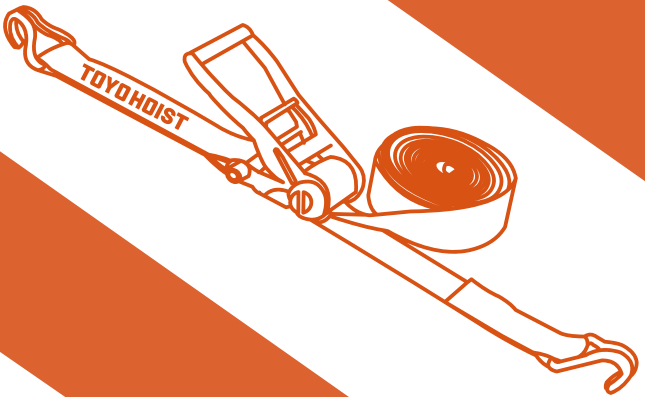
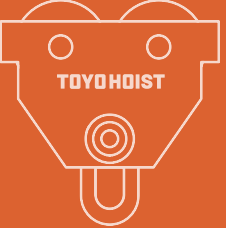
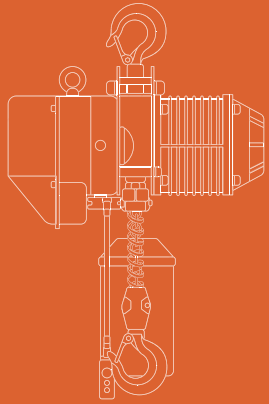


TOYOHIST



TOYOHIST



Regional distributor



CHAIN BLOCK

- Light weight robust construction.
- Low effort to lift maximum load.
- Fully forged hooks.
- Fully machines lift wheel.
- ISO high grade alloy chain.
- Zinc plated hand chain as standard.
- Double cover protection.
- Durable baked enamel paint protection.
- Overload protection device available upon request.



Overload Protection Device



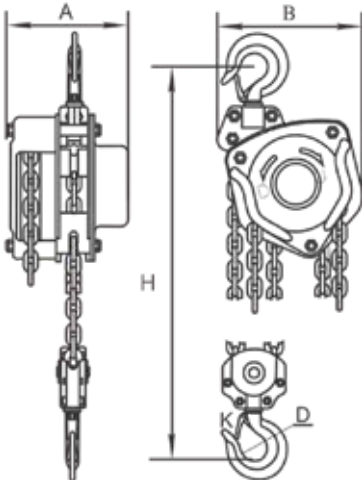
Sealed Roller Bearings



Ratchet disk



Unique Curled Edge



Color-plated zinc tongue piece



Model L :VB

SPECIFICATION

Model		VB-0.5	VB-1	VB-1.5	VB-2	VB-3	VB-5	VB-10	VB-20	VB-30	VB-50
Capacity	load(t)	0.5	1	1.5	2	3	5	10	20	30	50
Standard	lift(m)	2.5	2.5	2.5	3	3	3	3	3	3	3
Running	testload(kn)	7.5	15	22.5	3	4.5	7.5	15	30		70
Effort required to lift max.load(N)		200(20.5)	320(32.5)	360(36.5)	365(37)	385(39)	435(44.3)	435(44.3)	435x2 (44.3x2)	435x2 (44.3x2)	435x2 (44.3x2)
Load chain diameter number of falls(mm)		6.0x1	6.0x1	8.0x1	8.0x1	8.0x2	10.0x2	10.0x4	10.0x8	10.0x12	10.0x22
The distance of hand chain pulling when lifting height go up 1meter (mm)		32	40	72	72	144	158	316	636x2	948x2	1738x2
Net weight(kg)		8.4	11	16.2	18.5	25.6	42.8	79.5	193	220	1092
Extra weight meter of extra lift(kg)		1.7	1.7	2.3	2.3	3.7	5.6	9.7	19.4	26.4	48.4
Dimensions(mm)	A	131	140	161	161	161	186	207	215	350	406
	B	127	158	187	187	210	253	398	650	680	962
	C	270	317	399	414	465	636	798	890	1380	2578
	D	35	40	45	50	58	64	85	110	110	170
	K	30	34	38	41	48	52	64	85	85	130
Packing measurement (L*W*H)(cm)		22x15x19.5	23x18x19.5	28x21x24	28x21x24	32x21x26	40x21x21	64x21x21	64x38x64	72x50x68	110x100x130



CHAIN BLOCK



Sealed roller bearings



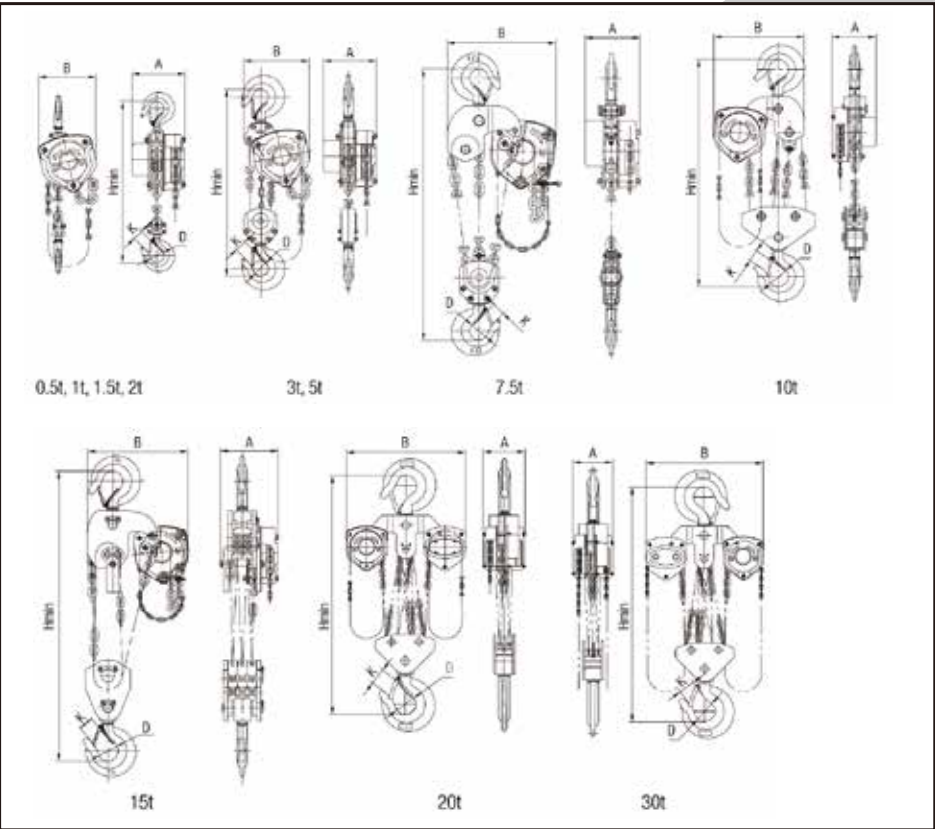
Flanged enclosure



Pawl



Overload device



SPECIFICATION

Model		VS-0.5	VS-1	VS-1.5	VS-2	VS-3	VS-5	VS-10	VS-20	VS-30	VS-50
Capacity	load (T)	0.5	1	1.5	2	3	5	10	20	30	50
Standard	lift (T)	2.5	2.5	2.5	3	3	3	3	3	3	3
Running test load	(KN)	6.13	12.25	55.8	83	111.2	163.4	326.8	326.8*2	490.2*2	898.7*2
Effort required to lift max load (N)											
Strands of Load Chain		1	1	1	2	2	2	4	8	12	22
Load chain diameter (mm)		6*18	6*18	8*24	8*24	8*24	10*30	10*30	10*30	10*30	10*30
Net weight (kg)		8.7	10.8	15.2	14.6	24.3	38.7	78	163.6	220	1092
Dimensions (mm)	A	137.5	146.5	170	146.5	170	190.4	190	209	312	496
	B	137	162	183	194	220	288	384	625	691	958
	D	35	35.5	45	42.5	50	64	85	110	110	170
	Hmin	270	340	399	440	512	636	743	890	1380	2578
	K	28	28	32.5	32	37	46	50	81	81	125
Moving Distance of Load Wheel With One Meter Lifting		35	35.5	45	42.5	50	64	85	110	110	170
Exdtra Weight Per Metre Of Extra Lift (kg)		1.6	1.6	2.2	2.4	3.6	5.2	9.5	19	27.7	49.4
Packing measurement (L*W*H) (cm)		22x15x19.5	23x18x19.5	28x21x24	28x21x24	32x21x26	40x21x21	64x21x21	64x38x64	72x50x68	110x100x130



ALUMINUM MINI CHAIN BLOCK

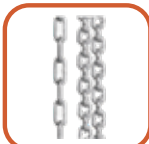
- Suspension devices and load-bearing hooks are made of anti-aging and high strength alloy steel. In case of overloading, deformation will occur first and not suddenly break.
- The hook is equipped with a secure safety latch which can rotate 360 degree freely.
- Enclosed design protects internal components.
- Excellence in engineering led to the development of the world’s smallest industrial hoist—the MNAC. This uniquely compact and lightweight manual hoist is the perfect solution for light loads in high or difficult-to-reach places.
- The MNAC comes standard with an advanced design load limiter that prevents the hoist from being used to lift damaging loads beyond rated capacity.
- The MNAC gives you a unique combination of portability and extreme durability with its lightweight, die-cast aluminum housing. Take this little block with you everywhere for the small jobs that require big dependability.



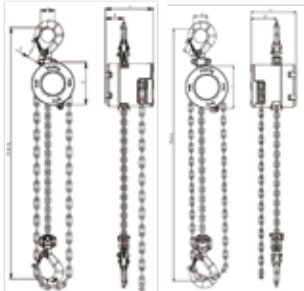
Safety Hook



light weight aluminum shell



G80 Chain



0.25t 0.5t



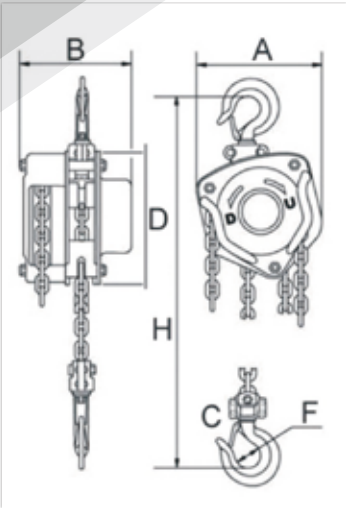
Model:MNAC

Specifications:

Model	unit	MNAC025	MNAC050
Standard lifting height	(m)	2.5	2.5
Chain fall		1	1
Full load force	(N)	210	230
Test load	(kg)	375	750
Load chain size	(mm)	3.2X9	4X12
Hand chain size	(mm)	3X16.5	3X16.5
Net weight	(kg)	2.4	3.9
Packing weight	(kg)	2.7	4.2
Packing dimensions	(cm)	18x11x11	23.5x13.5x12
Weight of per lift meter	(kg/m)	0.23	0.341
Hand chain weight per lift meter	(kg/m)	0.34	0.34
Dimensions (mm)	a	27	34
	b	20	22
	c	82	104
	d	45	63
	e	102	101
	Hmin	233	307

SS304 CHAIN BLOCK

- Stainless steel material has acid and alkali resistance, rust and corrosion prevention, long service life.
- 304 forging hook, high tensile force, high safety factor.
- The ribbed design of the integrated housing increases the collision resistance by 30%, and is durable against falls.
- Double guide wheel design, smooth and non-stuck chain.
- Double pawl braking system, self-locking more secure, less wear.
- High quality 304 carburized stainless steel hoist special chain, special process treatment, strong tensile resistance.



