,120	13,420	15,100
7/16	0.32	0.35	16,540	17,780	18,200	20,400
1/2	0.42	0.46	21,400	23,000	23,600	26,600
9/16	0.53	0.58	27,000	29,000	29,800	33,600
5/8	0.66	0.72	33,400	35,400	36,800	41,200
3/4	0.95	1.04	47,600	51,200	52,400	58,800
7/8	1.29	1.41	64,400	69,200	70,800	79,600
1	1.68	1.85	83,600	89,800	92,000	103,400
1 1/8	2.13	2.34	105,200	113,000	115,800	130,000
1 1/4	2.63	2.89	129,200	138,800	142,200	159,800
1 3/8	3.18	3.49	155,400	167,000	171,000	192,000
1 1/2	3.78	4.16	184,000	197,800	202,000	228,000
1 5/8	4.44	4.88	214,000	230,000	236,000	264,000
1 3/4	5.15	5.66	248,000	266,000	272,000	306,000
1 7/8	5.91	6.49	282,000	304,000	310,000	348,000
2	6.73	7.39	320,000	344,000	352,000	396,000

6xWS36+FC / IWRC

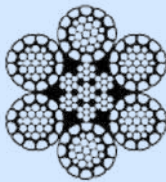
FS-RR-W-410 / API-9A



Nominal Dia. (Inch)	Weight (lb/ft)		Minimum Breaking Load (lbs)			
	Fiber Core	Steel Core	EPS		EIPS	
			Fiber Core	Steel Core	Fiber Core	Steel Core
1/4			5,480	5,880	6,020	6,800
5/16	0.16	0.18	8,520	9,160	9,380	10,540
3/8	0.24	0.26	12,200	13,120	13,428	15,100
7/16	0.32	0.35	16,540	17,780	18,200	20,400
1/2	0.42	0.46	21,400	23,000	23,600	26,600
9/16	0.53	0.58	27,000	29,000	29,800	33,600
5/8	0.66	0.72	33,400	35,400	36,800	41,200
3/4	0.95	1.04	47,600	51,200	52,400	58,800
7/8	1.29	1.41	64,400	69,200	70,800	79,600
1	1.68	1.85	83,600	89,800	92,000	103,400
1 1/8	2.13	2.34	105,200	113,000	115,800	130,000
1 1/4	2.63	2.89	129,200	138,800	142,200	159,800
1 3/8	3.18	3.49	155,400	167,000	171,000	192,000
1 1/2	3.78	4.16	184,000	197,800	202,000	228,000
1 5/8	4.44	4.88	214,000	230,000	236,000	264,000
1 3/4	5.15	5.66	248,000	266,000	272,000	306,000
1 7/8	5.91	6.49	282,000	304,000	310,000	348,000
2	6.73	7.39	320,000	344,000	352,000	396,000

6xWS36 COMPACTED

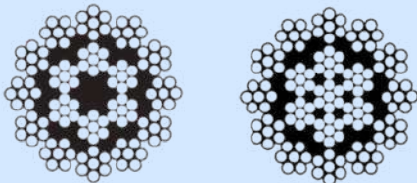
ASTM A1023



Nominal Dia. (inch)	Weight (lb/ft)	Minimum Breaking Load (lbs)	
		EPS	EEIPS
3/8	0.28	16,600	18,260
7/16	0.38	22,400	24,600
1/2	0.5	29,200	32,200
9/16	0.63	37,000	40,800
5/8	0.78	45,400	50,000
3/4	1.13	64,800	71,200
7/8	1.53	87,600	96,400
1	2	113,800	125,200
1 1/8	2.54	143,000	157,400
1 1/4	3.13	175,800	193,400
1 3/8	3.79	212,000	234,000

18x7 / 19x7

FS-RR-W-410 / API-9A

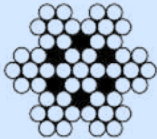


Nominal Dia. (inch)	Weight (lb/ft)		Minimum Breaking Load (lbs)	
	Fiber Core	Steel Core	IPS	EIPS
			Fiber or Steel Core	
1/4	0.11	0.11	5,020	5,540
5/16	0.17	0.18	7,800	8,600
3/8	0.24	0.26	11,180	12,300
7/16	0.33	0.35	15,160	16,660
1/2	0.43	0.45	19,700	21,600
9/16	0.55	0.57	24,800	27,200
5/8	0.68	0.71	30,600	33,600
3/4	0.97	1.02	43,600	48,000
7/8	1.32	1.39	59,000	65,000
1	1.73	1.82	76,600	84,400
1 1/8	2.19	2.3	96,400	106,200
1 1/4	2.7	2.84	118,400	130,200

7x7 GALVANIZED CABLE

MIL DTS-83420

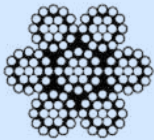
Nominal Dia. (inch)	Weight (lb/1000ft)	Minimum Breaking Load (lbs)
1/16	7.50	480
5/64	11.0	660
3/32	16.0	920
1/8	28.0	1,700
5/32	43.0	2,600
3/16	62.0	3,700
7/32	83.0	4,800
1/4	106	6,100
9/32	134	7,400
5/16	167	9,200
3/8	236	13,100



7x19 GALVANIZED CABLE

MIL DTS-83420

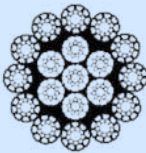
Nominal Dia. (inch)	Weight (lb/1000ft)	Minimum Breaking Load (lbs)
3/32	17.0	1,000
1/8	29.0	2,000
5/32	45.0	2,800
3/16	65.0	4,200
7/32	86.0	5,600
1/4	110	7,000
9/32	139	8,000
5/16	173	9,800
3/8	243	14,400



19xS19 COMPACTED

ASTM A1023

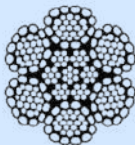
Nominal Dia. (inch)	Weight (lb/ft)	Minimum Breaking Load (lbs)	
		EPS	EEIPS
5/8	0.86	41,200	45,400
3/4	1.24	58,800	64,800
7/8	1.69	79,600	87,600
1	2.21	103,400	113,800



6xWS26 / 6xS19+IWRC SWAGED

ASTM A1023

Nominal Dia. (inch)	Weight (lb/ft)	Minimum Breaking Load (lbs)
1/2	0.55	31,000
9/16	0.7	39,200
5/8	0.87	48,400
3/4	1.25	69,800



7x7 GALVANIZED CABLE WITH COATING

MIL DTS-83420

Nominal Dia. (inch)	Weight (lb/ft)	Minimum Breaking Load (lbs)
1/16 - 3/32	1.09	480
1/16 - 1/8	1.51	480
3/32 - 1/8	2.13	920
3/32 - 3/16	3.31	920
1/8 - 3/16	4.17	1,900
3/16 - 1/4	8.29	3,700
1/4 - 5/16	13.5	6,100
5/16 - 3/8	20.5	9,200



7x19 GALVANIZED CABLE WITH COATING

MIL DTS-83420

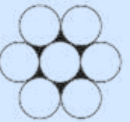
Nominal Dia. (inch)	Weight (lb/ft)	Minimum Breaking Load (lbs)
3/32 - 1/8	2.23	1,000
3/32 - 3/16	3.41	1,000
1/8 - 3/16	4.27	2,000
3/16 - 1/4	8.59	4,200
1/4 - 5/16	13.9	7,000
5/16 - 3/8	21.1	9,800



1x7 GUY STRAND CLASS A

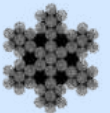
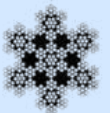
ASTM A 475

Nominal Dia. (inch)	Dia of Wire (Inch)	Weight (lb/ft)	Minimum Breaking Load (lbs)
			EHS
7/32	0.07	98.0	5,400
1/4	0.08	121	6,650
9/32	0.09	164	8,950
5/16	0.10	205	11,200
3/8	0.12	273	15,400
7/16	0.15	399	20,800
1/2	0.17	517	26,900



CABLE LAID

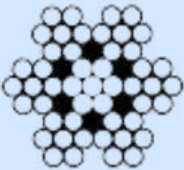
Nominal Dia. (inch)	Weight (lb/ft)		Minimum Breaking Load (lbs)	
	7X7X7	7X7X19	7X7X7	7X7X19
7/16	0.25	0.27	17,900	17,900
1/2	0.37	0.36	23,400	23,400
9/16	0.40	0.45	29,600	29,600
5/8	0.60	0.56	37,000	36,600
3/4	0.73	0.81	53,500	49,600
7/8	0.98	1.05	72,300	63,500
1	1.28	1.38	94,700	84,000



7x7 STAINLESS STEEL

MIL DTL-83420

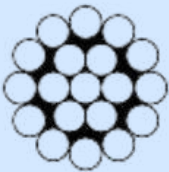
Nominal Dia. (inch)	Weight (lb/1000ft)	Minimum Breaking Load (lbs)	
		ASI 304	ASI 316
3/64	4.20	280	240
1/16	7.50	480	420
5/64	11.0	660	580
3/32	16.0	920	820
1/8	28.0	1,760	1,560
5/32	43.0	2,400	2,140
3/16	62.0	3,700	3,300
7/32	83.0	5,000	4,460
1/4	106	6,400	5,700
9/32	134	7,800	6,940
5/16	167	9,000	8,020
3/8	236	12,000	10,680



1x19 STAINLESS STEEL

MIL DTL-87161

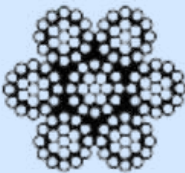
Nominal Dia. (inch)	Weight (lb/1000ft)	Minimum Breaking Load (lbs)
		ASI 304
1/16	8.50	500
5/64	14.0	800
3/32	20.0	1,200
7/64	27.0	1,600
1/8	35.0	2,100
5/32	55.0	3,300
3/16	77.0	4,700
7/32	102	6,300
1/4	135	8,200
5/16	210	12,500
3/8	300	17,500



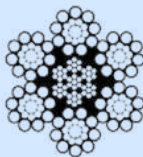
7x19 STAINLESS STEEL

MIL DTL-83420

Nominal Dia. (inch)	Weight (lb/1000ft)	Minimum Breaking Load (lbs)	
		ASI 304	ASI 316
3/64	4.20	280	240
1/16	7.50	480	420
5/64	11.0	660	580
3/32	16.0	920	820
1/8	28.0	1,760	1,560
5/32	43.0	2,400	2,140
3/16	62.0	3,700	3,300
7/32	83.0	5,000	4,460
1/4	106	6,400	5,700
9/32	134	7,800	6,940
5/16	167	9,000	8,020
3/8	236	12,000	10,680

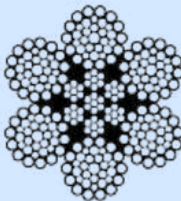


6xS19+IWRC STAINLESS STEEL
FS-RR-W-410



Nominal Dia. (inch)	Weight (lb/1000ft)	Minimum Breaking Load (lbs)	
		ASI 304	ASI 316
3/8	0.26	11,980	10,660
7/16	0.35	16,300	14,520
1/2	0.46	22,800	20,300
9/16	0.58	28,500	25,380
5/8	0.72	35,000	31,160
3/4	1.04	49,600	44,140
7/8	1.41	66,500	59,200
1	1.85	85,400	76,000
1 1/8	2.34	106,400	94,700

6xWS36 STAINLESS STEEL
FS-RR-W-410



Nominal Dia. (inch)	Weight (lb/1000ft)	Minimum Breaking Load (lbs)	
		ASI 304	ASI 316
3/8	0.26	11,980	10,660
7/16	0.35	16,300	14,520
1/2	0.46	22,800	20,300
9/16	0.58	28,500	25,380
5/8	0.72	35,000	31,160
3/4	1.04	49,600	44,140
7/8	1.41	66,500	59,200
1	1.85	85,400	76,000
1 1/8	2.34	106,400	94,700

WIRE ROPE ACCESSORIES

LIFTFLOW
LIFTING SOLUTIONS



Wire Rope Terminations and Fittings



Master Link



Master Link Assembly



Eye Self Locking Hook



Alloy Eye Hook



Swivel Hook



Foundry Hook



Chocker Hook



Sorting Hook



Wire Rope Clamb



Open Spelter Sockets



Closed Spelter Sockets



Closed Swage Sockets



Open Swage Sockets



Wedge Sockets



Aluminium Ferrule



Steel Ferrule



Solid Thimble



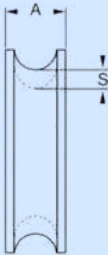
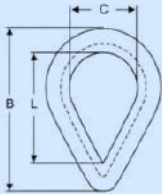
Aluminium Thimble



KT5960. Thimble acc. to BS 464

GALVANISED BS 464 THIMBLES

Rope Dia	A (mm)	A (mm)	A (mm)	A (mm)	A (mm)	Weight gs/10
1/4"	7	45	26	18	4	4.1
5/16"	8	54	33	22	4	6.5
3/8"	10	64	38	25	4.8	9.5
1/2"	14	80	44	32	5.6	13
5/8"	16	98	59	41	7.9	30
3/4"	21	123	73	51	9.5	51.5
7/8"	22	133	83	57	9.5	69
1"	27	162	108	70	10.3	99.5
1 1/8"	29	178	111	76	12.7	129
1 1/4"	33	197	133	95	12.7	145
1 3/8"	38	229	152	105	15.9	238
1 1/2"	41	254	165	114	17.5	340
1 5/8"	43	254	165	114	17.5	499
1 3/4"	51	286	178	127	25.4	532
2"	64	330	203	140	28.6	695

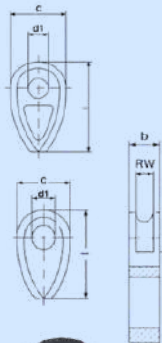


The thimbles detailed above will meet the performance requirements of the new Standard BS-EN-13411

KT5960. Solid Thimble acc. to DIN 3091

GALVANISED SOLID THIMBLE

Rope Dia	A (mm)	A (mm)	A (mm)	A (mm)	A (mm)	Weight gs/10
8	9	15	14	40	66	0.181
10	11	18	18	50	82	0.318
12	13	20	21	60	98	0.515
14	16	24	25	70	114	0.799
16	18	26	28	80	130	0.895
18	20	29	31	90	145	1,211
20	22	31	35	100	161	1,610
22	24	34	38	110	177	2,110
24	26	36	41	120	193	2,710
26	29	40	44	130	209	3,550
28	32	42	47	138	223	—
32	35	47	53	160	256	—
36	42	53	60	172	290	—



With standard bore hole (d1) **Surface:** standard uncoated **Version:** galvanised or hot-dipped galvanised on request

Available up to nominal size80. Option: bore hole with tolerance zone acc. to DIN ISO 286

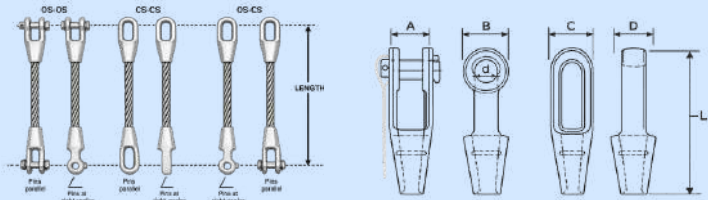
Lift Flow Global offers wire rope assemblies for boom pendants, guy lines, lifting bridles, backstays, raising lines, and other lifting applications. Assemblies are available with both poured (spelter) sockets and mechanically swaged sockets, designed with a 5:1 design factor to ensure reliable performance and safety.