Model :SCK

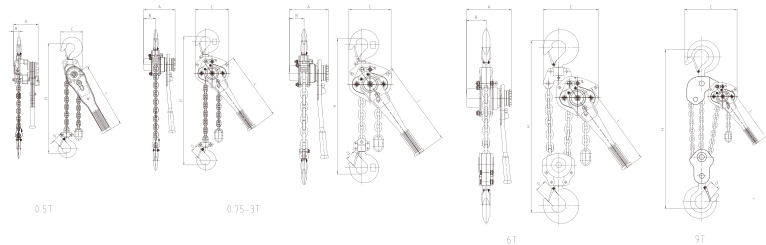
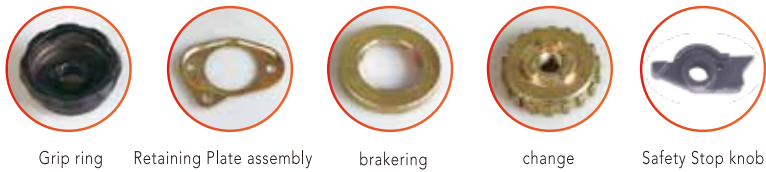
SPECIFICATION

Product Code	Capacity (t)	Standard Lift(m)	Test Load (t)	Pulling Efforts (kg)	Chain Fall No.	Load Chain Dia.(mm)	Dimensions(mm)				Net weight (kg)
							A	B	C	D	
SCK005	0.5	3.0	0.75	22	1	6	125	111	24	134	8.1
SCK010	1.0	3.0	1.50	31	1	6	147	126	28	154	11.2
SCK015	1.5	3.0	2.25	35	1	8	183	141	34	192	15.3
SCK020	2.0	3.0	3.00	30	1	8	215	163	38	224	17.1
SCK030	3.0	3.0	4.50	35	2	8	183	141	38	192	18.0
SCK050	5.0	3.0	7.50	39	2	10	215	163	48	224	21.7
SCK100	10.0	3.0	12.50	41	4	10	360	163	64	224	65.2
SCK200	20.0	5.0	25.00	41x2	8	10	585	191	82	224	194.0
SCK300	30.0	5.0	37.50	47x2	12	10	705	485	75	285	458.0



LEVER BLOCK

- All steel construction.
- Compact design.
- Double pawl braking system.
- Fully forged hooks.
- Long - lasting powder coating protection.
- High standard G80 load chain (black or galvanized).

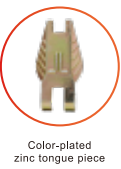


SPECIFICATION

MODEL	Load Capacity(t)	Standard Lift(m)	Running Test(t)	Effort required to lift max load (N)	Load Chain		Lifting Motor						Net Weight (kg)	Packing (L*W*H)(cm)	Extra weight meter of extra lift (kg)
					Chain Fall Number	Diameter (mm)	H	A	B	C	D	L			
VL0.5	0.5	1.5	0.75	330	1	5	270	105	24	85	31	265	3.5	33.5x12.5x9	0.55
VL0.75	0.75	1.5	1.125	230	1	6.3	303	150	55	128	32	254	6.6	34x12x17	0.88
VL1	1	1.5	1.5	250	1	6.3	303	150	55	128	32	254	6.6	34x12x17	0.88
VL1.5	1.5	1.5	2.25	295	1	7.1	365	165	64	149	36	366	11	45x16x18	1.12
VL2	2	1.5	3	315	1	7.1	365	165	64	149	36	366	11	45x16x18	1.12
VL3	3	1.5	4.5	414	1	9	485	195	85	182	46	366	17	47x20x21	1.78
VL6	6	1.5	9	430	2	9	600	195	85	240	46	366	27.5	47x20x21	3.74
VL9	9	1.5	13.5	430	3	9	700	195	85	335	57	366	47	62x48.5x26	5.61

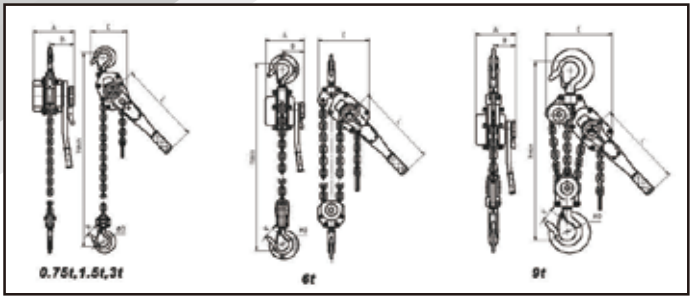


Model L :VL



LEVER BLOCK

- Two points support, the driving shaft is fixed by cantilever structureThe hand wheel is stamping, more compact and reliable operation.
- The friction disc and ratchet as replacementparts, more convenient.
- It on ratchet part.The performance of maintenance-free bearing is close torolling bearing, better corrosion resistance.
- The material of hook is alloy steel, passed heattreatment. it includes stamping safety latch.
- Grade 80 load chain.
Optional Feature:Grade 100 load chainGrade 80 load chain is accorded with EN818-7 standard.The stamping enlarged end ring supports 2.5times of rated load
- Brake seat and driving shaft connected by screw thread.



SPECIFICATION

Model	Capacity (t)	Standard Lift(m)	Running test load(KN)	Load chain(mm)	Effort required to lift rated load(n)	Stands of load chain	Extra weight per metre of extra lift(kg)	Dimensions(mm)								Net weight (kg)	Packing (L*W*H)(cm)
								A	B	C	D	Hmin	L	K			
VAS-0.75T	0.75	1.5	9.2	6x18	140	1	0.8	148	88	135	37	320	290	26	6.3	37*14*17	
VAS-1.5T	1.5	1.5	18.4	8x24	140	1	1.4	176	102	162	45	380	420	32.5	11	52*14*18	
VAS-3T	3	1.5	36.8	10x30	320	1	2.2	195	109	211	50	480	420	37	18.7	55*16*21	
VAS-6T	6	1.5	73.5	10x30	340	1	4.3	195	109	254	64	620	420	46	30	55*16*21	
VAS-9T	9	1.5	110.3	10x30	360	1	6.5	195	109	319	85	700	420	50	41.2	62*48.5*26	



Model L :VAS



ALUMINUM MINI LEVER BLOCK

- Suspension devices and load-bearing hooks are made of anti-aging and high strength alloy steel. In case of overloading, the deformation will take place first and not suddenly break.
- The hook is equipped with a secure safety latch, which can rotate 360 degree freely.
- The ergonomic handle makes the hoist easy to operate.
- The enclosed design protects the internals from contamination.
- All components of the disc load brake are made of high-quality materials and are corrosion-resistant.
- The enclosed design protects the internals from contamination.
- The chain block is made of aluminum alloy and is not easy to rust.



G80 load chain



Aluminum alloy hook



Guide roller system



Flexible handle

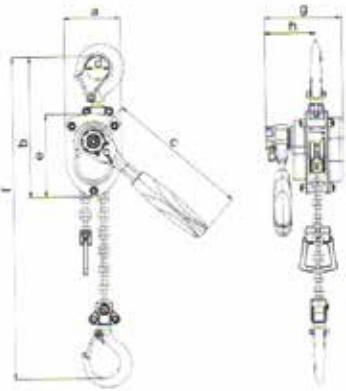


Model :ALB

MINI LEVER BLOCK

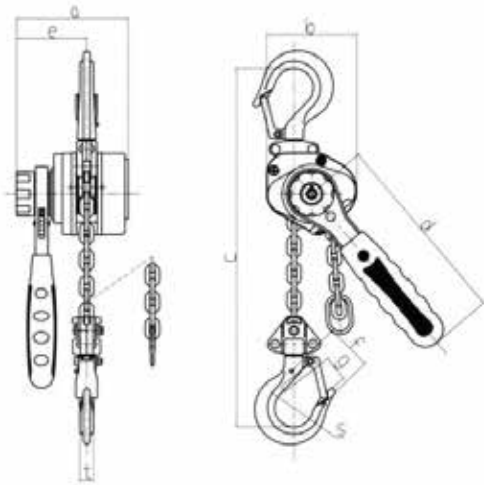
HSB Lever Hoist is an efficient and versatile lifting tool. Superior Grade 100load chain-chrome plated. Forged and heat treated load hooks with batch trace ability and stretch indicators. Double pawls brake system.

MINI HSH Specification				
Capacity(kg)	250	500	750	1500
Standard lift(m)	1.5	1.5	1.5	1.5
Test load(kg)	375	750	1125	2250
Hand-pull to lift(n)	260	260	200	240
Extra weight for one meter chain added(kg/m)	0.346	0.346	0.541	1.1
Load chain(dia.Xpitch)(mm)	Φ4x12	Φ4x12	Φ5x15	Φ7x21
	A	62	70	92
	B	158	194	230
Dimensions(mm)	C	156	156	232
	D	30	35	38
	E	84	105	136
	F	240	300	350
	G	96	116	128
	H	77	79	84
N.W./G.W.(kg)	2.15/2.2	3.1/3.2	4.75/4.85	7.6/8



Model :HSH

ALB ALUMINIUM MINI LEVER BLOCK



SPECIFICATION

Model	Capacity (t)	Standard lift (m)	Running test load (t)	No. of falls of load chain	Load chain diameter (mm)	Dimension(mm)										Net weight (kg)
						A	B	C	D	E	F	G	S	T		
ALB 0.25T	0.25	1	0.375	1	3.2	87	68	200	145	55.5	35.5	21	32	11	1.5	
ALB 0.5T	0.5	1.5	0.75	1	4.3	100.5	81	250	160	62.5	42	24.5	34.5	12	2.5	



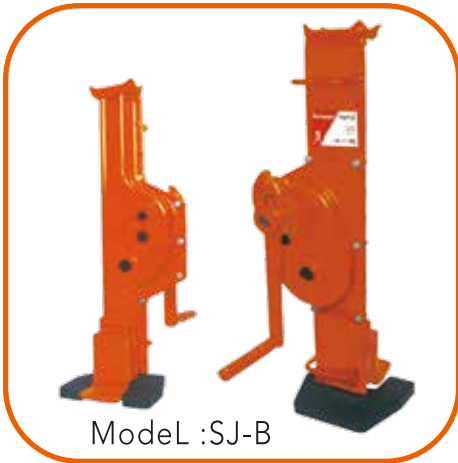
MECHANICAL JACK



SAFETY RACTHET CRANK
One - sided braking effect and the load is held safety at every height with folding handle.



SAFETY RAIL JACK
High stability on uneven ground is ensured by the extra large floor plate.



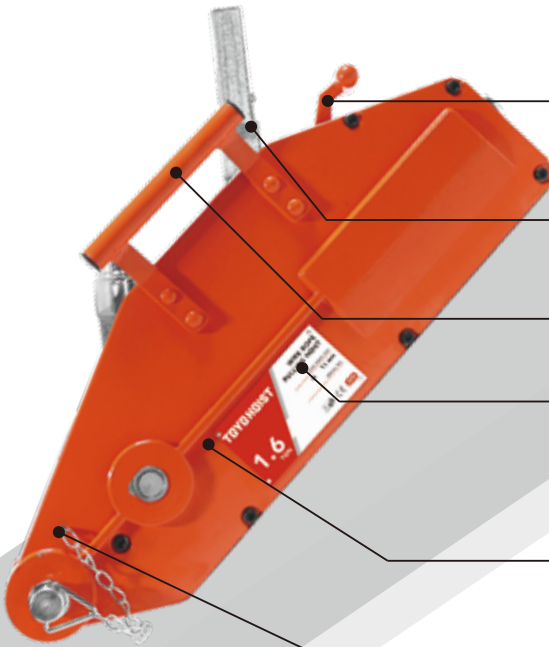
Model :SJ-B



Model :SJ-A



WIRE ROPE PULLING HOIST(TIRFOR)



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

Backward lever&Forward lever
Placed in tandem providing a slim design and assuring power transfer along the center.

Spares hear pins
Two spares hear pins located in the carrying handle.

Stamped serial number
for easy identification.

High strength cast aluminium alloy body
Lightweight, simple to operate,Smooth contour design with large, flat bottom surface for increased stability in horizontal as well vertical working position.

Anchor bolt
Offers numerous and versatile connection possibilities with load hooks,sling ropes and sling chains.

Model :ZNL



Galvanized steel wire rope mounted on a reel
Every rope is operationally tested to 150% of the rated capacity and issued with an individual test certificate.

Adjustable handle
For easy operation.

SPECIFICATION

Model	Safe Working Load (t)	Height of Load (mm)	Lifting Height (mm)	Height of Claw in Lowest Position (mm)	Net Weight (kg)
SJ-A 1.5	1.5	725	300	70	13
SJ-A 3	3.0	725	300	75	20
SJ-A 5	5.0	725	350	70	27
SJ-A 10	10	800	350	90	47
SJ-A 16	16	950	400	95	64
SJ-A 20	20	950	400	95	73
SJ-A 1.5	1.5	570	300	70	11
SJ-B 3	3.0	570	300	75	18
SJ-B 5	5.0	600	300	70	22
SJ-B 10	10	650	300	80	38

ZNL Specification

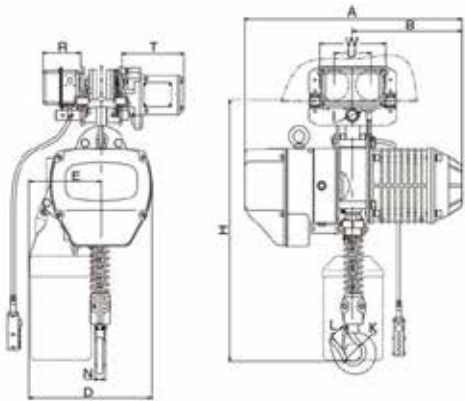
Item No.	ZNL 08	ZNL16	ZNL 32	ZNL 54
Lifting capacity(kg)	800	1600	3200	5400
Pulling capacity(kg)	1300	2800	6000	10125
Tested to(kg)	1500	3000	6000	10125
Steel wire rope dia.(mm)	IWRC8.3	IWR11	IWRC16	IWRC20
Wire rope safety factor load capacity(kg)	5xWLL	5xWLL	5xWLL	5xWLL
Breaking strength of wire rope(kg)	5430	9680	17200	27000
Overall structure breaking strength(kg)	4xWLL	4xWLL	4xWLL	4xWLL
Safety device	Safety pins	Safety pins	Safety pins	Safety pins
Net weight wire rope (20m)	7	12	24	45.5
Net weight (without wire Rope)(kg)	6.4	12	23	54.5



ELECTRIC CHAIN HOIST WITH TROLLEY



- **INVERTER ADVANTAGE:**
Good protection for the motor, could extend the motor life, start smooth, so that the motor heat and noise are less than before.
- **DOUBLE SPEED ADVANTAGE:**
1. With double speed is the latest generation setting, for slow speed could be control the speed based on the actual use of customer requirements.
2. The hoist with double speed is mainly used in the precise controlling the lifting height, to ensure accurate positioning of the lifting objects.
- **SIDE MAGNETIC BRAKING DEVICE:**
This device shall realize the instant brake in case of the power dump.
- **CHAIN BAG:** It shall be light, handsome and durable.



TECHNICAL PARAMETERS

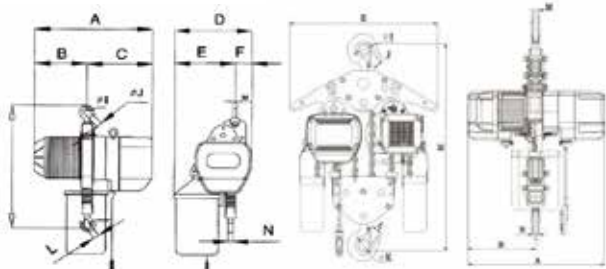
Product Code	Capacity (t)	Lifting Height (m)	Lifting Speed (m/min)	Power (kw)	Rotation Speed (r/min)	Phases	Lifting Motor Voltage (v)	Frequency (hz)	Power (kw)	Operating Rotation Speed (r/min)	Motor Operating Speed (m/min)	Phases	Voltage (v)	Frequency (hz)	I-Beam (mm)
HHBD 0101	1	3/9	6.6	1.5	1440	3	220-440	50/60	0.4	1440	11/21	3	220-440	50/60	58-153
HHBD 0151	1.5	3/9	8.8	3.0	1440	3	220-440	50/60	0.4	1440	11/21	3	220-440	50/60	82-178
HHBD 0201	2	3/9	6.6	3.0	1440	3	220-440	50/60	0.4	1440	11/21	3	220-440	50/60	82-178
HHBD 0202	2	3/9	3.3	1.5	1440	3	220-440	50/60	0.4	1440	11/21	3	220-440	50/60	82-178
HHBD 0251	2.5	3/9	5.4	3.0	1440	3	220-440	50/60	0.75	1440	11/21	3	220-440	50/60	100-178
HHBD 0301	3	3/9	5.4	3.0	1440	3	220-440	50/60	0.75	1440	11/21	3	220-440	50/60	100-178
HHBD 0302	3	3/9	4.4	3.0	1440	3	220-440	50/60	0.75	1440	11/21	3	220-440	50/60	100-178
HHBD 0303	3	3/9	2.2	1.5	1440	3	220-440	50/60	0.75	1440	11/21	3	220-440	50/60	100-178
HHBD 0502	5	3/9	2.7	3.0	1440	3	220-440	50/60	0.75	1440	11/21	3	220-440	50/60	100-178
HHBD 1004	10	3/9	2.7	3.0	1440	3	220-440	50/60	0.75	1440	11/21	3	220-440	50/60	150-220

ELECTRIC CHAIN HOIST

- **SHELL:** Light alumunium alloy shell shall be adopted which is light but hard and fit for the use in the terrible work environment with a high heat dissipation rate and all tightness design.
- **INVERSE PHASE SEQUENCE PROTECTING DEVICE:**
It is the special electrical installation which control the circuit not to work in case of wiring error in the power supply.
- **LIMIT SWITCH:** The limit switch device is installed where the weight is lifted on and off to make the motor to stop automatically so as to prohibit the chains from exceeding for safety.
- **24V/36V DEVICE:** It is used to prohibit the emergencies from occuring in case of the leakage in the switch.



Model : HHBD



SIZE SPECIFICATION

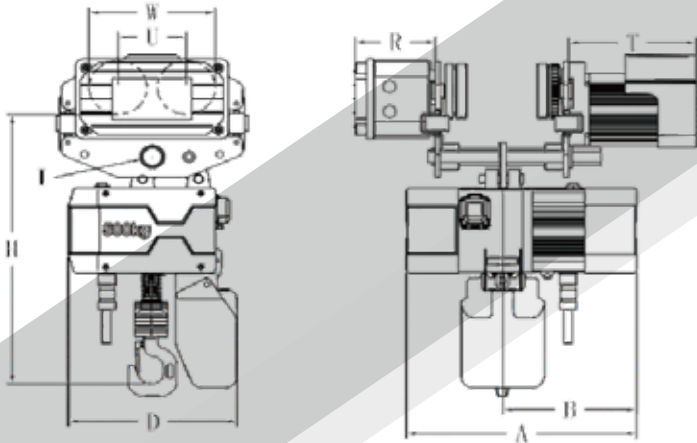
Product code	Capacity (t)	Unit(mm)														Chain
		H	A	B	D	E	I	K	L	N	E	U	R	T		
HHBD0101	1	650	520	260	300	176	Φ31	Φ42	32	24	206	111	142	231	Φ7.1	
HHBD0151	1.5	770	615	295	430	265	Φ36	Φ49	40	30	237	127	142	231	Φ10.0	
HHBD0201	2	770	615	295	430	265	Φ36	Φ49	40	30	237	127	142	231	Φ10.0	
HHBD0202	2	815	520	260	300	236	Φ36	Φ49	40	30	237	127	142	231	Φ7.1	
HHBD0251	2.5	830	615	295	430	265	Φ43	Φ59	48	35	265	140	142	231	Φ11.2	
HHBD0301	3	830	615	295	430	265	Φ43	Φ59	48	35	265	140	142	231	Φ11.2	
HHBD0302	3	930	615	295	430	320	Φ43	Φ59	48	35	265	140	142	231	Φ10.0	
HHBD0303	3	940	520	260	350	205	Φ43	Φ59	48	35	265	140	142	231	Φ7.1	
HHBD0502	5	1015	615	295	430	325	Φ54	Φ60	48	43	297	156	142	231	Φ11.2	
HHBD1004	10	1207	620	310	310	380	Φ70	Φ90	80	60	890	191	142	231	Φ11.2	



ELECTRIC CHAIN HOIST



- Ultra-quiet operation(<50dB).
- It is integrally formed by high-strength alloy die-casting, featuring excellent corrosion resistance and good sealing performance.
- High-performance motor, lightweight, small in size, and powerful.
- Wide voltage: 360-410V/3P/50Hz.
- Working class: M5, protection class IP55, insulation class F.
- Stepless speed change.
- The 360-degree rotatable lifting hook is forged, boasting excellent strength.
- The gear precision reaches Grade 7, and it is equipped with a special G80 nickel-plated chain for chain electric hoists.
- It includes upper and lower double limit switches.
- Electromagnetic brake.
- Wireless remote.