WIRE ROPE ASSEMBLIES SWAGED & SPELTER SOCKETS

When ordering, specify the end fitting type:

- OS – Open Socket
- CS – Closed Socket

This allows the assembly to be configured to suit your specific application requirements.

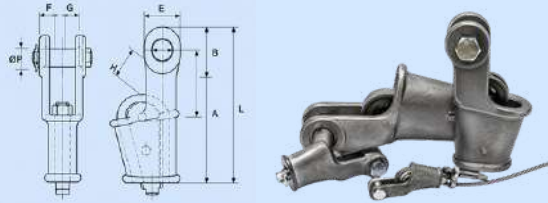


KT5884. WEDGE SOCKET

Wedge socket, galvanised for rope $\varnothing$ from 7 to 76 mm

Available with:

- Bolt and Pin
- Bolt, Nut and Pin



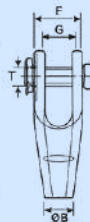
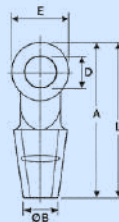
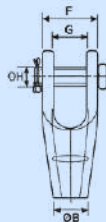
Type	Min. breaking load in kg	For Rope $\varnothing$ (mm)	Dimensions in mm								Weight (kg/pce)
			A	D	E	F	G	H	$\varnothing H$	X	
OWS025	8000	7-8	130	20	34	9	18	110	17.5	40	0.7
OWS0.5	12000	9-10	150	23	40	11	20.5	125	20.6	45	1.2
OWS1	20000	11-13	183	27	48	13	25.6	156	25.4	60	2.3
OWS2	25000	14-16	224	32	56	15	32	192	30	65	3.6
OWS3	40000	17-19	272	40	70	17	38	232	35	70	6.3
OWS4	55000	20-22	312	48	80	21	45	264	41	80	10.3
OWS5	75000	23-26	370	58	100	23	51	312	51	90	16
OWS6	90000	27-29	413	65	110	25	57	348	57	100	21.5
OWS7	110000	30-32	455	71	122	28	63	384	63	110	30
OWS8	125000	34-36	508	76	132	28	70	432	63	125	36
OWS9	150000	37-39	548	80	140	30	76	468	70	140	50
OWS10	170000	40-42	589	85	150	33	76	504	76	155	60

OPEN SPELTER SOCKET FORM C ACC. TO DIN 83313 WITH BOLT, NUT, AND PIN

OPEN SPELTER SOCKET FORM B ACC. TO DIN 83313

Material: GS-45.1
Finish: natural

Material: GS-45.1
Finish: natural

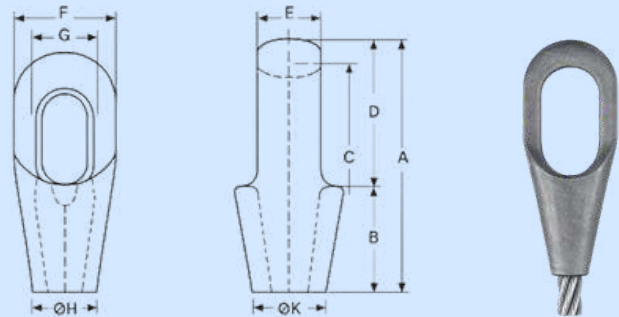


Open Spelter Socket, METRIC DIMENSIONS.

Model No.	MBL (Mtons)	Inch Dimensions		Approx. Resin Volume (cc)	Dimensions in mm										Weight (kg)
		For Rope (mm)	Wire Rope (inch)		A	B	C	D	E	F	G	oH	oK	oP	
1182.OSS.196P	8	6-7	1/4	10	106	46	40	19	34	9	18	10	20	1/5	0.4
1182.OSS.197P	12	8-10	3/8	20	122	54	45	23	40	11.2	20.6	13.5	26	20.6	0.8
1182.OSS.198P	20	11-13	7/16-1/2	35	142	64	51	27	45	12.7	25.6	15	30	25	1.1
1182.OSS.199P	25	14-16	9/16-5/8	50	171	70	63	32	56	14.5	32	18.5	38.5	30	1
1182.OSS.100P	40	18-19	3/4	60	205	89	76	40	68	16.5	38	22.5	46	35	3.2
1182.OSS.104P	55	20-22	7/8	125	236	101	89	46	80	20.5	45	26.5	55	41	5.3
1182.OSS.108P	80	23-26	1	160	273	114	101	58	98	22.5	51	29.5	62	53	4.4
1182.OSS.111P	100	27-30	1 1/8	210	306	127	114	65	110	25	57	34	70	57	11.3
1182.OSS.115P	130	31-36	1 1/4-1 3/8	350	338	139	127	72	124	28	63	40	83	63	14
1182.OSS.118P	160	37-39	1 1/2	425	394	152	162	80	140	30	16	44.5	90	70	23
1182.OSS.120P	200	40-42	1 5/8	500	415	165	165	85	146	33.5	76	48	97	76	29
1182.OSS.125P	250	43-48	1 3/4-1 7/8	700	467	101	178	98	170	39	89	53.5	112	89	43
1182.OSS.128P	300	49-54	2-2 1/8	1,250	552	216	228	108	180	46	101	58.5	126	95	44
1182.OSS.130P	375	55-60	2 1/4-2 3/8	1,425	603	229	254	120	210	53	113	68.5	135	108	85
1182.OSS.132P	450	61-68	2 1/2-2 5/8	1,850	654	248	273	133	230	60	127	77.5	150	121	119
1182.OSS.136P	500	69-75	2 3/4-2 7/8	2,300	696	279	279	136	240	73	133	83	160	122	159
1182.OSS.138P	600	76-80	3-3 1/8	3,400	736	305	286	145	250	76	148	89	170	113	186
1182.OSS.140P	650	81-86	3 1/4-3 3/8	4,100	700	330	300	160	275	79	159	95	180	140	227
1182.OSS.142P	760	87-93	3 1/2-3 5/8	5200	849	355	318	300	82	172	99	200	152	280	280
1182.OSS.146P	1200	108-115	4 1/4-4 1/2	10500	1110	440	450	220	370	100	205	125	250	195	525

CLOSED SPELTER SOCKET FORM A
 ACC, TO DIN 83313

Form A
 Material: GS-45.1
 Finish: natural



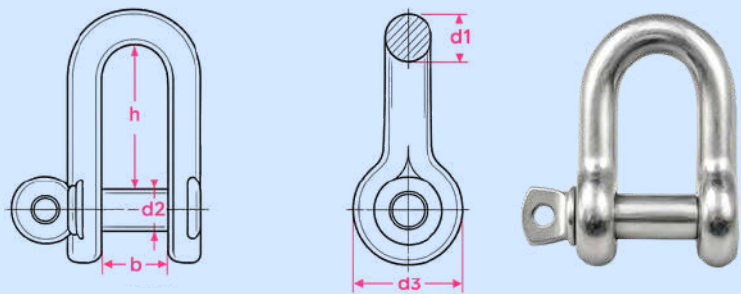
Open Spelter Socket, METRIC DIMENSIONS.

Model No.	MBL (Mtons)	Inch Dimensions		Approx. Resin Volume (cc)	Dimensions in mm									Weight (kg)
		For Rope (mm)	Wire Rope (inch)		A	B	C	D	E	F	G	oH	oK	
1181.CSS.296	8	6-7	1/4	10	102	46	45	11	14	38	22	10	20	0.3
1181.CSS.297	12	8-10	3/8	20	120	54	52	14	17.5	44	24	13.5	26	0.5
1181.CSS.298	20	11-13	7/16-1/2	35	140	64	59	17	23	53	30	15	30	0.7
1181.CSS.299	25	14-16	9/16-5/8	60	162	76	65	21	26	67	36	18.5	38.5	1.3
1181.CSS.200	40	18-19	3/4	80	194	89	78	27	32	77	42	22.5	46	2.1
1181.CSS.201	55	20-22	7/8	125	224	101	90	33	38	92	50	26.8	55	3.6
1181.CSS.204	80	23-26	1	160	253	114	103	36	45	101	57	29.5	62	5.1
1181.CSS.207	100	27-30	1 1/8	210	282	127	116	39	51	114	65	34	70	7
1181.CSS.212	130	31-36	1 1/4-1 3/8	350	312	139	130	43	57	127	71	40	83	10.4
1181.CSS.216	160	37-39	1 1/2	425	358	152	155	51	63	140	80	44.6	90	15
1181.CSS.217	200	40-42	1 5/8	500	390	165	171	54	70	148	84	48	97	18.5
1181.CSS.219	250	43-48	1 3/4-1 7/8	700	443	190	198	55	76	171	95	53	112	27.5
1181.CSS.222	300	49-54	2-2 1/8	1,250	502	216	224	62	82	193	111	58.5	125	39.5
1181.CSS.224	375	55-60	2 1/4-2 3/8	1,425	550	229	248	73	92	219	125	68.5	135	51
1181.CSS.226	450	61-68	2 1/2-2 5/8	1,850	597	248	270	79	102	241	140	77.5	150	57
1181.CSS.227	500	69-75	2 3/4-2 7/8	2,300	644	279	285	79	124	273	159	83	160	96
1181.CSS.228	600	76-80	3-3 1/8	3,400	689	305	298	86	133	292	171	89	170	116
1181.CSS.229	650	81-86	3 1/4-3 3/8	4,100	738	330	311	95	146	311	184	95	180	142
1181.CSS.230	750	87-93	3 1/2-3 5/8	5,200	788	356	330	102	159	330	197	99	200	176
1181.CSS.231	900	94-102	3 3/4-4	7,700	845	381	356	108	178	362	216	110	215	230
1181.CSS.233	1200	108-115	4 1/4-4 1/2	10500	965	440	400	125	190	405	235	128	250	315

STANDARD : BS EN 13889

KT5630. HIGH STRENGTH DEE SHACKLE WITH SCREW PIN

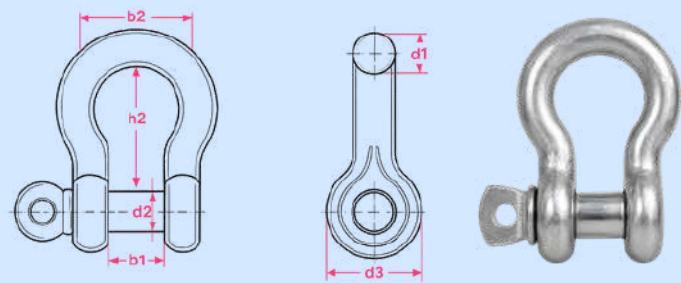
- Stamped with load capacity (WLL/kg), nominal size and manufacturer's mark
- Safety factor: minimum breaking load = 6 times WLL
- Material: forged high-tensile steel
- Finish: bow hot-dip galvanised, pin painted
- With forged usable load and nominal size



WLL (t)	Nominal Size (inches)	Dimensions in mm					Weight (kg/pce)
		A	B	C	D	E	
0.5	1/4	6	8	16	12	19	0.05
0.75	5/16	8	10	19	13	25	0.08
1	3/8	11	11	24	18	31	0.13
1.5	7/16	11	14	27	18	36	0.19
2	1/2	13	16	30	21	41	0.31
3.25	5/8	17	19	38	27	51	0.55
4.75	3/4	19	22	47	32	60	0.96
6.5	7/8	22	25	54	36	71	1.41
8.5	1	25	28	60	43	81	2.03
9.5	1 1/8	29	33	66	46	90	2.97
12	1 1/4	32	36	76	52	100	4.01
13.5	1 3/8	35	39	84	57	113	5.4
17	1 1/2	38	42	92	60	124	7.29
25	1 3/4	44	52	109	73	146	11.25
35	2	51	60	127	83	171	16.2
55	2 1/2	63	72	150	106	203	33.3

KT5650. HIGH STRENGTH BOW SHACKLE WITH SCREW PIN

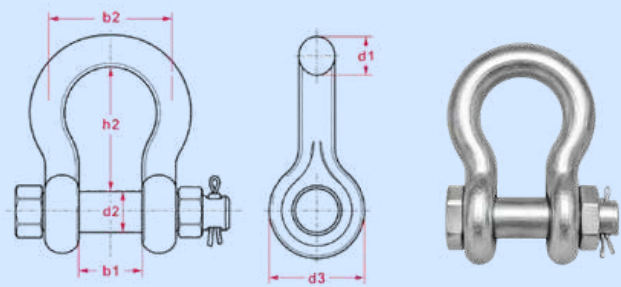
- Stamped with Working Load Limit (WLL), nominal size, and manufacturer’s identification mark.
- Safety Factor: Minimum breaking load is 6 times the WLL.
- Manufactured from forged high-tensile steel.
- Finish: Bow hot-dip galvanized, pin painted.
- Forged markings indicate WLL and nominal size.