Model L:TD



SPECIFICATION

Model	Capacity (Ton)	Lifting Height (m)	Lifting speed (m/min)	running speed (m/min)	Hoist Power (Kw)	Operating Power (Kw)	Rotation speed (r/min)	Phases	Voltage (V)	Control Voltage (V)	China Ø (mm)	Rating
TD0.5-01	500	4	8	21	0.8	0.4	1440	3/2	110-480	24-48	6.3	M5
TD 01-01	1000	4	8	21	1.1	0.4	1440	3/2	110-480	24-48	7.1	M5
TD01-02	1000	4	8	21	1.1	0.4	1440	3/2	110-480	24-48	6.3	M5
TD02 -01	2000	4	8	21	2.2	0.4	1440	3/2	110-480	24-48	10.0	M5
TD02 -02	2000	4	4	21	1.1	0.4	1440	3/2	110-480	24-48	7.1	M5
TD03 -01	3000	4	7.6	21	3.0	0.8	1440	3/2	110-480	24-48	11.2	M5
TD03 -02	3000	4	4	21	3.0	0.8	1440	3/2	110-480	24-48	10.0	M5
TD05 -02	5000	4	4	21	3.0	0.8	1440	3/2	110-480	24-48	11.2	M5
TD7.5 -03	7500	4	2.7	21	3.0	0.8	1440	3/2	110-480	24-48	11.2	M5
TD10 -04	10000	4	4	21	3.0*2	0.8	1440	3/2	110-480	24-48	11.2	M5



MINI ELECTRIC WIRE ROPE HOIST

- Aluminum Alloy Casting, solid and light with simple structure.
- Copper wire winding motor, small resistance, high temperature resistance, not easy to burn the motor.
- Adopts anti-rotation aviation special steel wire rope with high safety factor and long service life.
- It is made of High Quality alloy material and is forged into a 360 - degrees rotating. Anti-skid hook, The safety performance is higher.



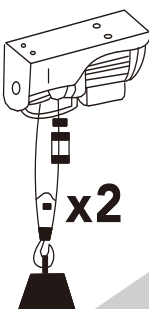
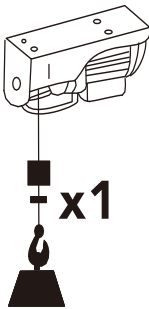
LOW - NOISE

Ultra Quiet deceleration system, high transmission efficiency.



SMART LIMITER

The limit device automatically stops the operation when the limit baffle hits the limiter.



Motor stator



Rotors



Brake pads



Model L : PA



Model : PAW

SPECIFICATION

Model	PA200	PA250	PA400	PA500	PA600	PA800	PA1000	PA1200
Rated volt(V)			220/230V 50HZ		S320%10min			
Input Power(w)	510	530	980	1020	1200	1300	1600	1900
Capacity load(kg)	100/200	125/250	200/400	250/500	300/600	400/800	500/1000	600/1200
Lifting height(m)	12/6	12/6	12/6	12/6	12/6	12/6	12/6	12/6
Lifting speed (m/min)	10/5	10/5	10/5	10/5	10/5	10/5	10/5	10/5
Packing dimensions(cm)	38×32×25	38×32×25	45×34×27	45×34×27	45×34×27	45×34×27	54×25×32	54×25×32
G.W/N.W(kg)	24/22	25/24	25/33	36/34	41/38	38/36	40/38	32.5/31.5
Quan/CTM(pcs)	2	2	2	2	2	2	1	1

SPECIFICATION OF TROLLRY

Model	Rated Capacity (T)	Assembling Height (m)	Moving Speed (m/min)	Rated Volt (v)	Power (V)	Speed (r/min)	Min Radius of Crooked Trackwhich Can pass (m)	Model of steel Beam (a)	Width of Track (mm)	N.W. (kg)
TD-0.5	0.5	6	13	AC 100/ 110 /120/220	160	1400	1	10-18	68-94	14
TD-1	1.0	6	13	AC 100/ 110 /120/220	540	1400	1.5	14-20	80-102	18
TD-1.2	1.2	6	13	AC 100/ 110 /120/220	540	1400	1.5	14-20	80-102	19



ELECTRIC WIRE ROPE HOIST

- **Reducer:** Third-class dead axel helical gear transmission structure is adopted; gear and gear axel are made of heat treated alloy steel; case and case cover with precise assembly and good seal are made of quality cast iron. The reducer is independent, so it's easy to load and unload it.
- **Control Box:** It has device with up and down stroke protection of break off limiter and can cutoff main circuit in an emergency, which ensures safe operation of electric block electric elements are of long service life and operational safety.



SPECIFICATION

CD1/MD1(CD1Y/MD1Y)												
Capacity(t)	0.5		1		2		3		5		10	
Jnrm Working Level	M3		M3		M3		M3		M3		M3	
Hoisting Height(m)	6	9	12	18	24	30	6	9	12	18	24	30
Hoisting Speed (m/min)	8(8/0.8)		8(8/0.8)		8(8/0.8)		8(8/0.8)		8(8/0.8)		7(7/0.7)	
Operating speed (suspended type)(m/min)	20(20/6.7)		30(30/10)		20(20/6.7)		30(30/10)		20(20/6.7)		30(30/10)	
Multiplying power of Chain Wheel	2/1		2/1		2/1		2/1		2/1		4/2	
Type and power of Hoisting Electric Motor(kw)	ZDY11-4(0.8)		ZDY22-4(1.5)		ZD31-4(3)		ZDY32-4(4.5)		ZD41-4(7.5)		ZD51-4(13)	
	ZDSI-0.2/0.8(0.2/0.8)		ZDS-0.2/1.5(0.2/1.5)		ZDSI-0.4/3(0.4/3)		ZDSI-0.4/4.5(0.4/4.5)		ZDSI-0.8/7.5(0.8/7.5)			
(Motor type and power (suspended type) (kw)	ZDY11-4(0.2)		ZDY11-4(0.2)		ZDY12-4(0.4)		ZDY12-4(0.4)		ZDY21-4(0.8)		2xZDY21-4(0.8)	
Level of Protection	IP44 IP54		IP44 IP54		IP44 IP54		IP44 IP54		IP44 IP54		IP44 IP54	
Type of I-Steel Track	116a~128b		116a~128b		120a~145c		120a~145b		125a~163c		140a~163c	
Minimum Turning Radius(m)	1	1	1	1.8	2.5	3.2	1	1	1.2	1.8	2.5	3.2
	1	1	1	1.8	2.5	3.2	1.2	1.2	1.5	2.0	2.8	3.5
	1.2	1.2	1.5	2.0	2.8	3.5	1.2	1.2	1.5	2.0	2.8	3.5
	1.5	1.5	1.5	2.5	3.0	4.0	1.5	1.5	1.5	2.5	3.0	4.0
Net weight(kg)	90	115	119	134	149	164	110	130	140	165	182	197
	193	198	228	260	300	330	242	246	285	320	370	381
	355	365	420	480	540	600	760	840	920	1000	1080	

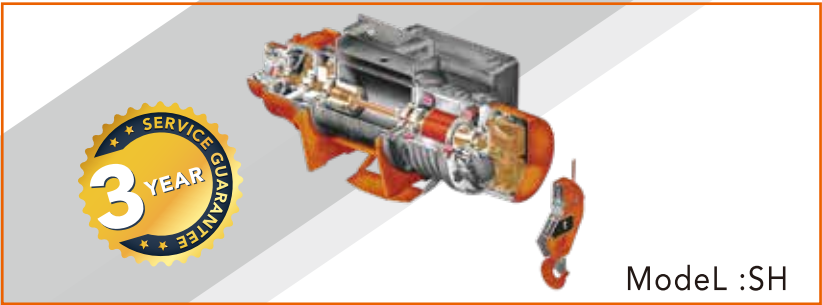


Model :CD1/MD1

- **Steel wire rope:** It uses GB1102-74(6x37+1) hoist steel wire rope which is durable in use.
- **Conical Motor:** The hoist motor uses conical rotors of relatively stronger starting torque to brake asynchronous motor and F grade insulation and it's grade of protection is IP 44/IP 54.
- **Button Switch:** It's hand-operated,easy to handle, and has two modes of cord operation and cordless remote control.

ELECTRIC WIRE ROPE HOIST

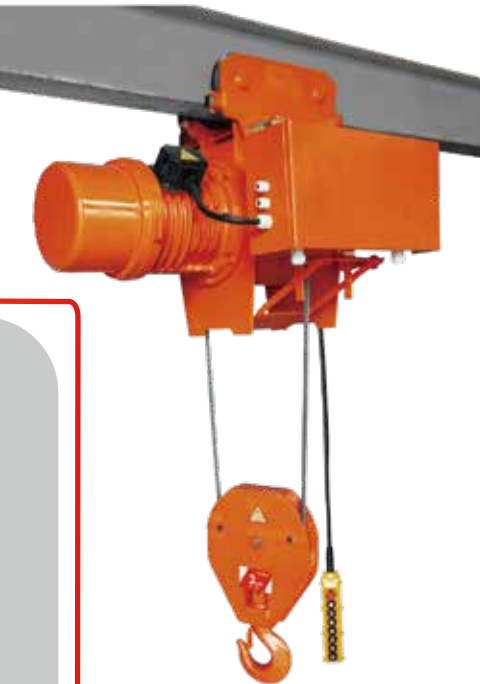
- **MOTOR:** It uses cylindrical rotor motor, with high performance, high torque, easy to heat, high pressure resistance, large output power, it can be turning on frequently. Working class is level 5, protection class is IP54.
- **GEAR BOX:** The gear uses alloy steel and the shaft is high carbon steel with teh heat treatment, high quality and long service life. The gear box cover uses high strength nodular cast iron, machining center processing to ensure the machining accuracy and reduce vibration. The cover assembly uses the special seal washer which could be reliable for sealing.
- **BRAKE:** The device uses electromagnetic brake system, when the brake disc wear, it can automatically adjust the brake in order to ensure the safety. Once the main braking device caused the decilne of goods fell too fast, the auxiliary brake system will turn on, which is in order to prevent the goods fall, forming double brake mechanism.