WLL (t)	Nominal Size (inches)	Dimensions in mm						Weight (kg/pce)
		d1 Bow	d2	d3 Ball	b1	b2	h2	
0.33	3/16	6	6	14	10	14	23	0.026
0.5	1/4	6	8	17	12	17	28	0.05
0.75	5/16	8	10	21	13	21	31	0.08
1	3/8	11	11	24	18	25	35	0.14
1.5	7/16	11	14	28	18	28	42	0.22
2	1/2	13	16	30	21	30	48	0.33
3.25	5/8	17	19	38	27	42	61	0.65
4.75	3/4	19	22	48	32	48	71	0.97
6.5	7/8	22	25	57	36	57	84	1.46
8.5	1	25	28	62	43	62	95	2.39
9.5	1 1/8	29	33	69	46	69	103	3.15
12	1 1/4	32	36	78	52	78	119	4.32
13.5	1 3/8	35	39	86	57	86	133	5.67
17	1 1/2	38	42	94	60	94	146	7.79
25	1 3/4	44	52	112	73	112	178	12.51
35	2	51	60	135	83	135	197	18.5
55	2 1/2	63	72	158	106	158	267	37.58

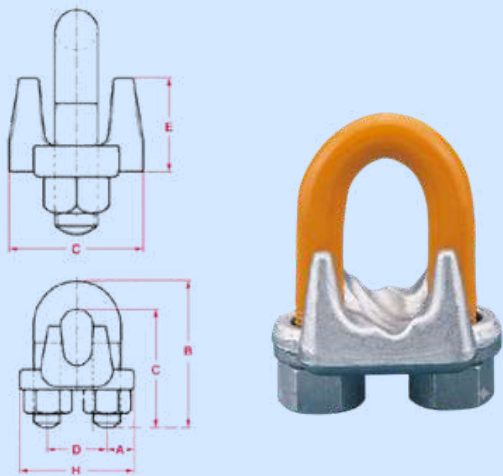
KT5660. HIGH STRENGTH BOW SHACKLE WITH BOLT, NUT AND COTTER PIN

- With forged usable load and nominal size
- Stamped with load capacity (WLL/kg), nominal size and manufacturer's mark
- Safety factor: minimum breaking load = 6 times WLL
- Material: forged high-tensile steel
- Finish: bow hot-dip galvanised, pin painted



WLL (t)	Nominal Size (inches)	Dimensions in mm						Weight (kg/pce)
		d1	d2	d3	b1	b2	h2	
0.5	1/4	6	8	17	12	19	28	0.07
0.75	5/16	8	10	21	13	21	31	0.1
1	3/8	11	11	24	18	25	35	0.18
1.5	7/16	11	14	28	18	29	42	0.25
2	1/2	13	16	30	21	33	48	0.37
3.25	5/8	17	19	38	27	42	61	1
4.75	3/4	19	22	48	32	51	71	1
6.5	7/8	22	25	57	36	58	84	2
8.5	1	25	28	62	43	68	95	3
9.5	1 1/8	29	33	69	46	74	109	4
12	1 1/4	32	36	78	52	82	119	5
13.5	1 3/8	35	39	86	57	92	133	7
17	1 1/2	38	42	94	60	98	146	9
25	1 3/4	44	52	112	73	127	178	14
35	2	51	55	127	83	146	197	21
55	2 1/2	64	70	152	105	184	267	40
85	3	76	85	200	127	200	330	62
120	3 1/2	92	95	203	133	232	374	109
150	4	100	107	228	140	250	372	130

KT5830. GALVANISED DROP FORGED WIRE ROPE GRIPS

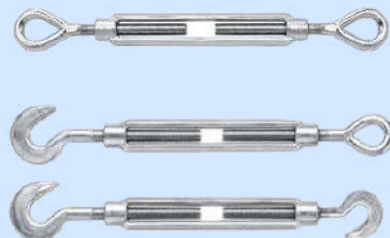


Rope Size		Dimensions in mm							
in.	mm	A	B	C	D	E	F	G	H
1/4	6-7	0.31	1.03	1	0.75	1	1	1.19	1.43
5/16	8	0.38	1.38	1	1	1	1	1.31	1.66
3/8	9-10	0.44	1.5	1	1	0.91	1	1.63	1.94
1/2	12-13	0.5	1.88	1	1	1.13	1	1.91	2.28
9/16	14-15	0.56	2.25	1	1	1	1	2.06	2.5
5/8	16	0.56	2.25	1	1	1	1	2.06	2.5
3/4	18-20	1	2.75	1	2	1	1	2.25	2.84
7/8	22	0.75	3.12	2	2	2	1	2.44	3.16
1	24-26	0.75	4	2	2	2	1	2.63	3.47
1-1/8	28-30	0.75	4	2	2	2	1	2.81	3.59
1-1/4	32-34	0.88	4.44	2	2	2	1	3.13	4.13
1-3/8	36	0.88	4.44	2	2	2	1	3.13	4.19
1-1/2	38	0.88	5	2	3	2	1	3.41	4.44
1-3/4	44-46	1.13	6	3	3	3	2	3.81	5.24
2	48-52	1.25	6	3	3	3	2	4.44	5.88
2-1/4	56-58	1.25	7.13	3	4	3	2	4.56	6.38
2-1/2	62-65	1.25	7.69	3.44	4.13	3.69	2	4.69	6.63
2-3/4	68-72	1.25	8.31	3.56	4.38	4.88	2	5	6.88
3	75-78	1.5	9.19	3.88	4.75	4.44	2.38	5.31	7.61
3-1/2	85-90	1.5	10.75	4.5	5.5	6	2.38	6.19	8.38

Above grip meets the performance requirements of US Federal Spec FF-C-450

KT5732. TURNBUCKLES WITH EXTRA LONG ADJUSTMENT RANGE, SIMILAR TO ASTM F 1145-92, FORGED, SURFACE TEMPERED, WITH 2 EYES

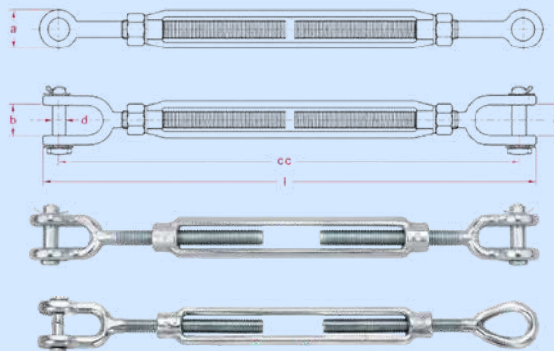
- Material: Drop-forged, high-tensile steel SAE 1035 or 1045
- Safety Factor: Minimum breaking load is 5 times the WLL
- Standard: Manufactured in accordance with ASTM F1145-92 (formerly U.S. Federal Specification FF-T-791b)
- Surface Finish: Hot-dip galvanised
- Certificates: Available on request
- On request, some sizes are also available as item no. 5731. turnbuckle with extra long adjustment range, acc. to US Federal specification FF-T791b, forged, surface tempered, with hook and eye



WLL (t)	Thread size a in inches	Adjustment range in inches	Dimensions in mm							Weight (kg/pce)
			Length Closed b	Length Open c	Length d	Diameter e	Inner Width of Eye f	Inner Length of Eye g	Length Closed h	
0,54	3/8	6	302	416	180	9	13	28	65	0,47
1	1/2	6	338	452	190	12	18	36	80	0,84
1	1/2	9	414	585	270	12	18	36	80	1,05
1	1/2	12	490	719	345	12	18	36	80	1,26
1,59	5/8	6	394	508	205	14	21	43	98	1,35
1,59	5/8	9	470	641	280	14	21	43	98	1,60
1,59	5/8	12	546	775	355	14	21	43	98	1,92
2,36	3/4	6	432	546	210	17	25	53	113	2,03
2,36	3/4	9	508	679	285	17	25	53	113	2,49
2,36	3/4	12	584	813	365	17	25	53	113	2,65
2,36	3/4	18	737	1,080	520	17	25	53	113	3,06
3,27	7/8	12	625	854	375	20	31	59	118	3,98
3,27	7/8	18	778	1,121	530	20	31	59	118	5,12
4,54	1	6	524	638	230	22	36	74	155	4,35
4,54	1	12	676	905	385	22	36	74	155	5,92
4,54	1	18	829	1,172	540	22	36	74	155	7,17
4,54	1	24	980	1,437	690	22	36	74	155	7,52
6,91	1 1/4	12	760	989	390	29	45	88	197	9,8
6,91	1 1/4	18	912	1,255	540	29	45	88	197	11,31
6,91	1 1/4	24	1,064	1,521	690	29	45	88	197	12,1
9,71	1 1/2	12	823	1,052	400	32	54	105	215	14,2
9,71	1 1/2	18	975	1,318	560	32	54	105	215	16,5
9,71	1 1/2	24	1,128	1,585	710	32	54	105	215	17,1
12,71	1 3/4	18	1060	1403	575	38	60	119	254	23,1
12,71	1 3/4	24	1213	1670	725	38	60	119	254	26,3
16,78	2	24	1315	1772	750	45	69	146	308	40,7
27,22	2 1/2	24	1486	1943	800	51	79	165	344	64
34,02	2 3/4	24	1562	2019	800	57	83	178	381	88

KT5734. TURNBUCKLES WITH EXTRA LONG ADJUSTMENT RANGE, SIMILAR TO ASTM F 1145-92, FORGED SURFACE TEMPERED, WITH 2 FORKS

- Material: Drop-forged, high-tensile steel SAE 1035 or 1045
- Safety Factor: Minimum breaking load is 5 times the WLL
- Standard: Manufactured in accordance with ASTM F1145-92 (formerly U.S. Federal Specification FF-T-791b)
- Surface Finish: Hot-dip galvanised
- Certificates: Available on request

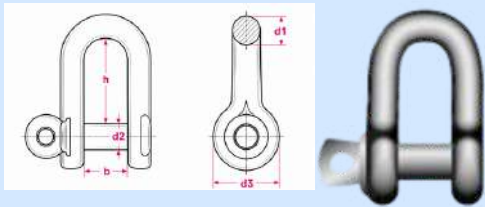


WLL (t)	Thread size a in inches	Adjustment range in inches	Dimensions in mm								Weight (kg/pce)
			Length Closed b	Length Closed c	Length Open d	Inner Width Fork e	Inner Length Fork f	Bolt Diameter g	Material Thickness Eye h	Diameter Eye i	
0,54	3/8	6	274	302	416	13	22	8	8	21	0,57
1	1/2	6	306	338	452	16	26	9,5	10	25	0,96
1	1/2	9	380	414	585	16	26	9,5	10	25	1,18
1	1/2	12	456	490	719	16	26	9,5	10	25	1,50
1,59	5/8	6	346	394	508	18	33	13	13	33	1,84
1,59	5/8	9	421	470	641	18	33	13	13	33	2,12
1,59	5/8	12	497	546	775	18	33	13	13	33	2,56
2,36	3/4	6	369	432	546	23	38	15,5	16	41	2,68
2,36	3/4	9	443	508	679	23	38	15,5	16	41	3,03
2,36	3/4	12	519	584	813	23	38	15,5	16	41	3,29
2,36	3/4	18	671	737	1080	23	38	15,5	16	41	3,65
3,27	7/8	12	551	618	854	27	44	19	18	48	4,90
3,27	7/8	18	705	772	1121	27	44	19	18	48	5,95
4,54	1	6	448	524	638	30	52	22	20	54	5,21
4,54	1	12	598	676	905	30	52	22	20	54	6,96
4,54	1	18	751	829	1172	30	52	22	20	54	8,95
4,54	1	24	902	980	1437	30	52	22	20	54	7,85
6,91	1 1/4	12	657	753	989	44	73	29	25	67	11,9
6,91	1 1/4	18	809	905	1255	44	73	29	25	67	14
6,91	1 1/4	24	962	1,058	1521	44	73	29	25	67	13
9,71	1 1/2	12	689	804	1052	52	70	35	27	80	16,9
9,71	1 1/2	18	841	956	1318	52	70	35	27	80	18,7
9,71	1 1/2	24	994	1109	1585	52	70	35	27	80	18,4
12,71	1 3/4	18	918	1049	1403	59	85	41	33	90	25
12,71	1 3/4	24	1070	1201	1670	59	85	41	33	90	28,7
16,78	2	24	1136	1295	1772	64	93	51	39	108	45,4
27,22	2 1/2	24	1276	1476	1943	75	114	57	38	143	73
34,02	2 3/4	24	1334	1560	2019	89	110	70	42	156	98

STANDARD : BS EN 13889

KT5630. HIGH STRENGTH DEE SHACKLE WITH SCREW PIN

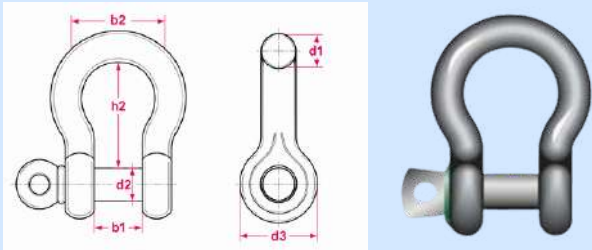
- Stamped with load capacity (WLL/kg), nominal size and manufacturer's mark
- Safety factor: minimum breaking load = 6 times WLL
- Material: forged high-tensile steel
- Finish: bow hot-dip galvanised, pin painted
- With forged usable load and nominal size



WLL (t)	Nominal Size (inches)	Dimensions in mm					Weight (kg/pce)
		A	B	C	D	E	
0.5	1/4	6	8	16	12	19	0.05
0.75	5/16	8	10	19	13	25	0.08
1	3/8	11	11	24	18	31	0.13
1.5	7/16	11	14	27	18	36	0.19
2	1/2	13	16	30	21	41	0.31
3.25	5/8	17	19	38	27	51	0.55
4.75	3/4	19	22	47	32	60	0.96
6.5	7/8	22	25	54	36	71	1.41
8.5	1	25	28	60	43	81	2.03
9.5	1 1/8	29	33	66	46	90	2.97
12	1 1/4	32	36	76	52	100	4.01
13.5	1 3/8	35	39	84	57	113	5.4
17	1 1/2	38	42	92	60	124	7.29
25	1 3/4	44	52	109	73	146	11.25
35	2	51	60	127	83	171	16.2
55	2 1/2	63	72	150	106	203	33.3

KT5650. HIGH STRENGTH BOW SHACKLE WITH SCREW PIN

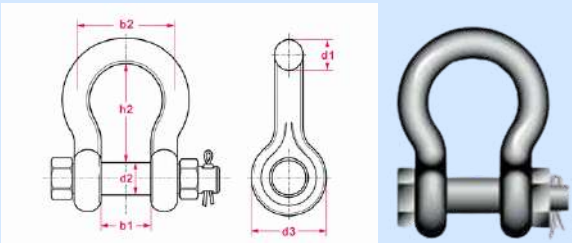
- Stamped with Working Load Limit (WLL), nominal size, and manufacturer’s identification mark.
- Safety Factor: Minimum breaking load is 6 times the WLL.
- Manufactured from forged high-tensile steel.
- Finish: Bow hot-dip galvanized, pin painted.
- Forged markings indicate WLL and nominal size.