Model :SH

SPECIFICATION

Model	SH10		SH20		SH30		SH50		SH100		
Capacity(Ton)	1		2		3		5		10		
Lifting Height(m)	6	12	6	12	6	12	9	12	12		
Lifting Motor(Kw)	3		3		5.5		7.5		11		
Lift Speed(M/min)	11		6.2		7.5		6.7		5		
Trolley Speed(M-min)	21		21		21		21		14		
Ropes	2Ropes		2Ropes		2Ropes		4Ropes		4Ropes		
Wire Rope	Rope Dia.(mm)		φ8		φ12		φ14		φ12		φ16
	Wire Dia.(mm)		0.34		0.5		0.6		0.6		0.7
	Structure Form		6×19-B		6×37-B		6×37-B		6×37-B		6×37+1-B
LBEM Type	20a-45a		20a-45a		30a-63a		45a-63a		45a-63a		45a-63a
Min.Curve Radius(m)	1.5		1.8		2.0		3.0		Straight line		
Hoisting Motor	Type		1M6		2M7		3M6		5M5		10M
	Power(kw)		3kw		3kw		6kw		7.5kw		11kw
	Rotation Speed(r/min)		1380		1380		1380		1380		1380
	Voltage(F)		Frequency		380V/3F/50Hz		380V/3F/50Hz		380V/3F/50Hz		380V/3F/50Hz
	Current(Amp.)		6.44		6.44		12.8		15.6		22
Trolley Motor	Type		1T5		2T5		3T5		5T5		5FT5
	Power(kw)		0.4kw		0.4kw5		0.4kw		0.75kw		0.75×2kw
	Rotation Speed(r/min)		1380		1380		1380		1380		1380
	Voltage(F)		Frequency		380V/3F/50Hz		380V/3F/50Hz		380V/3F/50Hz		380V/3F/50Hz
	Current(Amp.)		1.5		1.5		1.5		2.2		2.2
Work Class	M4/30% ED		M4/30% ED		M4/30% ED		M4/30% ED		M4/30% ED		M4/30% ED
Packaging Size(cm)	99*60*52		118*80*52		106*71*64		126*71*68		164*83*75		185*93*75
Gross Weight(kgs)	208		236		340		376		454		495
Net Weight (kgs)	196		213		305		336		417		450
											670
											713
											2640





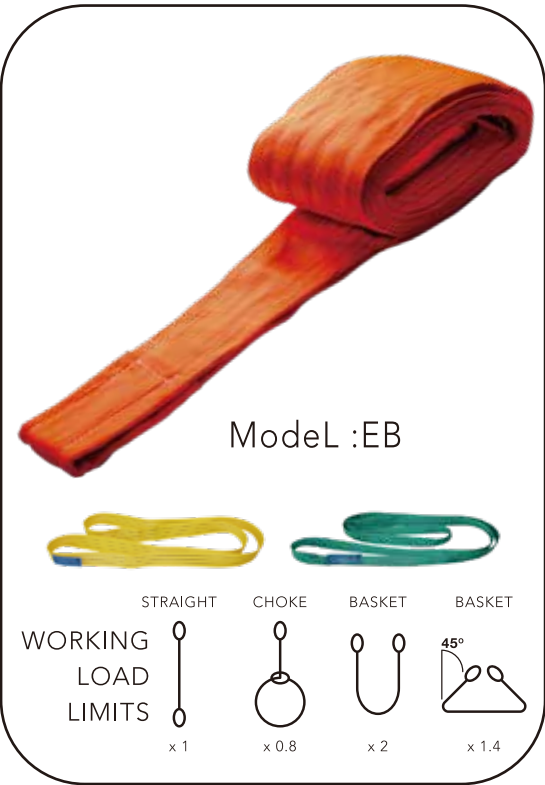
TEXTILE SLING
EB WEBBING SLING

- Material Double Ply Polyester web sling width reinforced lifting eyes.
- Web Sling colour coded according to EN 1492-1(7:1).
- Each sling is packed with CE declaration of conformity.

POLYESTER MATERIAL

Elongation at breaking force	ca. 12%
Elongation at WLL	ca. 3%
Elongation - resistance in wet condition	100%
Compared wear - resistance	80
Specific weight	1.38

PRODUCT IDENTITY
TOYO-INTL Webbing Sling original product with label tag logo on polyester material.

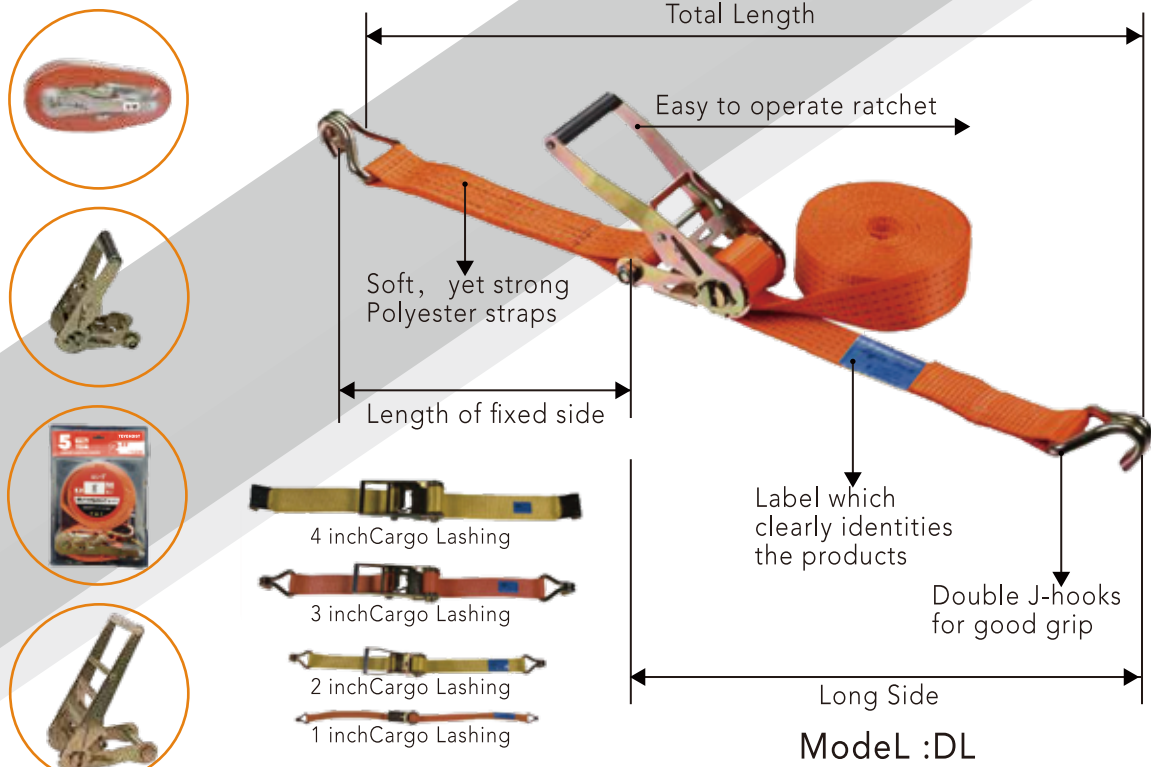


EB Webbing Sling's lifting method and maximum Safety Working Load parameter.

Max. SWL= Mode Coefficient P* Working Load Limit										Max. SWL of Lifting Method									
Code	Color	Single Max. Working Load Limit						2-Leg Max. Working Load Limit				Approx. Width (mm)			Min. Length (m)	Max. Length (m)			
		Upright	Choked	β				Upright 45°	Choked 45°	Upright 45° - 60°	Choked 45° - 60°								
				0° - 7°	7° - 45°	45° - 60°	45°												
																			
		1.0	0.8	2.0	1.4	1.0	0.7	1.4	1.12	1.0	0.8	5:1	6:1	7:1					
EB-01		1000	800	2000	1400	1000	700	1400	1120	1000	800	25	25	30	1	100			
EB-02		2000	1600	4000	2800	2000	1400	2800	2240	2000	1600	50	50	60	1	100			
EB-03		3000	2400	6000	4200	3000	2100	4200	3360	3000	2400	75	75	90	1	100			
EB-04		4000	3200	8000	5600	4000	2800	5600	4480	4000	3200	100	100	120	1	100			
EB-05		5000	4000	10000	7000	5000	3500	7000	5600	5000	4000	125	125	150	1	100			
EB-06		6000	4800	12000	8400	6000	4200	8400	6720	6000	4800	150	150	180	1	100			
EB-08		8000	6400	16000	11200	8000	5600	11200	8960	8000	6400	200	200	240	1	100			
EB-10		10000	8000	20000	14000	10000	7000	14000	11200	10000	8000	250	250	300	1	100			
EB-12		12000	9600	24000	16800	12000	8400	16800	13440	12000	9600	300	300	300	1	100			
EB-15		15000	12000	30000	21000	15000	10500	21000	16800	15000	12000	200	200	240	1	100			
EB-20		20000	16000	40000	28000	20000	14000	28000	22400	20000	16000	250	250	300	1	100			
EB-25		25000	20000	50000	35000	25000	17500	35000	28000	25000	20000	300	300	300	1	100			
EB-30		30000	24000	60000	42000	30000	21000	42000	33600	30000	24000	300	300	300	1	100			
EB-40		40000	32000	80000	56000	40000	28000	56000	44800	40000	32000				1	100			
EB-50		50000	40000	100000	70000	50000	35000	70000	56000	50000	40000				1	100			

CARGO LASHING SERIES

- Our range of tie downs, are manufactured as well with Ultra high tenacity Yarns, either in Polyester or in Polypropylene.
- Our Polypropylene tie downs series, are guaranteed to a usage under UV light for 3 years.
- Our new series of tie downs include, edge cutting resistant tapes, and others as antisliding, properties up to a 100%over other's existent in the market, or in our catalog, also we include the New series of automatic Retractable ratchet 50 and 25.
- All our manufacturing is automated as possible, to avoid as minimum labor error, i.e. our stitching.