WLL (t)	Nominal Size (inches)	Dimensions in mm						Weight (kg/pce)
		d1 Bow	d2	d3 Ball	b1	b2	h2	
0.33	3/16	6	6	14	10	14	23	0.026
0.5	1/4	6	8	17	12	17	28	0.05
0.75	5/16	8	10	21	13	21	31	0.08
1	3/8	11	11	24	18	25	35	0.14
1.5	7/16	11	14	28	18	28	42	0.22
2	1/2	13	16	30	21	30	48	0.33
3.25	5/8	17	19	38	27	42	61	0.65
4.75	3/4	19	22	48	32	48	71	0.97
6.5	7/8	22	25	57	36	57	84	1.46
8.5	1	25	28	62	43	62	95	2.39
9.5	1 1/8	29	33	69	46	69	103	3.15
12	1 1/4	32	36	78	52	78	119	4.32
13.5	1 3/8	35	39	86	57	86	133	5.67
17	1 1/2	38	42	94	60	94	146	7.79
25	1 3/4	44	52	112	73	112	178	12.51
35	2	51	60	135	83	135	197	18.5
55	2 1/2	63	72	158	106	158	267	37.58

KT5660. HIGH STRENGTH BOW SHACKLE WITH BOLT, NUT AND COTTER PIN

- With forged usable load and nominal size
- Stamped with load capacity (WLL/kg), nominal size and manufacturer's mark
- Safety factor: minimum breaking load = 6 times WLL
- Material: forged high-tensile steel
- Finish: bow hot-dip galvanised, pin painted



WLL (t)	Nominal Size (inches)	Dimensions in mm						Weight (kg/pce)
		d1	d2	d3	b1	b2	h2	
0.5	1/4	6	8	17	12	19	28	0.07
0.75	5/16	8	10	21	13	21	31	0.1
1	3/8	11	11	24	18	25	35	0.18
1.5	7/16	11	14	28	18	29	42	0.25
2	1/2	13	16	30	21	33	48	0.37
3.25	5/8	17	19	38	27	42	61	1
4.75	3/4	19	22	48	32	51	71	1
6.5	7/8	22	25	57	36	58	84	2
8.5	1	25	28	62	43	68	95	3
9.5	1 1/8	29	33	69	46	74	109	4
12	1 1/4	32	36	78	52	82	119	5
13.5	1 3/8	35	39	86	57	92	133	7
17	1 1/2	38	42	94	60	98	146	9
25	1 3/4	44	52	112	73	127	178	14
35	2	51	55	127	83	146	197	21
55	2 1/2	64	70	152	105	184	267	40
85	3	76	85	200	127	200	330	62
120	3 1/2	92	95	203	133	232	374	109
150	4	100	107	228	140	250	372	130



LIFTFLOW
LIFTING SOLUTIONS

HOISTS & MATERIAL HANDLING EQUIPMENT



MINI ELECTRIC HOISTS : MINI ELECTRIC WIRE ROPE HOIST



Model	Method of Use	Rated Volt (V)	Input Power (W)	Rated Load (kg)	Lifting Speed (m/min)	Lifting Height (m)	QKT/CTN (pcs)	Packing Size (cm)	G.W./N.W. (kg)
PA200L	Single-Hook	AC 220/230V 50/60Hz	510	100	10	12	2	38×32×25	22.5/22
	Double-Hook			200	5	6			
PA250L	Single-Hook		530	125	10	12			23/22
	Double-Hook			250	5	6			
PA300L	Single-Hook		600	150	10	12			23.5/23
	Double-Hook			300	5	6			
PA400L	Single-Hook		980	200	10	12		45×34×27	33.5/32.5
	Double-Hook			400	5	6			
PA500L	Single-Hook		1,020	250	10	12			33.5/32.5
	Double-Hook			500	5	6			
PA600L	Single-Hook		1,200	300	10	12			35/34
	Double-Hook			600	5	6			
PA800L	Single-Hook		1,300	400	10	12			38/37
	Double-Hook			800	5	6			
PA1000L	Single-Hook		1,600	500	8	12	1	54×45×32	32/31
	Double-Hook			1000	4	6			
PA1200L	Single-Hook		1,900	600	8	12			32.5/31.5
	Double-Hook			1200	4	6			

MINI ELECTRIC HOISTS : MINI ELECTRIC WIRE ROPE HOIST(B) SERIES



Model	Method of Use	Rated Volt (V)	Input Power (W)	Rated Load (kg)	Lifting Speed (m/min)	Lifting Height (m)	QKT/CTN (pcs)	Packing Size (cm)	G.W./N.W. (kg)
PA200L	Single-Hook	AC 220/230V 50/60Hz	510	100	10	12	2	38×32×25	22.5/22
	Double-Hook			200	5	6			
PA250L	Single-Hook		530	125	10	12			23/22
	Double-Hook			250	5	6			
PA300L	Single-Hook		600	150	10	12			23.5/23
	Double-Hook			300	5	6			
PA400L	Single-Hook		980	200	10	12		45×34×27	33.5/32.5
	Double-Hook			400	5	6			
PA500L	Single-Hook		1,020	250	10	12			33.5/32.5
	Double-Hook			500	5	6			
PA600L	Single-Hook		1,200	300	10	12			35/34
	Double-Hook			600	5	6			
PA800L	Single-Hook		1,300	400	10	12			38/37
	Double-Hook			800	5	6			
PA1000L	Single-Hook		1,600	500	8	12	1	54×25×32	32/31
	Double-Hook			1000	4	6			
PA1200L	Single-Hook		1,900	600	8	12			32.5/31.5
	Double-Hook			1200	4	6			

MINI ELECTRIC HOISTS : MINI ELECTRIC WIRE ROPE HOIST(L) SERIES



Model	Method of Use	Rated Volt (V)	Input Power (W)	Rated Load (kg)	Lifting Speed (m/min)	Lifting Height (m)	QKT/CTN (pcs)	Packing Size (cm)	G.W./N.W. (kg)
PA200L	Single-Hook	AC 110V 50/60Hz	510	100	10	12	2	38×32×25	22.5/22
	Double-Hook			200	5	6			
PA250L	Single-Hook		530	125	10	12			23/22
	Double-Hook			250	5	6			
PA300L	Single-Hook		600	150	10	12			23.5/23
	Double-Hook			300	5	6			
PA400L	Single-Hook		980	200	10	12		45×34×27	33.5/32.5
	Double-Hook			400	5	6			
PA500L	Single-Hook		1,020	250	10	12			33.5/32.5
	Double-Hook			500	5	6			
PA600L	Single-Hook		1,200	300	10	12			35/34
	Double-Hook			600	5	6			
PA800L	Single-Hook		1,300	400	10	12			38/37
	Double-Hook			800	5	6			
PA1000L	Single-Hook		1,600	500	8	12	1	54×25×32	32/31
	Double-Hook			1000	4	6			
PA1200L	Single-Hook		1,900	600	8	12			32.5/31.5
	Double-Hook			1200	4	6			

MINI ELECTRIC HOISTS : MINI ELECTRIC WIRE WINCHES



Model	Capacity (t)	Power (Voltage)		Phase	Wire Rope (mm)		Wire Rope Lift (m)		Speed (M/min)		Motor (kW)
									50Hz	60Hz	
KT-S160	160	100-120	200-240	1	5	4	28	43	19	23	1.2
KT-S180	180	100-120	200-240	1	5	4	28	43	19	23	1.3
KT-S230	230	100-120	200-240	1	5	4	28	43	19	23	1.3
KT-S250	250	100-120	200-240	1	5	4	28	43	19	23	1.5
KT-S300	300	100-120	200-240	1	5	4	28	43	19	23	2
KT-S280	280	100-120	200-240	1	5	-	58	-	12	19	1
KT-S360	360	100-120	200-240	1	5	-	58	-	12	19	2
KT-S500	500	100-120	200-240	1	6	-	30	-	13	20	2

Model	Capacity (t)	Power (Voltage)		Phase	Wire Rope (mm)		Wire Rope Lift (m)		Speed (M/min)		Motor (kW)
									50Hz	60Hz	
KT-T160	160	100-120	200-240	1	5	4	28	43	19	23	1.2
KT-T180	180	100-120	200-240	1	5	4	28	43	19	23	1.3
KT-T230	230	100-120	200-240	1	5	4	28	43	19	23	1.3
KT-T250	250	100-120	200-240	1	5	4	28	43	19	23	1.5
KT-T300	300	100-120	200-240	1	5	4	28	43	19	23	2
KT-T280	280	100-120	200-240	1	5	-	58	-	12	19	1
KT-T360	360	100-120	200-240	1	5	-	58	-	12	19	2
KT-T500	500	100-120	200-240	1	6	-	30	-	13	20	2

MINI ELECTRIC HOISTS : KT PUSH KTPE ELECTRIC WINCH



Model	TS1-300A	TS1-400A	TS1-500A	TS1-990/500A
Rated Load (kg)	300	400	500	990/500
Lifting Height (m)	24	24	24	20/40
Lifting Speed (m/min)	16/21	16-21	16	8/16
Steel Wire Rope Diameter (mm)	Φ6	Φ6	Φ7	Φ7
Voltage (V.AC) / Frequency (Hz)	1p 220-230V, 50/60Hz	1p 220-230V, 50/60Hz	1p 220-230V, 50/60Hz	1p 220-230V, 50/60Hz
Power (kW)	1.5	2	3	2.5
Capacitor (uF)	70uF/450V	80uF/450V	90uF/450V	90uF/450V
Current (A)	8.5	10	12	12
Net Weight (kg)	65	66	67	69
Working DuKT	S3 - 30%20min	S3 - 30%20min	S3 - 30%20min	S3 - 30%20min
Packaging Dimensions (cm)	80×34×47cm	80×34×47cm	80×34×47cm	80×34×47cm

ELECTRIC HOIST SERIES : KT1 ELECTRIC CHAIN HOIST WITH ELECTRIC TROLLEY



Item/Model	D2B012-01	D2B025-01	D2B050-01	D2B100-01	D2B200-02	D2B160-01	D2B200-01	D2B250-01	D2B320-02	D2B500-02
Capacity (kg)	125	250	500	1000	2000 (2 chain) / 2000 (double chain)	1600	2000	2500	3200 (2 chain) / 3200 (double chain)	5000 (2 chain) / 5000 (double chain)
Speed (m/min)	1 / 12	1 / 12	1 / 8	1 / 8	0.5 / 4	0.5 / 10	0.5 / 10	0.5 / 10	0.5 / 5	0.5 / 5
Rated Power (kW)	0.75	0.75	1	2.2	2.2	5.5	5.5	5.5	5.5	5.5
Lifting Height (m)	3 (Customizable)									
Control Mode	In-line Control Button / Remote Control Button									
Chain Specifications (mm)	5	5	5	7.1	7.1	9	11.2	11.2	9	11.2
Voltage	380V / 220V									
Working Class	3m / M6	3m / M6	3m / M6	2m / M5	2m / M5	2m / M5	2m / M5	2m / M5	2m / M5	2m / M5
Operating Temperature (°C)	-10°C ~ 55°C									

ELECTRIC HOIST SERIES : KT1 ELECTRIC CHAIN HOIST WITH ELECTRIC TROLLEY



Model	KT1 – Dual Speed Electric Chain Hoist							
	0.5-01S	01-01S	1.5-01S	02-01S	02-02S	03-01S	03-02S	05-02S
Capacity (t)	0.5t	1t	1.5t	2t	2t	3t	3t	5t
Lifting Speed (m/min)	7	7	8.8	6.6	3.3	5.4	4.4	2.7
Motor Power (kW)	0.8	1.5	3	3	1.5	3	3	3
Rotation Speed (r/min)	1440 r/min							
Insulation Grade	F Grade							
Power Supply	3 Phase, 200V–690V, 50/60Hz							
Control Voltage	24V / 36V / 48V							
No. of Chain	1	1	1	1	2	1	2	2
Specified Chain	Φ6.3	Φ7.1	Φ10.0	Φ10.0	Φ11.2	Φ11.2	Φ10	Φ11.2
Net Weight (kg)	47	61	108	115	73	122	131	151

Model	KT1 – Dual Speed Electric Chain Hoist (Dual-Speed Models)							
	0.5-01D	01-01D	1.5-01D	02-01D	02-02D	03-01D	03-02D	05-02D
Capacity (t)	0.5t	1t	1.5t	2t	2t	3t	3t	5t
Lifting Speed (m/min)	7.2 / 2.4	6.9 / 2.3	9.0 / 3.0	6.9 / 2.3	3.3 / 1.1	5.4 / 1.8	4.5 / 1.5	2.7 / 0.9
Motor Power (kW)	0.8 / 0.27	1.8 / 0.6	3.0 / 1.0	3.0 / 1.0	1.8 / 0.6	3.0 / 1.0	3.0 / 1.0	3.0 / 1.0
Rotation Speed (r/min)	2880 / 960							
Insulation Grade	F Grade							
Power Supply	3 Phase, 200V–690V, 50/60Hz							
Control Voltage	24V / 36V / 48V							
No. of Chain	1	1	1	1	2	1	2	2
Specified Load Chain	Φ6.3	Φ7.1	Φ10.0	Φ10.0	Φ11.2	Φ11.2	Φ10.0	Φ11.2
Net Weight (kg)	54	74	144	150	86	155	168	184

ELECTRIC HOIST SERIES : KT1 LOW HEADROOM ELECTRIC CHAIN HOIST



Model	KT1 – Single Speed							
	0.5-01S	01-01S	1.5-01S	02-01S	02-02S	03-01S	03-02S	05-02S
Capacity (t)	0.5t	1t	1.5t	2t	2t	3t	3t	5t
Lifting Speed (m/min)	7.2	6.6	8.8	6.6	3.3	5.4	4.4	2.7
Motor Power (kW)	0.8	2	3	3	1.5	3	3	3
Rotation Speed (r/min)	1440 r/min							
Insulation Grade	F Grade							
Power Supply	3 Phase, 200V–690V, 50/60Hz							
Control Voltage	24V / 36V / 48V							
No. of Chain	1	1	1	1	2	1	2	2
Specified Load Chain	Φ6.3	Φ7.1	Φ10.0	Φ10.0	Φ11.2	Φ11.2	Φ10	Φ11.2
Net Weight (kg)	47	61	108	115	73	122	131	151

Model	KT1 – Dual Speed							
	0.5-01D	01-01D	1.5-01D	02-01D	02-02D	03-01D	03-02D	05-02D
Capacity (t)	0.5t	1t	1.5t	2t	2t	3t	3t	5t
Lifting Speed (m/min)	7.2/2.4	6.9/2.3	9.0/3.0	6.9/2.3	3.3/1.1	5.4/1.8	4.5/1.5	2.7/0.9
Motor Power (kW)	0.8/0.27	1.8/0.6	3.0/1.0	3.0/1.0	1.8/0.6	3.0/1.0	3.0/1.0	3.0/1.0
Rotation Speed (r/min)	2880 / 960							
Insulation Grade	F Grade							
Power Supply	3 Phase, 200V–690V, 50/60Hz							
Control Voltage	24V / 36V / 48V							
No. of Chain	1	1	1	1	2	1	2	2
Specified Load Chain	Φ6.3	Φ7.1	Φ10.0	Φ10.0	Φ7.1	Φ11.2	Φ10.0	Φ11.2
Net Weight (kg)	54	74	144	150	86	159	168	184