Model	Explanation	Working Load(kg)	Working length(m)	Webbing width(mm)/(inch)
DL010	1 T,4~8m	1000	4~8	25 (1")
DL015	1.5 T,4~8m	1500	4~8	25 (1")
DL020	2 T,4~8m	2000	4~8	38 (1.5") /50 (2")
DL030	3 T,4~12m	3000	4~12	38 (1.5") /50 (2")
DL040	3 T,4~12m	3000	4~12	50 (2")
DL050	5 T,4~12m	5000	4~12	50 (2")
DL080	8 T,5~12m	8000	4~12	75 (3")
DL100	10 T,5~12m	10000	4~12	100 (4")



ROUND SLING

- Round sling has the maximum load upto 3000T,effective length upto 100m,safety factor adopted is normaly 7: 1, 6: 1.
- Round sling is made of high tension industrial yam(100%PES) ,the strands inside areas a form of endless cycle.The outside sleeve is also made of 100%PES,not for the loading,but to protect the strands inside.



Model :EA

EA Round Sling's lifting method and maximum Safety Working Load parameter.

Type	WLL(T)	Width(mm)	Color	Working Load Limit					Multi-set	
				Vertical	Choker	Basket	7°<b<45° Basket	7°<b<60° Basket	B<45°	B<45°
				100%	80%	200%	140%	100%	140%	112%
EA005	0.5	1" /25		500	400	1000	700	500	700	560
EA010	1	2" /50		1000	800	2000	1400	1000	1400	1120
EA015	1.5	3" /75		1500	1200	3000	2100	1500	2100	1680
EA020	2	4" /100		2000	1600	4000	2800	2000	2800	2240
EA025	2.5	5" /125		2500	2000	5000	3500	2500	3500	2800
EA030	3	6" /150		3000	2400	6000	4200	3000	4200	3360
EA040	4	8" /200		4000	3200	8000	5600	4000	5600	4480
EA050	5	10" /250		5000	4000	10000	7000	5000	7000	5600
EA060	6	12" /300		6000	4800	12000	8400	6000	8400	6720

EA-A ROUND SLING

The unique advantages of round slings :

- Especially suitable for loading round object.
- The surface of round sling is smooth, does not cause damages to tender objects loaded.
- Various loading methods, including dragging or pulling loaded object.
- Various loading methods and load is bear evenly, enable the sling's usage life last longer.
- High strength/weight ratio.



Model :EA-A

Round Sling in Choker Hitch Round Sling in Straight Lift

EA-A Round Sling's lifting method and maximum Safety Working Load parameter.

Max. SWL= Mode Coefficient P*Working Load Limit												Max. SWL of Lifting Method		
Code	Color	Single Max. Working Load Limit						2-Leg Max. Working Load Limit				Approx. Width (mm)	Min. Length (m)	Max. Length (m)
		Upright	Choked	β				Upright 45°	Choked 45°	Upright 45°-60°	Choked 45°-60°			
				0°-7°	7°-45°	45°-60°	45°							
														
1.0	0.8	2.0	1.4	1.0	0.7	1.4	1.12	1.0	0.8					
EA-A-01		1000	800	2000	1400	1000	700	1400	1120	1000	800	50	1	100
EA-A-02		2000	1600	4000	2800	2000	1400	2800	2240	2000	1600	60	1	100
EA-A-03		3000	2400	6000	4200	3000	2100	4200	3360	3000	2400	70	1	100
EA-A-04		4000	3200	8000	5600	4000	2800	5600	4480	4000	3200	75	1	100
EA-A-05		5000	4000	10000	7000	5000	3500	7000	5600	5000	4000	80	1	100
EA-A-06		6000	4800	12000	8400	6000	4200	8400	6720	6000	4800	90	1	100
EA-A-08		8000	6400	16000	11200	8000	5600	11200	8960	8000	6400	100	1	100
EA-A-10		10000	8000	20000	14000	10000	7000	14000	11200	10000	8000	110	1	100
EA-A-12		12000	9600	24000	16800	12000	8400	16800	13440	12000	9600	125	1	100
EA-A-15		15000	12000	30000	21000	15000	10500	21000	16800	15000	12000	150	1	100
EA-A-20		20000	16000	40000	28000	20000	14000	28000	22400	20000	16000	180	1	100
EA-A-25		25000	20000	50000	35000	25000	17500	35000	28000	25000	20000	200	1	100
EA-A-30		30000	24000	60000	42000	30000	21000	42000	33600	30000	24000	220	1	100
EA-A-40		40000	32000	80000	56000	40000	28000	56000	44800	40000	32000	250	1	100
EA-A-50		50000	40000	100000	70000	50000	35000	70000	56000	50000	40000	270	1	100
EA-A-60		60000	48000	120000	84000	60000	42000	84000	67200	60000	48000	280	1	100
EA-A-80		80000	64000	160000	112000	80000	56000	112000	89600	80000	64000	300	1	100
EA-A-100		100000	80000	200000	140000	100000	70000	140000	112000	100000	80000	320	1	100



GEARED TROLLEY

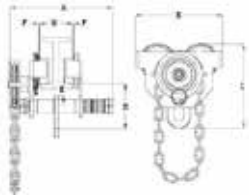
- High grade sealed ball bearings.
- With anti - drop plates.
- Galvanized hand chain.
- All structural parts made of high quality steel.
- Adjustable to any beam width, simply by adjusting the number of collars.
- For geared trolley, the standard operating length is 3 meter, other length is available upon request.



ADJUSTABLE WIDTH
The wheels are made to fit any shape of a beam.



GEAR GUIDE MECHANISM
Gear guide mechanism in flanged load sheave and guide roller facilitate smooth movement.



Model :GCL-B

TECHNICAL SPECIFICATION

Capacity (t)	I-BEAM(mm)	Dimensions(mm)						Net weight (kg)	Carton Size (mm)
	M	A	B	C	E	H	F		
1T*5M	75-120mm	258	250	214	11	118	1, 5-3	13.2	305*160*175
2T*5M	80-140mm	284	270	227	14	125	1, 5-3	17.8	330*170*205
3T*5M	80-142mm	312	315	304	8	165	1, 5-3	26.1	390*200*235
5T*5M	95-168mm	365	358	334	21	183	1, 5-3	39.4	440*235*270
10T*5M	100-255mm	458	430	434	36	250	1, 5-3	75	590*310*400
20T*5M	140-210mm	595	518	524	45	324	1, 5-3	190	610*415*525

PLAIN TROLLEY

- All structural parts made of high quality steel.
- Adjustable to any beam width, simply by adjusting the number of collars.
- High grade sealed ball bearings.
- With anti - drop plates.
- Galvanized hand chain.



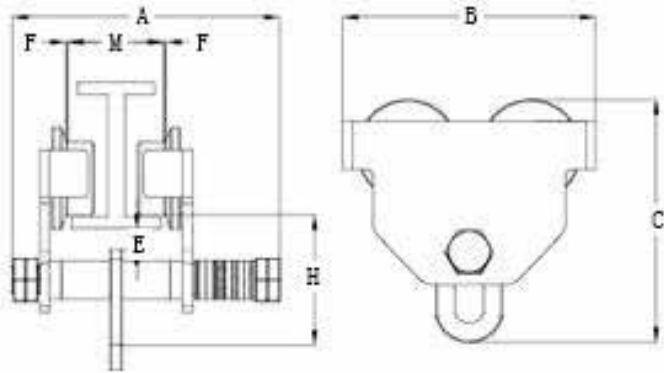
MOVEMENT MECHANISM
Trolley moves smoothly on cast iron flanged wheels equipped with sealed, lubed for life ball bearings.



ADJUSTABLE WIDTH
The wheels are made to fit any shape of a beam.



Model :GCT-B

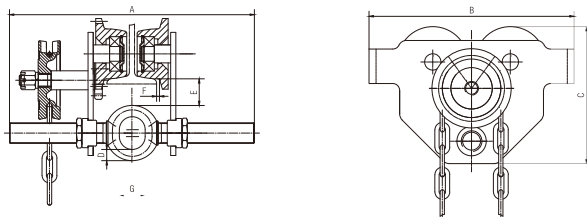


TECHNICAL SPECIFICATION

Capacity (t)	I-BEAM(mm)	Dimensions(mm)						Net weight (kg)	Carton Size (mm)
	M	A	B	C	E	H	F		
0.5T	75-120mm	198	204	188	23	113	1.5-3	6	295*75*185
1T	80-140mm	220	250	214	11	118	1.5-3	8	310*100*200
2T	80-142mm	243	270	227	14	125	1.5-3	11	340*130*210
3T	95-168mm	268	315	304	8	165	1.5-3	22	395*130*250
5T	100-255mm	305	358	334	21	183	1.5-3	30	440*150*300
10T	140-210mm	405	430	434	36	250	1.5-3	79	500*280*350



MANUAL GEAR TROLLEY

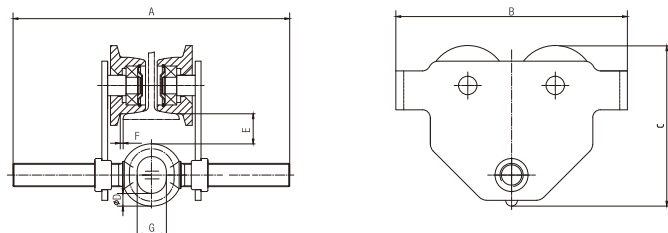


Model :GCL-C

MANUAL GEAR TROLLEY (MODEL: GCL-C)

Model		TGT-005	TGT-010	TGT-020	TGT-030	TGT-050	TGT-100*	TGT-200*	TGT-300*
Capacity	t	0.5	1	2	3	5	10	20	30
Proof Load	t	0.75	1.5	3	4.5	7.5	12.5	25	37.5
I-Beam Width	mm	50-220	58-220	66-220	74-220	90-220	125-203	136-203	144-250
Dimensions (mm)	A	352.5	353.5	362	406.5	434.5	487.5	523	570
	B	198	238	277	324	373	455	642	642
	C	158	183	208	249	296.5	490	622	622
	D	12.5	17	20	26	28	82	110	110
	E	40	31	31	31	40	36.5	54	50
	F	≈3	≈3	≈3	≈3	≈5	≈5	≈5	≈5
	G	25	29	36	46	52			
Net Weight	kg	8.5	12.5	17	28	45	93	247.5	254

MANUAL PUSH TROLLEY



Model :GCT-C

MANUAL PUSH TROLLEY (MODEL: GCT-C)

Model		TPT-005	TPT-010	TPT-020	TPT-030	TPT-050
Capacity	t	0.5	1	2	3	5
Proof Load	t	0.75	1.5	3	4.5	7.5
I-Beam Width	mm	50-220	58-220	66-220	74-220	90-220
Dimensions (mm)	A	285	300	300	328	354
	B	198	238	277	324	373
	C	158	183	208	249	296.5
	D	12.5	17	20	26	28
	E	40	31	31	31	40
	F	≈3	≈3	≈3	≈3	≈5
	G	25	29	36	46	52
Net Weight	kg	5	8.8	14	23	40

LIFTING CLAMP PLATE HORIZONTAL

WORKING LOAD LIMIT (WLL)
800 - 16000 kgs.

- The PDB Horizontal Plate clamps are suitable for lifting and transport of steel plates.
- Construction and profiled bar in horizontal position.
- Manufactured from high quality carbon steel.
- Avoid snatch re shock load the screw jaw of the body can be changed, also have a safety button.



Model :PDB

NB : The top angle between the chain / rope legs must not exceed 45 degree from vertical.



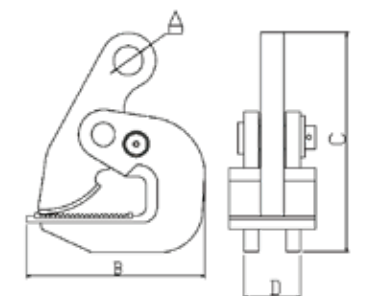
EUROPE MODEL

Suitable for lifting and horizontal transfer of steel plates structures.



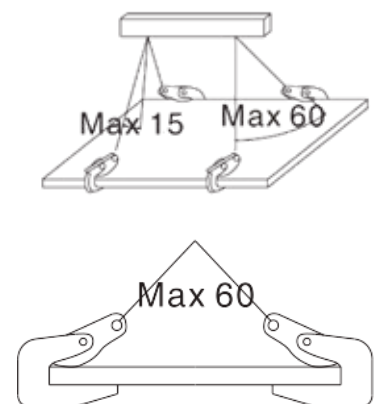
SOLID BODY

Made of High - quality Low - carbon alloy steel with a safety button.



SPECIFICATION

model	Jaw Opening [mm]	Load Capacity [kg/par]	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
PDB 0.8	0~20	800	22	125	165	40	2.65
PDB 1	0~30	1000	25	148	205	40	3.4
PDB 1.6	0~30	1600	30	148	205	45	4.6
PDB 2	0~40	2000	30	172	245	47	5.15
PDB 3.2	0~45	3200	30	180	245	50	5.85
PDB 4	0~50	4000	30	170	260	52	6.3
PDB 5	0~55	5000	30	180	260	56	6.9
PDB 6	0~65	6000	37	210	308	62	10.5
PDB6B	0~130	6000	37	316	310	62	22
PDB 8	0~100	8000	55	400	400	65	23.5
PDB 10	0~125	10000	55	500	500	75	32.5
PDB 16	100~180	16000	60	410	690	90	51





LIFTING CLAMP PLATE WERTICAL

WORKING LOAD LIMIT (WLL) 800 - 30000 kgs.

- 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.
- High - frequency quenching of die - forged special alloy steels gives greater durability to the cam.



Model : CDH

NB : The plate surface of the material must a hardness level below HRC30 / Brinell 300



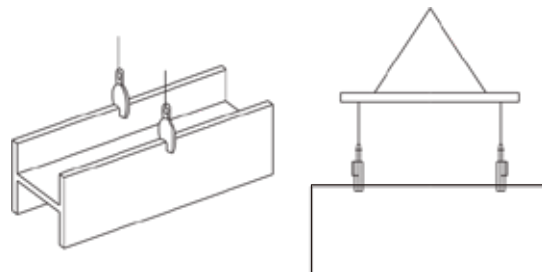
JAPAN MODEL

Suitable for lifting and vertical transfer of steel plates structures.



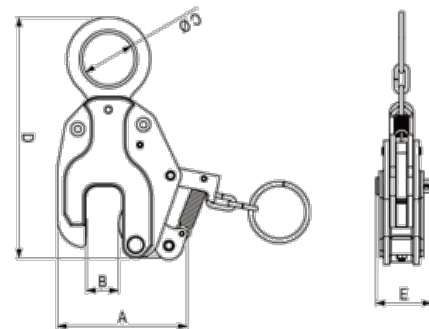
SOLID BODY

Made of High - quality Low - carbon alloy steel with a safety puller.



RACHET STRAP

Model	WLL(tonnes)	Jaw Opening(mm)	Weight(kg)
CDH-B 0.8	0.8	0-16	2.8
CDH-B 1	1	0-20	5
CDH-B 2	2	0-30	6.2
CDH-B 3.2	3.2	0-35	9.6
CDH-B 5	5	0-50	15.8
CDH-B 8	8	0-60	24
CDH-B 10	10	0-80	31.2
CDH-B 12	12	25-90	48
CDH-B 16	16	60-125	80
CDH-B 30	30	80-220	125



BEAM CLAMP

- Provides a quick and versatile rigging point for hoisting equipment, pulley blocks or loads.
- Flexible application due to wide adjustment range.
- The central threaded spindle allows easy attachment and a safe and secure grip.
- The spindle can be secured against loosening.
- Fits wide range of beams and flange widths, low headroom design.
- Widely option for flange width.



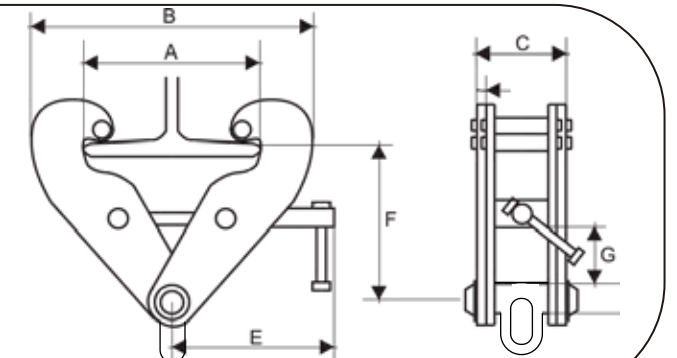
Model : JG



CLAMP JAW DESIGN
Special Beam Clamp Jaw design applies loads away from flange edge.



SAFETY MOUNTING & CRANK
Easy and simple mechanism to increase safety.



SPECIFICATION

Model	Capacity Load [t]	Test Load [kn]	I-Beam Width Range(mm)	A Max	B		C	E	F		G	Net weight (kg)
					Min	max			Min	max		
JG-1	1	12.3	75-220	260	180	360	64	215	102	155	25	3.8
JG-2	2	24.5	75-220	260	180	360	74	215	102	155	25	4.6
JG-3	3	36.8	80-320	354	235	490	103	260	140	225	45	9
JG-5	5	61.3	80-320	354	235	490	110	260	140	225	45	11
JG-10	10	122.5	90-320	365	320	505	120	280	170	235	50	16



DRUM LIFTER

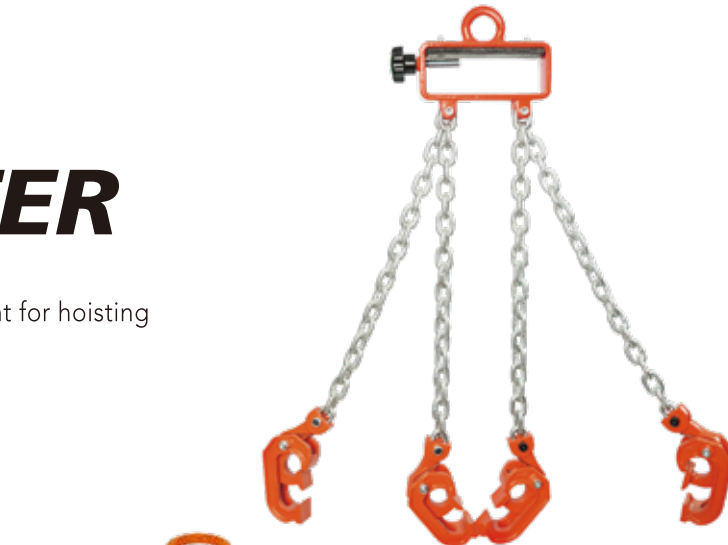
- Provides a quick and versatile rigging point for hoisting equipment, pulley blocks or loads.
- Flexible application due to wide adjustment range.
- Widely option for flange width.



CLAMP JAW DESIGN
Special Beam Clamp Jaw design applies loads away from flange edge.



SAFETY MOUNTING & CRANK
Easy and simple mechanism to increases safety.



Model :CDLP



Model :CDL



Model :CDLB

TECHNICAL SPECIFICATION

Model	Capacity (kg)	Chain Size (mm)	Length of lift chain (mm)	Net weight / New (kg)
CDLB	1000	6×18	500	3.6 / 5.38
CDLP	1000	7×21	500	5.6
CDL	1000	6×18	500	3.6

TPH PIPE PLATE CLAMP

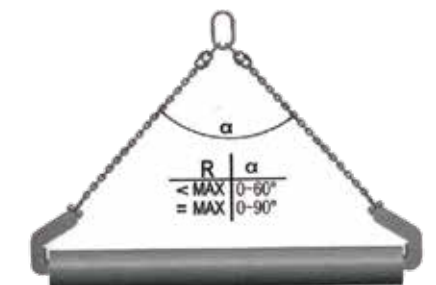
- For horizontal lifting and transporting of steel and concrete pipes.
- Compact shapes and relatively low own weight with a high lifting capacity.
- The surface is equipped with "special" plastic.
- The TPH will be delivered perpair.
- Plastic cover is easy to change.



Model :TPH

TECHNICAL PARAMETERS

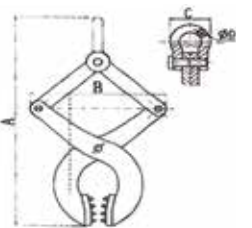
Model	WLL (tonnes)	Jaw Opeing (mm)	Weight (kg)
TPH 1.5	1.5	40	1.5
TPH 3	3.0	40	2
TPH 4	4.0	50	2.8
TPH 6	6.0	50	3.2
TPH 8	8.0	70	5
TPH 12	12.0	70	13
TPH 16	16.0	70	15.8
TPH 18	18.0	70	22



Model :PCT

PALLET CLAMP

- The pallet pullers are used to pull loaded pallets, slide heavy crates, etc., to edge of dock or truck, so it can be picked up with forklift truck.
- Variable jaw width grabs pallet securely and automatically releases.



Item No.	PCT10	PCT15	PCT20	PCT25
Capacity(t)	1	1.5	2	2.5
Beam width(mm)	30~130	30~180	30~150	30~135
Dimensions(mm)	A max	412	520	552
	A min	260	310	340
	B max	310	335	390
	B min	258	245	310
	C	12	86	86
	D	16	20	20
				22.5



PERMANENT
MAGNET LIFTER

MAIN USAGE AND CHARACTERISTICS

- The permanent magnet Lifter of PML Series is mainly used to magnetism plant shape or column ironware materials and workpiece.
- It is provided with the characteristics of light structure, easy operation and powerful magnetism.
- It has been widely used as the hoisting tool in factory tool in factory, dock storehouse and transportation.