ELECTRIC HOIST SERIES :

EUROPEAN ELECTRIC CHAIN HOIST WITH ELECTRIC TROLLEY



Model	Capacity (kg)	Lifting Speed (m/min)	Motor Power (kW)	Motor Speed (r/min)	Working Voltage (V)	Control Voltage (V)	Working Grade (FEM/ISO)
KT 0.125-01M	125	8/2	0.4/0.1	2880/720	220-460	24	2M/M5
KT 0.125-01M	125	16/4	0.4/0.1	2880/720	220-460	24	2M/M5
KT 0.25-01M	250	8/2	0.4/0.1	2880/720	220-460	24	2M/M5
KT 0.25-01M	250	12/3	0.8/0.2	2880/720	220-460	24	2M/M5
KT 0.25-01M	250	16/4	1.8/0.45	2880/720	220-460	24	2M/M5
KT 0.5-01M	500	8/2	0.8/0.2	2880/720	220-460	24	2M/M5
KT 0.5-01M	500	12/3	1.8/0.45	2880/720	220-460	24	2M/M5
KT 0.5-01M	500	24/6	2.3/0.6	2880/720	220-460	24	2M/M5
KT 0.5-01M	500	16/4	2.3/0.6	2880/720	220-460	24	2M/M5
KT 0.5-02M	500	4/1	0.4/0.1	2880/720	220-460	24	2M/M5
KT 01-01M	1000	12/3	2.3/0.6	2880/720	220-460	24	2M/M5
KT 01-01M	1000	8/2	1.8/0.45	2880/720	220-460	24	2M/M5
KT 01-01M	1000	6/1.5	1.8/0.45	2880/720	220-460	24	2M/M5
KT 01-02M	1000	4/1	0.8/0.2	2880/720	220-460	24	2M/M5
KT 01-01M	1000	16/4	3.6/0.9	2880/720	220-460	24	2M/M5
KT 1.6-01M	1600	12/3	3.6/0.9	2880/720	220-460	24	2M/M5
KT 02-01M	2000	8/2	3.6/0.9	2880/720	220-460	24	2M/M5
KT 02-02M	2000	4/1	1.8/0.45	2880/720	220-460	24	2M/M5
KT 02-01M	2000	6/2	3.6/1.2	1440/480	220-460	24	2M/M5
KT 2.5-01M	2500	8/2	4/1	2880/720	220-460	24	2M/M5
KT 2.5-01M	2500	6/2	4/1.3	1440/480	220-460	24	2M/M5
KT 2.5-01M	2500	4/1.35	4/1.3	1440/480	220-460	24	2M/M5
KT 3.2-02M	3200	4/1	3.6/0.9	2880/720	220-460	24	2M/M5
KT 3.2-02M	3200	6/1.5	4/1	2880/720	220-460	24	2M/M5
KT 3.2-02M	3200	3/1	3.6/1.2	1440/480	220-460	24	2M/M5
KT 05-02M	5000	4/1	4/1	2880/720	220-460	24	2M/M5
KT 05-02M	5000	3/1	4/1.3	1440/480	220-460	24	2M/M5

ELECTRIC HOIST SERIES : EUROPEAN ELECTRIC CHAIN HOIST WITH HOOK



Model	Capacity (kg)	Lifting Speed (m/min)	Motor Power (kW)	Motor Speed (r/min)	Working Voltage (V)	Control Voltage (V)	Working Grade (FEM/ISO)
KT 0.125-01M	125	8/2	0.4/0.1	2880/720	220-460	24	2M/M5
KT 0.125-01M	125	16/4	0.8/0.2	2880/720	220-460	24	2M/M5
KT 0.25-01M	250	8/2	0.4/0.1	2880/720	220-460	24	2M/M5
KT 0.25-01M	250	12/3	0.8/0.2	2880/720	220-460	24	2M/M5
KT 0.25-01M	250	16/4	1.8/0.45	2880/720	220-460	24	2M/M5
KT 0.5-01M	500	8/2	0.8/0.2	2880/720	220-460	24	2M/M5
KT 0.5-01M	500	12/3	1.8/0.45	2880/720	220-460	24	2M/M5
KT 0.5-01M	500	24/6	2.3/0.6	2880/720	220-460	24	2M/M5
KT 0.5-01M	500	16/4	2.3/0.6	2880/720	220-460	24	2M/M5
KT 0.5-02M	500	4/1	0.4/0.1	2880/720	220-460	24	2M/M5
KT 01-01M	1000	12/3	2.3/0.6	2880/720	220-460	24	2M/M5
KT 01-01M	1000	8/2	1.8/0.45	2880/720	220-460	24	2M/M5
KT 01-01M	1000	6/1.5	1.8/0.45	2880/720	220-460	24	2M/M5
KT 01-02M	1000	4/1	0.8/0.2	2880/720	220-460	24	2M/M5
KT 01-01M	1000	16/4	3.6/0.9	2880/720	220-460	24	2M/M5
KT 1.6-01M	1600	12/3	3.6/0.9	2880/720	220-460	24	2M/M5
KT 02-01M	2000	8/2	3.6/0.9	2880/720	220-460	24	2M/M5
KT 02-02M	2000	4/1	1.8/0.45	2880/720	220-460	24	2M/M5
KT 02-01M	2000	6/2	3.6/1.2	1440/480	220-460	24	2M/M5
KT 2.5-01M	2500	8/2	4/1	2880/720	220-460	24	2M/M5
KT 2.5-01M	2500	6/2	4/1.3	1440/480	220-460	24	2M/M5
KT 2.5-01M	2500	4/1.35	4/1.3	1440/480	220-460	24	2M/M5
KT 3.2-02M	3200	4/1	3.6/0.9	2880/720	220-460	24	2M/M5
KT 3.2-02M	3200	6/1.5	4/1	2880/720	220-460	24	2M/M5
KT 3.2-02M	3200	3/1	3.6/1.2	1440/480	220-460	24	2M/M5
KT 05-02M	5000	4/1	4/1	2880/720	220-460	24	2M/M5
KT 05-02M	5000	3/1	4/1.3	1440/480	220-460	24	2M/M5

ELECTRIC HOIST SERIES : KT1 ELECTRIC CHAIN HOIST WITH HOOK



Model	KT1 – Single Speed							
	0.5-01S	01-01S	1.5-01S	02-01S	02-02S	03-01S	03-02S	05-02S
Capacity (t)	0.5	1	1.5	2	2	3	3	5
Lifting Speed (m/min)	7.2	6.6	8.8	6.6	3.3	5.4	4.4	2.7
Motor Power (kW)	0.8	1.5	3	3	1.5	3	3	3
Rotation Speed (r/min)	1440 r/min							
Insulation Grade	F Grade							
Power Supply	3 Phase, 200V–690V, 50/60Hz							
Control Voltage	24V / 36V / 48V							
No. of Chain	1	1	1	1	2	1	2	2
Load Chain Size	Φ6.3	Φ7.1	Φ10.0	Φ10.0	Φ11.2	Φ11.2	Φ10	Φ11.2
Net Weight (kg)	47	61	108	115	73	122	131	151

Model	KT1 – Dual Speed							
	0.5-01D	01-01D	1.5-01D	02-01D	02-02D	03-01D	03-02D	05-02D
Capacity (t)	1	1	1.5	2	2	3	3	5
Lifting Speed (m/min)	7.2/2.4	6.9/2.3	9.0/3.0	6.9/2.3	3.3/1.1	5.4/1.8	4.5/1.5	2.7/0.9
Motor Power (kW)	0.8/0.27	1.8/0.6	3.0/1.0	3.0/1.0	1.8/0.6	3.0/1.0	3.0/1.0	3.0/1.0
Rotation Speed (r/min)	2880 / 960							
Insulation Grade	F Grade							
Power Supply	3 Phase, 200V–690V, 50/60Hz							
Control Voltage	24V / 36V / 48V							
No. of Chain	1	1	1	1	2	1	2	2
Load Chain Size	Φ6.3	Φ7.1	Φ10.0	Φ10.0	Φ7.1	Φ11.2	Φ10.0	Φ11.2
Net Weight (kg)	54	74	144	150	86	159	168	184

CHAIN HOIST : MODEL VT

- Utilizes Japanese technology.
- Double Pawl and double guide wheels for enhanced safety.
- Outer shell made of alloy steel, ensuring reliability and durability.
- Gear components undergo special heat treatment.
- High-quality alloy steel G 80 lifting chain for safety and long lifespan.
- Curled edge design for smooth operation.



Robust outer shell resistant to external impact.



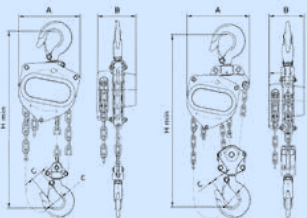
Dual pawls for double protection.



KT Manganese Steel G80 Chain.



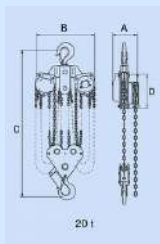
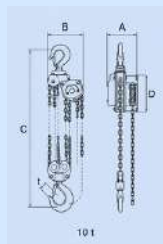
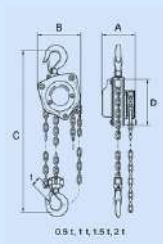
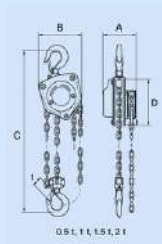
Alloy steel precision-forged lifting hook.



Model		VT-0.5T	VT-1T	VT-1.5T	VT-2T	VT-3T	VT-5T	VT-10T	VT-20T
Load Capacity (kg)		500	1000	1500	2000	3000	5000	10000	20000
Standard Lifting Height (m)		3	3	3	3	3	3	3	3
Test Load (t)		0.75	2	2.25	3	4.5	7.5	15	30
Number of Load Chain Falls		1	1	1	1	2	2	4	8
Load Chain Size (mm)		5×15	6.3×18	7.1×21	8×24	7.1×21	9×27	9×27	9×27
Hand Pull Force (N)		250	330	340	340	350	390	410	440
Dimensions (mm)	A	140	145	165	190	190	240	370	750
	B	123	143	143	175	143	175	190	190
	C	22	24	30	30	32	25	60	100
	D	34	34	46	46	52	63	80	70
	Hmin	350	390	430	480	520	690	1,000	1,400
Net Weight (kg)		9	12	14.5	19.4	21.7	36.4	69	122

KT-VC-A TYPE CHAIN HOIST

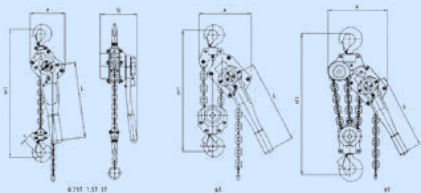
- Gear case and hand wheel cover resistant to external shocks.
- Double enclosure to keep out rain water and dust.
- Safe and reliable braking functions (mechanical brake).
- Double pawl spring mechanism, double durability.
- Hook for easy work.
- Gear with natures of high precision and tenacity.
- Load chain guide mechanism, finely fabricated wrought steel.
- Ultra strong load chain.



MODEL	CAPACITY (T)	STANDARD LIFT (m)	RUNNING TEST (T)	CHAIN FALL NO.	LOAD CHAIN DIAMETER (mm)	G.W (kg)	Dimensions (mm)				
							A	B	C	D	E
KT-VC-A 0.5T	0.5	3	0.75	1	5	9	130	135	305	135	28
KT-VC-A 1T	1	3	1.5	1	6.3	11	155	150	386	155	28
KT-VC-A 1.5T	1.5	3	2.25	1	7.1	13.5	150	160	420	180	35
KT-VC-A 2T	2	3	3	1	8	18.5	185	180	460	195	35
KT-VC-A 3T	3	3	4.5	2	7.1	20	155	180	510	180	40
KT-VC-A 5T	5	3	7.5	2	9	36	185	250	630	230	52
KT-VC-A 10T	10	3	15	4	9	84	185	370	750	230	55
KT-VC-A 15T	15	3	22.5	6	9	120	200	515	925	230	72
KT-VC-A 20T	20	3	30	8	9	152	225	630	900	230	75
KT-VC-A 30T	30	3	45	12	9	240	320	645	1030	230	110

LEVER HOIST : MODEL E

- Dual pawl braking system.
- Asbestos-free friction plates.
- Alloy steel casing.
- G80 load chain with high strength.
- 1500 cycles of fatigue testing.



Idle design for dual-mode operation with lifting and neutral positions. All-steel construction.

Dual pawls for double protection.

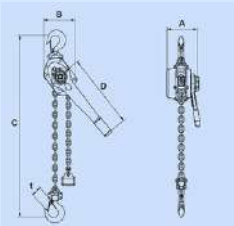
High-standard G80 load chain.

Fully forged hook.

Model		E-0.75T	E-1.5T	E-3T	E-6T	E-9T
Lifting Capacity (kg)		750	1500	3000	6000	9000
Standard Lifting Height (m)		1.5	1.5	1.5	1.5	1.5
Test Load (kg)		1125	2,250	4500	9000	13500
Hand Pull Force at Full Load (N)		250	310	410	420	420
Number of Lifting Falls		1	1	1	2	3
Lifting Chain Dia. (mm)		6×18	8×24	10×30	10×30	10×30
Dimensions (mm)	A	134	162	208	253	322
	B	154	176	205	205	205
	C	278	400	400	400	400
	D	25	31	33	25	60
	E	34	46	52	63	80
	Hmin	310	385	515	640	715
Net Weight (kg)		7	12	20.8	31.5	44

LEVER HOIST : MODEL E

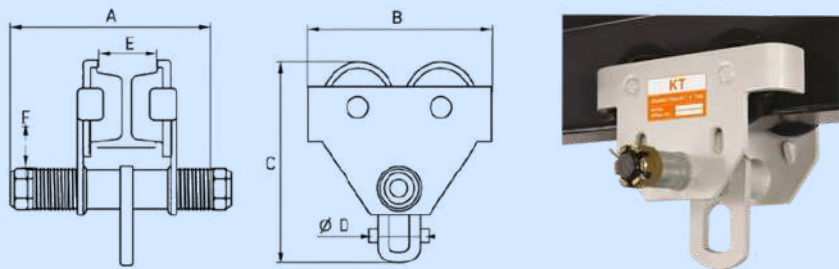
- The lever hoist with compact structure and graceful outline and its weight is light. People can operate it easily even in narrow place.
- The lever hoist is made of high strength alloy steel.
- High elastic spring with double pawl brake system design featuring stable operation and smooth braking.
- The top and bottom hook are made of forged high strength alloy, accomplished by heat treatment process. The hooks also have three stretch indicators. However if by any chance the hook is overloaded there is no fear of it breaking, it will simply gradually start straightening out, avoiding any load drop or personal injury.
- With clutch device, workers can handle the load chain with one hand when there is empty load.



MODEL	CAPACITY (T)	STANDARD LIFT (m)	RUNNING TEST (T)	CHAIN FALL NO.	LOAD CHAIN DIA (mm)	G.W (kg)	Dimensions (mm)				
							A	B	C	D	E
KT-VA 0.75T	0.75	1.5	1	1	6	7	155	115	360	285	33
KT-VA 1T	1	1.5	2	1	6	7	155	115	360	285	33
KT-VA 1.5T	1.5	1.5	2	1	8	11	180	130	395	395	35
KT-VA 2T	2	1.5	3	1	8	11	180	130	395	395	35
KT-VA 3T	3	1.5	5	1	10	19	200	185	520	395	42
KT-VA 6T	6	1.5	9	2	10	40	200	230	640	395	49
KT-VA 9T	9	1.5	14	3	10	60	200	330	815	395	60

PLANE TROLLY

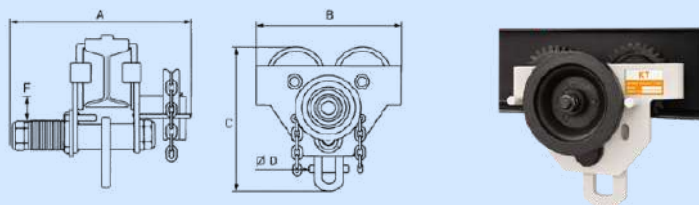
- Thickened steel plate for excellent quality.
- Adjusting the number of adjustment pads can adapt it to the width of I-beams.
- High-quality sealed ball bearings.
- The entire casing is made ma of manganese steel crash plates for gear protection.
- Forged steel wheels for added durability.



Specification	1T	2T	3T	5T	10T	20T
Rated Load (t)	1	2	3	5	10	20
Test Load (kN)	12.5	25	40	63	125	250
Minimum Turning Radius (mm)	1	1	1.5	1.6	2.2	5
A (mm)	170	187	198	230	460	—
B (mm)	195	200	275	300	384	—
C (mm)	235	255	305	390	440	—
D (mm)	20	10	14	28	48	—
E (mm)	70–120	82–132	95–145	125–165	130–180	—
F (mm)	46	52	70	72	95	—
Net Weight (kg)	7	10	15.6	27.5	74	—
Gross Weight (kg)	7	10	16.2	28.5	77	—

GEARED TROLLEY

- Thickened steel plate for excellent quality.
- Sealed ball bearings inside the moving wheels.
- Equipped with optional cushioning rubber blocks.
- Forged steel wheels for added durability.
- Galvanized hand-pulled chain.



Specification	1T	2T	3T	5T	10T	20T
Rated Load (t)	1	2	3	5	10	20
Test Load (kN)	12.5	25	40	63	125	250
Minimum Turning Radius (m)	1	1	1.5	1.6	2.2	5
A (mm)	170	187	198	230	460	—
B (mm)	195	200	275	300	384	—
C (mm)	235	255	305	390	440	—
E (mm)	20	10	14	28	48	—
F (mm)	70–120	82–132	95–145	125–165	130–180	—
K (mm)	46	52	70	72	95	—
G (mm)	75	75	76	76	95	—
Net Weight (kg)	10	13	18.95	30.7	80	—
Gross Weight (kg)	10	14	19.6	31.7	83	—

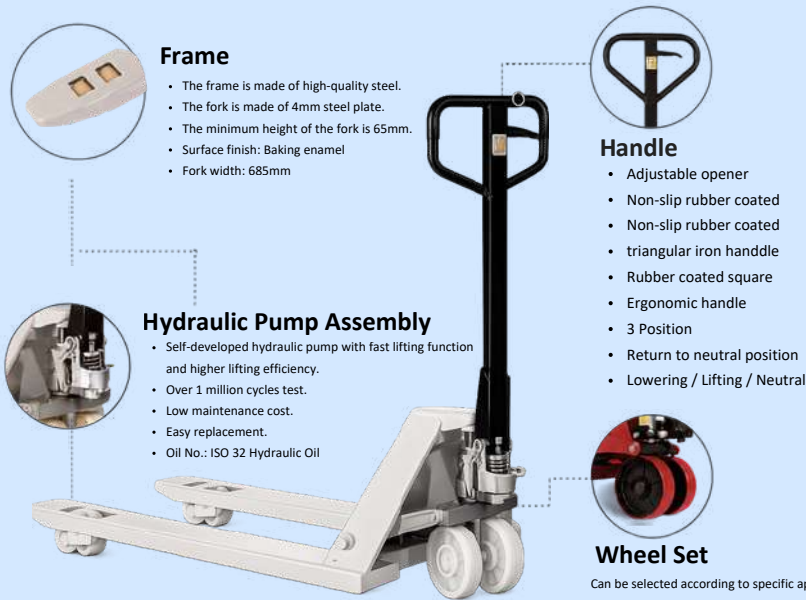
WIRE ROPE PULLING HOIST : MODEL ZNL

- Safe, reliable, and durable.
- Compact and lightweight.
- Excellent performance, easy maintenance.
- Long service life with minimal wire rope wear Wire rope safety factor 5:1, machine tested at 1.5 times rated load, and TÜV certified at 4 times rated capacity.



Model		ZNL-0.8	ZNL-1.6	ZNL-3.2	ZNL-5.4
Load Capacity (t)		0.8	1.6	3.2	5.4
Testing Capacity (t)		1.2	2.4	4.8	8
Rated Load Pull Force (N)		332	445	441	745
Rope Diameter (mm)		8.3	11	16	20
Travel Forward (mm)		≥52	≥55	≥28	≥30
Handle Length (mm)	L1	692	692	692	692
	L2	1200	1,200	1200	1200
	L3	800	800	800	800
Net Weight (kg)		6.4	12.4	21.2	58
Weight of 20m Wire Rope (kg)		7	11.5	22.5	32.6
Weight of Handle Lever (kg)		1.2	2.5	2.5	3.7

HAND PALLET TRUCK



Frame

- The frame is made of high-quality steel.
- The fork is made of 4mm steel plate.
- The minimum height of the fork is 65mm.
- Surface finish: Baking enamel
- Fork width: 685mm

Hydraulic Pump Assembly

- Self-developed hydraulic pump with fast lifting function and higher lifting efficiency.
- Over 1 million cycles test.
- Low maintenance cost.
- Easy replacement.
- Oil No.: ISO 32 Hydraulic Oil

Handle

- Adjustable opener
- Non-slip rubber coated
- Non-slip rubber coated
- triangular iron handle
- Rubber coated square
- Ergonomic handle
- 3 Position
- Return to neutral position
- Lowering / Lifting / Neutral

Wheel Set

Can be selected according to specific application conditions:

- Polyurethane wheels
- Nylon wheels
- The nylon wheels of this product adopt the casting process, which is more solid and durable.
- Features: wear-resistant, mute, stable, and suitable for various working environments.

Model	BF		BLS	
Rated Load (kg)	2000/2500/3000		5000	
Center Distance (mm)	475	510	471	506
Wheelbase (mm)	1197	1,247	1190	1260
Net Weight (kg)	65~70		155	
Steering Wheel (mm)	Ø180×50		Ø200×50	
Load-bearing Wheel (mm)	Ø74×70		Ø80×75	
Wheel Number (Steer/Load)	2/4		2/4	
Tread Width, Steer (mm)	128		122	
Tread Width, Load (mm)	390	520	350	485
Lift (mm)	115		115	
Height of Tiller in Drive Position (mm)	1,220		1252	
Maximum Fork Height (mm)	190		195	
Minimum Fork Height (mm)	75		85	
Total Length (mm)	1,540	1,610	1522	1592
Total Width (mm)	550	685	550	685
Fork Size (mm)	52/160/1150	52/160/1220	55/180/1150	55/180/1220
Turning Radius (mm)	1,280	1,358	1327	1396

LIGHT - DUTY ELECTRIC WALK BEHIND HYDRAULIC PALLET TRUCK

- HDC is an ideal choice for short - distance cargo transportation under light working conditions and is widely used in scenarios such as supermarkets and warehouses.
- It has a compact design and an attractive appearance, with a maximum load capacity of 3000kg.
- The fork height can be as low as 65mm.



Model	HDC(HDCD)	
Drive Mode	Electric	
Rated Load (kg)	2000	3000
Load Center Distance (mm)	600	
Wheelbase (mm)	1270	1,340
Dead Weight (kg)	155	165
Steering Wheel Size (mm)	Ø155×80	
Load-Bearing Wheel Size (mm)	Ø80×70 (Ø83×95)	
Quantity of Steering Wheels / Load-Bearing Wheels	1/4	
Load-Bearing Wheel Track (mm)	390	520
Fork Lifting Height (mm)	110 (100)	
Total Height (mm)	1,280	
Maximum Fork Height (mm)	195 (185)	
Minimum Fork Height (mm)	85 (65)	
Total Length (mm)	1,640	1,710
Vehicle Length (Excluding Forks) (mm)	480	
Total Width (mm)	550	680
Fork Size (mm)	73 (59) / 160 / 1150	73 (59) / 160 / 1220
Fork Width (mm)	550	680
Turning Radius (mm)	1445	1515
Travel Speed (Loaded/Unloaded) (km/h)	4 / 4.2	
Lifting Speed (Loaded/Unloaded) (m/s)	0.02	
Lowering Speed (Loaded/Unloaded) (m/s)	n/a	
Maximum Climbing Performance (Loaded/Unloaded) (%)	5 / 18	
Service Brake	Electromagnetic	
Drive Motor Power (kW)	1.0 / 1.2	
Lifting Motor Power (kW)	0.8	
Battery Type	Lithium Battery	
Battery Voltage / Rated Capacity (V/Ah)	48 / 20 (30)	
Battery Weight (kg)	8	
Drive Control Type	FOC	

MANUAL HYDRAULIC PALLET STACKER

- The HC hydraulic manual stacker is an ideal tool for various lifting and loading/unloading operations. The enhanced fork manufacturing process ensures its stability under heavy-duty working conditions, while the adjustable fork design enables it to handle materials of various types and sizes, making it suitable for pallet lifting and loading/unloading tasks.



Specification	HC1016	HC1020	HC1025	HC1030	HC1516	HC1520	HC1525	HC1530	HC2016	HC2020	HC2025	HC2030
Drive Mode	manual											
Operation Mode	walk-behind											
Rated Load (kg)	1000				1500				2000			
Load Center Distance (mm)	400											
Front Overhang (mm)	615											
Wheelbase (mm)	980											
Dead Weight (kg)	183	204	230	256	188	209	235	261	222	272	292	311
Full-load Axle Load, Front/Rear (kg)	251/1057				372/1368				537/1674			
No-load Axle Load, Front/Rear (kg)	131/100				131/101				153/104			
Wheel Material	Nylon											
Steering Wheel Size (mm)	Ø180×50								Ø180×50			
Load-Bearing Wheel Size (mm)	Ø80×60								Ø80×60			
Load-Bearing Track (mm)	632								690			
Closed Mast Height (mm)	1,960	1,530	1780	1960	1960	1530	1,780	1,960	2080	1580	1830	2080
Fork Lifting Height (mm)	1,600	2,000	2500	3000	1600	2000	2,500	3,000	1600	2000	2500	3000
Mast Extended Height (mm)	1,960	2,505	3,005	3560	1960	2505	3,005	3,560	2080	2560	3060	3560
Maximum Operating Height of Handle (mm)	1120											
Fork Height from Ground After Lowering (mm)	90											
Total Length (mm)	1,615								1540			
Vehicle Length, Excluding Fork Length (mm)	355								380			
Total Width (mm)	735								767			
Fork Size (mm)	55/135/1150											
Total Fork Width (mm)	290–680								320–680			
Ground Clearance at Midpoint of Wheelbase (mm)												66
Working Aisle Width (mm)	1910 (1000×1200 pallet) / 1849 (800×1200 pallet)								1935 (1000×1200 pallet) / 1973 (800×1200 pallet)			
Turning Radius (mm)	1135								1160			

HYDRAULIC BOTTLE JACK(STANDARD) : MODEL HBA

- Adjustable screw saddle provides additional lifting ranges with support and stability.
- Wide, rugged base provide stability and strength.
- All critical stress points are reinforced for added durability and dependability.
- Ideal for auto, truck service, farm, and shop use.



Model	Capacity (t)	N.W. (incl. handle) (kg)	Min Height H (mm)	Lifting Height (mm)	Screw Adj. (mm)	Max Height D (mm)	Handle Length (mm)	Overall Size (mm)
HBA2t	2,000	2.0	175	165	50	390	160	78 × 95
HBA3t	3,000	2.8	195	175	60	430	190	88 × 108
HBA5t	5,000	3.8	215	205	65	485	190	96 × 115
HBA8t	8,000	5.0	230	210	60	500	220	105 × 123
HBA10t	10,000	5.0	230	210	60	500	220	105 × 123
HBA12t	12,000	5.8	230	215	65	510	220	105 × 135
HBA16t	16,000	6.8	235	215	65	510	220	118 × 142
HBA20t	20,000	9.8	240	220	60	520	220	126 × 152
HBA32t	32,000	16.5	260	160	–	420	850	165 × 185
HBA50t	50,000	24.5	275	170	–	445	850	185 × 208

PDB HORIZONTAL L LIFTING CLAMP : MODEL PDB

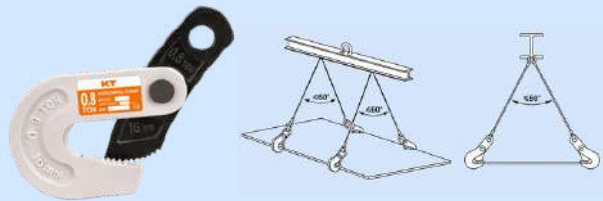
- Suitable for lifting and transport of steel plates, construction and profiled bar in horizontal position.
- Manufactured from high quality carbon steel.
- Avoid snatch or shock loading.
- The working load limit is the maximum load that the clamp are authorized to support when used in pairs with a lift angle of 60°. In lifting operations the clamps can be used in pairs or multiples.



Model	WLL (ton/pair)	Jaw Opening (mm)	Weight (kg)
PDB0.8	0.8	0–25	2.3
PDB1	1	0–30	3.4
PDB1.5	1.5	0–30	3.8
PDB2	2	0–40	5
PDB3.2	3.2	0–45	5.4
PDB4	4	0–50	7
PDB5	5	0–55	6.1
PDB6	6	0–65	9.8
PDB6(B)	6	0–130	21
PDB8	8	0–100	23.5
PDB10	10	0–125	30.6
PDB16	16	0–130	46.3

L HORIZONTAL LIFTING CLAMP : MODEL L

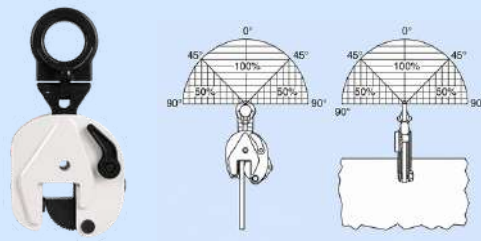
- Suitable for lifting and transport of steel plates, construction and profiled bar in horizontal position.
- Manufactured from high quality carbon steel.
- Avoid snatch or shock loading.
- The working load limit is the maximum load that the clamp are authorized to support when used in pairs with a lift angle of 60°.
- In lifting operations the clamps can be used in pairs or multiple.
- The main body and parts are made from die-forged special alloy steels, which are optimally tempered for maximum strength and durability.



Model	WLL (tons)	Jaw Opening (mm)	Weight (kg)
L0.8	0.8	0–15	1.6
L1	1	0–20	4.3
L1.6	1.6	0–25	6.4
L2	2	0–30	7.8
L2.5	2.5	0–40	11.0
L2.5(B)	2.5	25–50	12.5
L3.2	3.2	0–40	12.5
L3.2(B)	3.2	30–60	11.6
L5	5	0–50 / 10–60	18.7
L5(B)	5	50–80	21.0
L10	10	50–80	35.8

CD VERTICAL LIFTING CLAMP : MODEL CD

- Standard design clamp for vertical lifting of steel plates and steel structures. The spring-loaded tightening lock mechanism assures a positive initial clamping force.
- Articulated lifting shackle (D type).
- Clamps are equipped with a safety mechanism, ensuring the clamp does not slip when lifting force is applied and when load is being lowered.
- The clamp is locked in closed as well as in open position.
- Manufactured from high quality carbon steel.



Model	WLL (tons)	Jaw Opening (mm)	Weight (kg)
CD0.8	0.8	0–15	1.9
CD1	1	0–20	4.4
CD1.6	1.6	0–20	6.7
CD2	2	0–25	7.0
CD2(B)	2	0–35	8.0
CD3	3	0–30	14.4
CD3(B)	3	0–40	15.0
CD5	5	0–50	20.5
CD8	8	40–80	36.0
CD12	12	50–100	56.9
CD16	16	50–150	63.5

VERTICAL LIFTING CLAMP : MODEL CDH

- Standard design clamp for vertical lifting of steel plates and steel structures.
- The spring-loaded tightening lock mechanism assures a positive initial clamping force.
- Clamps are equipped with a safety mechanism, ensuring the clamp does not slip when lifting force is applied and when load is being lowered.
- The clamp is locked in closed as well as in open position.
- Manufactured from high quality carbon steel.
- High-frequency quenching of die-forged special alloy steels gives greater durability to the cam.



Model	WLL (tons)	Jaw Opening (mm)	Weight (kg)
CDH0.8	0.8	0–16	2.6
CDH1	1	0–22	3.7
CDH2	2	0–30	5.6
CDH3.2	3.2	0–40	9.0
CDH5	5	0–50	16.5
CDH8	8	0–60	25.0
CDH10	10	0–90	33.0
CDH12	12	25–110	44.6
CDH16	16	50–150	62.0

OIL DRUM LIFTING CLAMP : MODEL SL

- For safe lifting and transporting of steel (oil) drums.
- The SL steel drum clamps can be used single or per pair as weill. Avoid snatch or shock loading.
- Clamps firmly on 2-leg Grade 80 chain ling.
- This clamp is extremely light and very quick and easy to use.



Model	Rated Capacity (t)	Jaw Opening (mm)	Weight (kg)
SL-1	1.0	0-25	3.6



BEAM CLAMP : MODEL YC/YCS

- **DURABLE** -The Frame is Made of alloy steel with strong hardness, anti-impact and anti-oxidation. Suitable for harsh indoor or outdoor environments.
- **SAFETY**- Built-in attachment points provide high stability and reliable use.
- **EASY TO USE**- Rotate the screw shaft and place it on the lower edge of the steel i-beam then screw down the shaft.
- **APPLICATION**- Beam Lifting Clamp is widely used in the factories, warehouses, building construction, goods lifting, industrial and mining enterprises, etc.



Model	YCS-1T	YCS-2T	YCS-3T	YCS-5T	YCS-10T
Capacity (kg)	1000	2000	3000	5000	10000
Applicable Beam Width (mm)	75–230	75–230	80–320	80–320	90–320
Weight (kg)	4.0	4.8	9.8	11.3	18.1



Model	YC-1T	YC-2T	YC-3T	YC-5T	YC-10T
Capacity (kg)	1000	2000	3000	5000	10000
Applicable Beam Width (mm)	75–230	75–230	80–320	80–320	90–320
Weight (kg)	3.4	4.2	9.0	10.9	16.7

PERMANENT MAGNETIC LIFTER : MODEL PML

- Non-slip operation lever
- Nickle plating, longer service life.
- Laborsaving rotation shaft for convenient operation.
- Strong permanent magnetism to guarantee concentrated and steady magnetic power.
- Wide ranges of use in metal production, mining, transportation, port and pier.

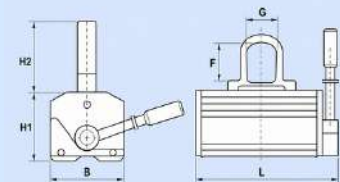


WORKING PERFORMANCE: Stable and lasting working performance magnet lifter



SAFETY FACTOR: High safety factor, strong pull - off - strength and strong permanent magnet circuit.

Model		PML-0.1	PML-0.3	PML-0.6	PML-1	PML-1.5	PML-2
Rated Load (kg)		100	300	600	1000	1500	2000
Pull-off Load (kg)		350	1050	2100	3500	5250	7000
Dimensions (mm)	L	137	199	263	303	348	394
	B	62	90	115	150	166	175
	H1	66	95	107	140	156	170
	H2	45	68	78	88	102	102
	R	120	175	225	266	366	343
	F	32	50	58	64	76	76
	G	21	38	42	50	56	56
Weight (kg)		4	11	22	42	64	80



SNATCH BLOCK : MODEL SB-E

- Snatch blocks are popular in the mining, construction, off shore rigging and heavy duty lifting applications.
- Made from hi-tensile steel body and cast steel sheave Grease nipples fitted with roller bearings.
- Blocks come with swivel hooks or bow shackle.



Snatch Pulley(Hook Type)



Snatch Pulley(Shackle Type)

Size (in)	S.W.L (ton)	Jaw Opening (mm)	N.W. (kg)
3	1	3/8	2.3
4½	4	1/2	5.74
6	8	3/4	11.5
8	8	3/4	15.75
10	8	3/4	21.9
12	8	3/4	30
14	8	3/4	36
16	15	7/8	99
18	15	1	16

SNATCH BLOCK : MODEL SB-A

- Snatch blocks are popular in the mining, construction, off shore rigging and heavy duty lifting applications.
- Made from hi-tensile steel body and cast steel sheave.
- Grease nipples fitted with roller bearings.



Pulley Block Single with Hook K Type



Pulley Block Single with Hook B Type

Size (in)	S.W.L (ton)	Jaw Opening (mm)	N.W. (kg)
3	0.5	8	1.3
4	1.0	10	2.5
5	1.5	13	3.9
6	2.0	16	7.1
7	3.0	19	9.8
8	4.0	22	11
10	5.0	25	18

ALUMINUM GANTRY CRANE : MODEL KTGS

- Lightweight and portable with easy on site manual assembly.
- Bolted structure, lateral beam and leg bracing features allow complete stability for any lifting challenge.
- Load bearing, lockable castors for easy positioning

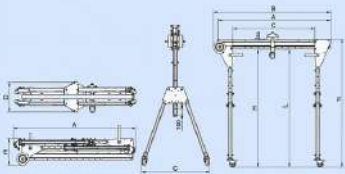
SIZE SPECIFICATION

Model	A (mm)	B (mm)	C min (mm)	C max (mm)	D min (mm)	D max (mm)	E min (mm)	E max (mm)	F min (mm)	F max (mm)	G (mm)	H min (mm)	H max (mm)	J (mm)	K (mm)	L (mm)	N.W. (kg)
KTGS20	2000	2076	1100	1500	1738	1938	1914	2114	2064	2264	1158	1850	2050	2190	415	440	33
KTGS23	2300	2376	1200	1800	1738	1938	1914	2114	2064	2264	1158	1850	2050	2376	415	440	34
KTGS40	4000	4076	2700	3500	1738	1938	1914	2114	2064	2264	1158	1850	2050	4076	415	440	40
KTGSM20	2000	2076	1100	1500	1642	2042	1818	2218	1968	2368	1215	1755	2155	2076	415	440	34
KTGSM23	2300	2376	1200	1800	1642	2042	1818	2218	1968	2368	1215	1755	2155	2376	415	440	34
KTGSM40	4000	4076	2700	3500	1642	2042	1818	2218	1968	2368	1215	1755	2155	4076	415	440	40
KTGST20	2000	2076	1100	1500	1916	2816	2092	2992	2242	3142	1586	2028	2928	2631	415	440	38
KTGST23	2300	2376	1200	1800	1916	2816	2092	2992	2242	3142	1586	2028	2928	2631	415	440	39
KTGST40	4000	4076	2700	3500	1916	2816	2092	2992	2242	3142	1586	2028	2928	4076	415	440	44



TECHNICAL PARAMETERS

Model	KTGS20		KTGS23,KTGM20,KTGM23		KTGS40,KTGM40,KTGT20,KTGT23,KTGT40	
Sort	Weight(kg)	Quantity(kg)	Weight(kg)	Quantity(kg)	Weight(kg)	Quantity(kg)
Falling objects	140	3	140	2	140	1
Person	250	3	200	2	125	1
Object	500	N/A	400	N/A	250	N/A





LIFTFLOW
LIFTING SOLUTIONS

LOAD MEASURING DEVICE



LOADLINK PLUS

The Loadlink Plus is a trusted digital force measurement device with an integrated display, widely used since 1979 for load monitoring and heavy lifting applications up to 300 tonnes. It serves industries such as manufacturing, transportation, construction, agriculture, oil & gas, utilities, aerospace, and renewable energy.

Designed for accuracy and ease of use, it features push-button controls, multiple unit selections (lbs, kg, kN, and tonnes), peak hold, preset tare, audible alarms, and overload protection.

Powered by advanced microprocessor technology, the Loadlink Plus offers high-speed readings, excellent stability, and a resolution of up to 5,000 divisions. Its lightweight, high-strength aluminum construction provides an outstanding strength-to-weight ratio, making it one of the most reliable and efficient dynamometers available.

OPTIONAL CONNECTIVITY

- Compatible with Straightpoint Handheld Plus (SU3343) and Desktop Controller/Data Logging Software (DCP10M) for enhanced monitoring and data recording.

FEATURES & BENEFITS

- Large 25 mm / 1" LCD display
- High accuracy and resolution
- Selectable units: t, kg, kN, and lbs
- 100 Hz Peak Hold function
- Push-button tare and preset tare
- Lightweight and compact design
- Overload counter and protection
- 90 dB audible alarm
- RS-485 serial output
- F.E.A. validated design

CALIBRATION & SERVICE

- Certified repair and calibration services available for reliable performance and measurement accuracy.
- Calibration performed in accordance with ISO 17025 standards by authorized service centers.





LIFTFLOW
LIFTING SOLUTIONS

LIFTING & LASHING POINTS BOLTED & WELDED



ALLOY STEEL LIFTING EYE BOLT



Features :

- It is forged by special alloy steel with high intensity and high toughness, and then it is heat treated;
- Each workpiece should pass testing at 2.5 times of working load limit;
- We should carry out sampling and 20000 times of fatigue testing;
- We should carry out strict sampling and breakage testing for each batch of products;
- We should carry out 100% magnetic powder flaw detection;
- Surface treatment: plastics spraying.

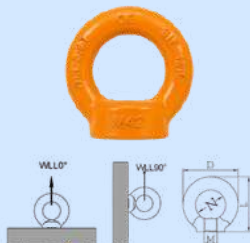
KT292-G80 LIFTING EYE BOLT WITH OMEGA LINK

Ultimate load is 4 times the Working Load Limit.

Parameters (Unit: mm)

Item Code	Weight (kg)	Working Load Limit (t)	Breaking Load (t)	A±1	B±1	N	M	D	L±2
KT-292-M12	0.33	1	5	24.8	35	23.6	12	34	111.8
KT-292-M14	0.44	1.5	6	25	35	23.6	14	34	111.8
KT-292-M16	0.44	1.87	7.48	25	35	23.6	16	34	111.8
KT-292-M18	0.58	2.5	10	30	44	31.5	18	40	130.6
KT-292-M20	0.58	3	12	30	43	31.5	20	40	129.6
KT-292-M27	2.07	6	25	48	73	49.5	27	67	211
KT-292-M30	2.11	8	30	48	73	49.5	30	67	211

ALLOY STEEL EYE NUT



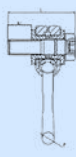
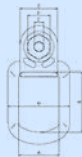
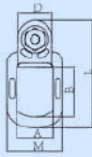
Features :

- It is forged by special alloy steel with high intensity and high toughness, and then it is heat treated;
- We should carry out strict sampling and breakage testing for each batch of products;
- We should carry out 100% magnetic powder flaw detection;
- Surface treatment: Powder plastified.
- Ultimate load is 4 times the Working Load Limit.

Parameters (Unit: mm)

Item Code	Weight (kg)	Working Load Limit (t) (4:1)		D±1	N±0.6	L±0.5
		WLL 0°	WLL 90°			
8-KT055-M6	0.049	0.4	0.15	36	20	36
8-KT055-M8	0.05	1	0.4	36	20	36
8-KT0545-M10	0.09	1	0.4	45	25	45
8-KT055-M12	0.16	2	0.75	54	30	53
8-KT055-M16	0.24	4	1.5	63	35	62
8-KT055-M20	0.36	6	2.3	63	35	62
8-KT055-M24	0.72	8	3.2	72	40	71
8-KT055-M30	1.32	12	4.5	72	40	71
8-KT055-M36	2.08	16	7	81	45	81
8-KT055-M42	3.11	24	9	90	50	90
8-KT055-M48	5.02	32	12	90	50	90

ALLOY STEEL PIVOTING LIFTING RING



Ultimate load is 4 times the Working Load Limit.

FEATURES :

- It is forged by special alloy steel with high intensity and high toughness, and then it is heat treated;
- It can be matched with sling and G80 chains which can meet the standard EN818-2;
- Each workpiece should pass testing at 2.5 times of working load limit;
- We should carry out sampling and 20000 times of fatigue testing;
- We should carry out strict sampling and breakage testing for each batch of products;
- We should carry out 100% magnetic powder flaw detection;
- 100% of the pin should be tested to ensure that they have the same hardness;=
- Surface treatment: plastics spraying.
- Color code: red RAL3020/yellow RAL1003.

Item code	Weight (kg)	Working load limit(t)	Breaking load(t)	A±1	B±1	C	D	E	M±1.5	L±1.5	L' ±1.5	Ø±0.5
8-KT-173-M8	0.36	0.3	1.2	35	52.5	6	30	13	45	46	10.4	14
8-KT-173-M10	0.38	0.63	2.52	35	52.5	6	30	17	45	52	15.4	14
8-KT-173-M12	0.71	1	4	40	54	8	36	19	68	62	18	18
8-KT-173-M14	0.72	1.2	4.8	40	54	8	36	19	68	66	21	18
8-KT-173-M16	0.74	1.5	6	40	54	8	36	19	68	70	24	18
8-KT-173-M18*26	1.16	2	8	54	80	12	50	30	83	83	26	16
8-KT-173-M20	1.19	2.5	10	54	80	12	50	30	83	88	30	16
8-KT-173-M20*55	1.12	2.5	10	54	80	12	50	30	83	113	55	16
8-KT-173-M20*60	1.25	2.5	10	54	80	12	50	30	83	118	60	16
8-KT-173-M24*35	1.35	4	16	54	94	14	50	36	83	95	35	18
8-KT-173-M24*40	1.38	4	16	54	94	14	50	36	83	100	40	18
8-KT-173-M24*60	1.46	4	16	54	94	14	50	36	83	120	60	18
8-KT-173-M27	4.18	4	16	73	106	17	68	41	120	120	38	27
8-KT-173-M30	4.4	5	20	73	106	17	68	41	120	132	48	27
8-KT-173-M30*70	4.52	5	20	73	106	17	68	41	120	154	70	27
8-KT-173-M36*54	4.65	7	28	73	106	17	68	41	120	142	54	27
8-KT-173-M36*70	4.8	7	28	73	106	17	68	41	120	158	70	27
4.65R-173-M36*62	7.6	8	32	94	141	22	86	55	156	163	62	31
8-KT-173-M42*72	8.2	10	40	94	141	24	86	65	156	176	72	31
8-KT-173-M42*63	12.4	15	40	104	155	24	95	65	176	179	63	40
8-KT-173-M48*74	13	20	80	104	155	27	95	75	176	194	74	40

ALLOY STEEL PIVOTING LIFTING RING



Technical Parameters

ITEMNO.	WEIGHT/kg	WLUT (4:1)		D	K	N	L	c±1
		WLO	WLL90					
8-KT054-M6	0.05	0.4	0.15	28	13	16	42	17
8-KT054-M8	0.06	1	0.4	36	15	20	51	20
8-KT054-M10	0.11	1	0.4	45	18	25	63	25
8-KT054-M12	0.18	2	0.75	54	22	30	75	30
8-KT054-M14	0.28	4	1.5	63	28	35	88	35
8-KT054-M16	0.28	4	1.5	63	28	35	88	35
8-KT054-M20	0.45	6	2.3	72	30	40	101	40
8-KT054-M24	0.87	8	3.2	90	38	50	128	50
8-KT054-M30	1.66	12	4.5	108	45	60	154	60
8-KT054-M36	2.65	16	7	126	55	70	183	70
8-KT054-M42	4.03	24	9	144	65	80	212	85
8-KT054-M48	6.38	32	12	166	70	90	238	100

DETERMINATION OF WORKING LOAD LIMIT



DETERMINATION OF WORKING LOAD LIMIT

Rating (kg)	Enhancement Factor	Minimum Required Working Load Limit (WLLmin) (t)
500	-	7
1000	-	7
1500	-	7
2000	3.5	7
2500	2.88	7
3000	2.6	8
3500	2.403	8
4000	2.207	9
4500	2.067	9
5,000	2	10
5,500	2	10
6000	2	11
6500	2	11
7,000	2	12
7,500	2	13
8,000	2	13
8500	2	14
9000	1.567	14.1
9500	1.543	14.57
10000	1.501	15.01
10500	1.479	15.53
11000	1.457	16.02
11500	1.435	16.5
12000	1.413	16.95
12500	1.391	17.38
13000	1.368	17.79

Rating (kg)	Enhancement Factor	Minimum Required Working Load Limit (WLLmin) (t)
13500	1.346	18.18
14000	1.324	18.54
14500	1.302	18.88
15000	1.28	19.2
15500	1.267	19.64
16000	1.254	20.06
16500	1.24	20.47
17000	1.227	20.86
17500	1.214	21.24
18000	1.201	21.61
18500	1.188	21.97
19000	1.174	22.31
19500	1.161	22.64
20000	1.148	22.96
20500	1.143	23.44
21000	1.139	23.92
21500	1.135	24.39
22000	1.13	24.86
22500	1.126	25.33
23000	1.121	25.79
23500	1.117	26.25
24000	1.112	26.7
24500	1.108	27.15
25000	1.104	27.59

FALL PROTECTIVE SYSTEM & PERSONAL PROTECTIVE EQUIPMENT

FALL PROTECTION SYSTEMS / PERSONAL PROTECTIVE EQUIPMENT FOR THE PREVENTION OF FALLS

Lift Flow Global offers a comprehensive range of fall protection systems and personal protective equipment designed to enhance workplace safety and prevent falls.

Our product range includes:

- Safety railings and collective protection systems
- Safety and side protection nets
- Full-body harnesses, seat harnesses, and work positioning belts
- Personal protective equipment (PPE) kits
- Lanyards and fall arrest systems
- Horizontal and vertical lifeline systems
- Anchorage points and self-installation solutions
- Rescue and recovery kits

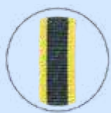
Providing reliable safety solutions for working at height across a wide range of industries.



PRO® 1-POINT FALL ARREST HARNESS

Back D-ring, standard locks, better adjustment possibilities, fall indicator

AB10112NG



E
elasticated
shoulder strap



Fi
ear aware
fall indicator



QR
quick release
buckles

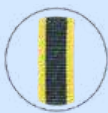


NIZE
extra leg
comfort padding

PRO® 2-POINT FALL ARREST HARNESS

Back and front D-ring, standard locks better adjustment possibilities, fall indicator

AB1131NG



E
elasticated
shoulder strap



Fi
ear aware
fall indicator



QR
quick release
buckles



NIZE
extra leg
comfort padding

SHOCK ABSORBER LANYARD

ENERGY ABSORBING LANYARD

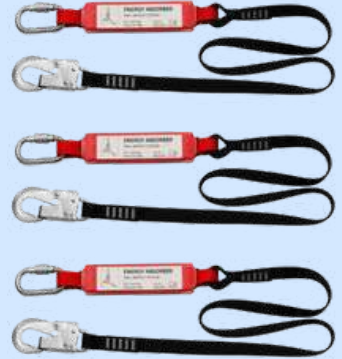
AE5220WAE

Y-ENERGY ABSORBING

LANYARD AE5320WAF

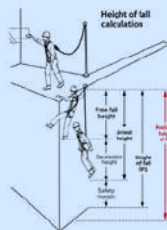
PRO™ STRETCH ENERGY

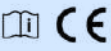
ABSORBING LANYARD WITH IMPACT INDICATOR AE5220SAK



Type	Material	1-leg	2-leg	Length (m)	Weight (kg)	Connector	Item No.
AE5220WAE	25 mm polyester webbing	✓		2	1	1 karabiner - 17 mm, 1 carabiner - 18 mm opening width	49VMGB01
AE5320WAF	25 mm polyester webbing		✓	2	2	1 karabiner - 17 mm, 2 scaffold hooks - 60 mm opening width	49VMY002
AE5220SAK	50 mm stretch material	✓		2	1.03	Screw karabiner 17 mm, scaffold hook - 60 mm opening width	49VMST0SAK

FALL ARRESTOR SYSTEM




EN 360 ANSI Z359.12-2009
& ANSI A10.14-1993
Meets OSHA 1910.66 & 1926.502

RETRACTABLE FALL ARREST BLOCK

Retractable Lifeline – Wire Rope

Art. No.	Length (Mtr)	Dimensions (mm)			Class A or B	Weight (Kg)	Material
		A	B	C			
N-9420-33	10	650	166	88	Class B	4	Plastic
CS N-9410-33	10	650	166	88	Class B	4	Aluminium
N-9420-50	15	735	210	96	Class B	6.5	Plastic



WIRE ROPE SLINGS ACC. TO BS EN 13414-1

Rope $\varnothing$ (mm)	WLL in Kg				
	2 Leg	2 Leg		2 Leg	
		 0 - 45° 45° - 60°		 0 - 45° 45° - 60°	
8	750	1 000	750	1 500	1 125
10	1 300	1 830	1 300	2 700	1 950
13	2 100	3 000	2 100	4 400	3 150
14	2 500	3 500	2 500	5 250	3 750
16	3 300	4 600	3 300	6 900	4 950
19	4 600	6 400	4 600	9 700	6 900
22	6 200	8 700	6 200	13 000	9 300
24	7 400	10 300	7 400	15 500	11 100
26	8 600	12 000	8 600	18 000	12 900
28	10 000	14 000	10 000	21 000	15 000
32	13 100	18 300	13 100	27 500	19 650
36	16 600	23 200	16 600	34 900	25 000
38	18 500	26 000	18 500	39 000	27 750
44	25 000	35 500	25 000	52 500	37 500
52	35 000	49 000	35 000	73 500	52 500

Load capacity is reduced by 20% in case of choker hitch.

POLYESTER ROUND SLINGS ACC. TO BS EN 1492-2

Rope $\varnothing$ (mm)	WLL in Kg				
	Single Direct	Choker Hitch	Basket hitch Inclination angle (β)		
			up to 7°	Over 7° to 45°	Over 45° to 60°
					
500	500	400	1 000	700	500
1000	1 000	800	2 000	1 400	1 000
2000	2 000	1 600	4 000	2 800	2 000
3000	3 000	2 400	6 000	4 200	3 000
4000	4 000	3 200	8 000	5 600	4 000
5000	5 000	4 000	10 000	7 000	5 000
6000	6 000	4 800	12 000	8 400	6 000
8000	8 000	6 400	16 000	11 200	8 000
10000	10 000	8 000	20 000	14 000	10 000
15,000	15 000	12 000	30 000	21 000	15 000
20,000	20 000	16 000	40 000	28 000	20 000
30000	30 000	24 000	60 000	42 000	30 000

Load capacities up to 100 tonnes are available.

CHAIN SLINGS ACC. TO BS EN 818 – GRADE 80

Inclination angle (β)		0	0 - 45°	45°-60°	0 - 45°	0 - 45°
Load Factor		1	1,4	1,0	2,1	1,5
Chain Ø	Grade	1-Leg	2-Leg	2-Leg	3&4 -Leg	3&4 -Leg
						
7	80	1500	2100	1500	3100	2250
8	80	2000	2800	2000	4250	3000
10	80	3150	4250	3150	6700	4750
13	80	5300	7500	5300	11200	8000
16	80	8000	11200	8000	17000	11800
20	80	12500	17000	12500	26500	19000
22	80	15000	21200	15000	31500	22400
26	80	21200	30000	21200	45000	31500
32	80	31500	45000	31500	67000	47500

Load capacities up to 100 tonnes are available.

CABLE LAID WIRE ROPE SLING AS ENDLESS GROMMET ACC. TO BS EN 13414-3

Rating (kg)	Enhancement Factor 	Minimum Required Working Load Limit (WLLmin) (t) 
24	9.00 t	7.00 t
27	11.5 t	9.00 t
30	14.0 t	11.0 t
33	17.0 t	13.5 t
36	20.0 t	16.0 t
39	23.5 t	19.0 t
42	27.0 t	21.5 t
48	35.5 t	28.5 t
54	45.0 t	36.0 t
60	55.5 t	44.5 t
66	69.0 t	55.0 t
72	84.0 t	68.0 t
78	102 t	81.0 t
84	121 t	97.0 t
90	144 t	115 t
96	168 t	135 t
102	196 t	157 t
108	227 t	182 t
114	262 t	210 t



Notes

- Rope Ø 24–60 mm: Safety Factor 5
- Rope Ø 66–132 mm: Safety Factor 4.9–3
- Rope Ø up to 470 mm available on request.

POLYESTER WEBBING SLINGS ACC. TO BS EN 1492-1

Rope Ø (mm)	WLL in Kg				
	Single Direct	Choker Hitch	Basket hitch Inclination angle (β)		
			up to 7°	direct up to 45°	direct > 45° - 60°
					
1 000	1 000	800	2 000	1 400	1 000
2 000	2 000	1 600	4 000	2 800	2 000
3 000	3 000	2 400	6 000	4 200	3 000
4 000	4 000	3 200	8 000	5 600	4 000
5 000	5 000	4 000	10 000	7 000	5 000
6 000	6 000	4 800	12 000	8 400	6 000
8 000	8 000	6 400	16 000	11 200	8 000
10 000	10 000	8 000	20 000	14 000	10 000

Attention

- For asymmetrical loads, use the capacities specified for an inclination angle of 45° to 60°.

CHAIN SLINGS – GRADE 100

Inclination angle (β)		0	0 - 45°	45°-60°	0 - 45°	0 - 45°
Load Factor		1	1,4	1,0	2,1	1,5
Chain Ø	Grade	1-Leg	2-Leg	2-Leg	3&4 -Leg	3&4 -Leg
6	100	1.5	2.1	1.5	3.15	2.25
8	100	2.5	3.5	2.5	5.25	3.75
10	100	4	5.6	4	8.4	6
13	100	6.7	9.5	6.7	14	10
16	100	10	14	10	21	15
20	100	16	22.4	16	33.6	24
22	100	20	28	20	42	30
28	100	31.5	45	31.5	67.0*	47.5*

* Only 2-set × 2-leg type available.

CHAIN SLINGS – GRADE 100

Inclination angle (β)		0	0 - 45°	45°-60°	0 - 45°	0 - 45°
Load Factor		1	1,4	1,0	2,1	1,5
Chain Ø	Grade	1-Leg	2-Leg	2-Leg	3&4 -Leg	3&4 -Leg
6	120	1.8	2.5	1.8	3.75	2.7
8	120	3	4.2	3	6.3	4.5
10	120	5	7	5	10.5	7.5
13	120	8	11.2	8	16.8	12
16	120	12.5	17	12.5	26.5	19



THANK YOU



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