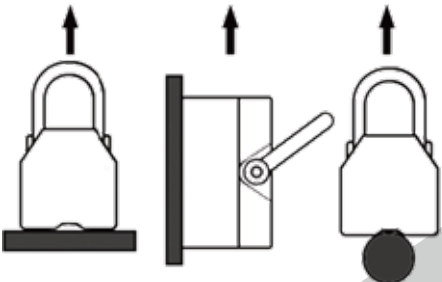
Model :PML



WORKING PERFORMANCE
Stable and lasting working performance magnet lifter.

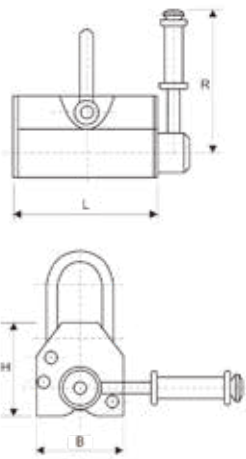


SAFETY FACTOR
High safety factor, strong pull - off - strength and strong permanent magnet circuit.



SPECIFICATION

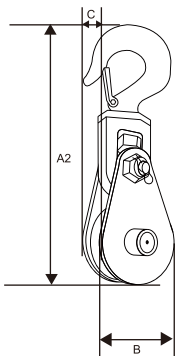
Type	Rated Lifting weight(kg)	Max pulling power(kg)	Dimension(mm)				Net weight(kg)
			L	B	H	R	
PML-100	100	300	135	63	75	160	3.65
PML-200	200	600	170	67	80	160	4.5
PML-300	300	900	190	92	94	215	10.8
PML-400	400	1200	190	92	94	215	10.8
PML-600	600	1800	240	120	115	240	20
PML-1000	1000	3000	300	136	138	270	34.5
PML-2000	2000	6000	390	160	168	368	66
PML-3000	3000	9000	480	160	168	368	80
PML-5000	5000	15000	570	230	220	490	200



SBH CHAMPION
SNATCH PULLEY
(hook Type)

SPECIFICATION

Model	S.W.L (t)	Sheave Dia D(mm)	A2 (mm)	B (mm)	C (mm)	For Wire Dia (mm)	N.W. (kg)
SBH- 3"x 1	2	75	292	82	70	7-9	4
SBH- 4-1/2"x 1	4	115	358	120	70	10-12	6.1
SBH- 6"x 1	4	150	412	160	70	16-18	13.8
SBH- 6"x 1	8	150	498	160	93	20-22	14.4
SBH- 8"x 1	8	200	549	210	93	20-22	16
SBH- 8"x 1	15	200	672	230	102	22-24	24
SBH-10"x 1	10	250	695	260	115	24-26	37.5
SBH-10"x 1	12	250	701	260	115	24-26	42
SBH-12"x 1	12	300	797	310	133	24-26	56
SBH-12"x 1	15	300	797	310	133	26-26	65
SBH-14"x 1	22	355	960	365	140	28-32	90
SBH-16"x 1	22	400	1027	415	140	28-32	108
SBH-16"x 1	30	400	1085	415	155	32-35	135
SBH- 20"x 1	30	500	1177	514	162	32-35	210
SBH- 24"x 1	50	600	1445	625	240	46-50	408



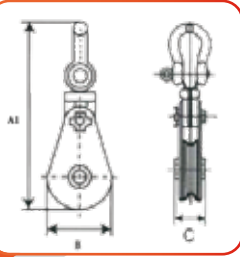
SBS CHAMPION
SNATCH PULLEY(shackle Type)

SPECIFICATION

Model	S.W.L (t)	Sheave Dia D(mm)	A1 (mm)	B (mm)	C (mm)	For Wire Dia (mm)	N.W. (kg)
SBS- 3"x 1	2	75	286	82	70	7-9	4
SBS- 4-1/2"x 1	4	115	345	120	70	10-12	6.1
SBS- 6"x 1	4	150	399	160	70	16-18	13.8
SBS- 6"x 1	8	150	475	160	93	20-22	14.4
SBS- 8"x 1	8	200	528	210	93	20-22	16
SBS- 8"x 1	15	200	663	230	102	22-24	24
SBS-10"x 1	10	250	679	260	115	24-26	37.5
SBS-10"x 1	12	250	679	260	115	24-26	42
SBS-12"x 1	12	300	767	310	133	24-26	56
SBS-12"x 1	15	300	884	310	133	26-26	65
SBS-14"x 1	22	355	952	365	140	28-32	90
SBS-16"x 1	22	400	1019	415	140	28-32	108
SBS-16"x 1	30	400	1126	415	155	32-35	135
SBS- 20"x 1	30	500	1256	514	162	32-35	210
SBS- 24"x 1	50	600	1525	625	240	46-50	408



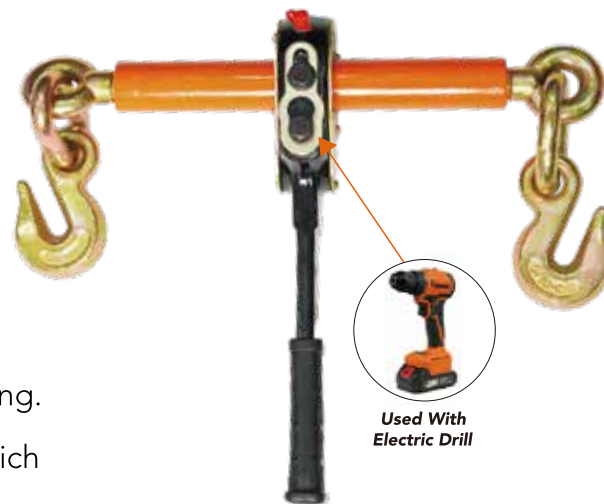
Model :SBS



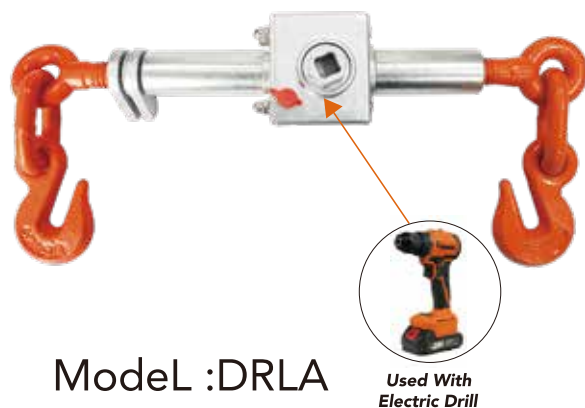


DRILL LOAD BINDER

- Electric ratchet fastening, used with electric drill(14mm).
- Handle forged with high strength alloy steel. And with rubber non-slip handle.
- Unique safety lock design to prevent loosening.
- Adopt high-frequency quenched turbine, which is efficient and durable.



Model :DRLB



Model :DRLA

- Electric ratchet tightening, suitable for electric wrenches, and no socket is required.
- No-handle design, small in size, light in weight, and convenient to carry.
- Unique safety lock design to prevent loosening.
- Adopt high-frequency quenched turbine, which is efficient and durable.
- Fast speed and higher efficiency.

SPECIFICATION

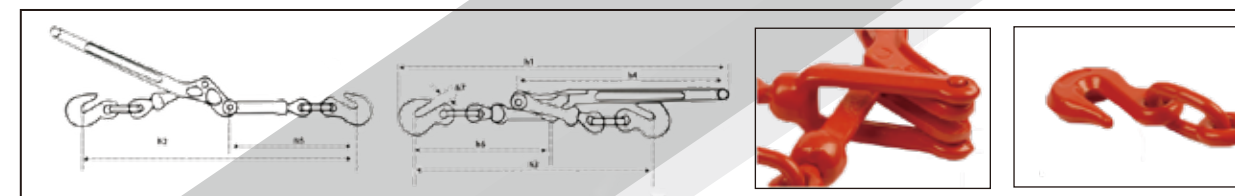
Min-max chain size(in)	WLL (lbs)	Proof load (lbs)	Min ultimate load(lbs)	Dimensions(in)					
				A	B	C	D	E	F
5/16-3/8	5400	10800	19000	24.41	22	0.51	9.84	4.92	12.21
3/8-1/2	9200	18400	33000	24.41	22	0.59	9.84	4.92	12.21

FORGED LEVER LOAD BINDER

- Made from quenched and tempered alloy steel.
- Extra heavy construction at leverage point to prevent spreading heel of binder toggles away from load, permitting easy release.
- Ball and socket swivel joints at hook assemblies permit a straightline pull



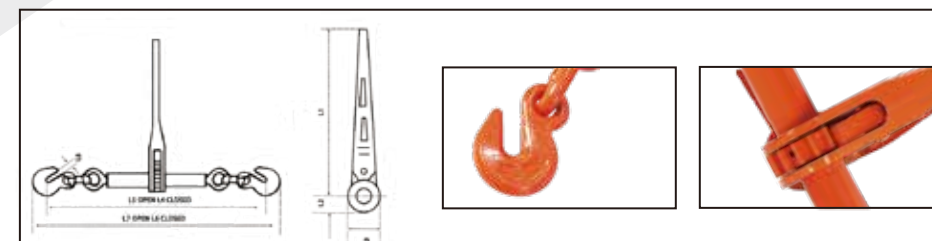
Model :LLB



SPECIFICATION

Min-Max chain size (in.)	WLL (lbs)	Proof load (lbs)	Min ultimate load (lbs)	Weight (lbs)	Handle length (in.)	Dimensions(in.)						
						H1	H2	H3	H4	H5	H6	H7
1/4-5/16	2600	5200	7800	3.52	11.42	18.5	17.3	14.17	11.42	8.27	8.07	0.35
5/16-3/8	5400	10800	19000	8.37	15.43	25.2	23.2	19.49	15.55	11.22	11.22	0.51
3/8-1/2	9200	18400	28000/33000	12.11/12.20	17.24	28.5	26.38	22.05	17.64	12.99	12.20	0.59
1/2-5/8	11000	22000	44000	19.7	21.00	33.86	30.12	25.78	20.87	14.37	14.37	0.74

FORGED RATCHET LOAD BINDER



Model :RLB

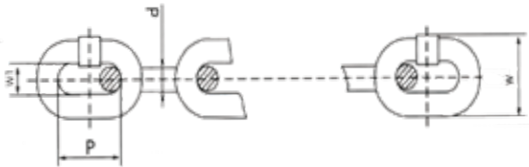
SPECIFICATION

Min-max chain size (in.)	WLL (lbs)	Proof load (lbs)	Min ultimate load (lbs)	Weight (lbs)	Handle length (in.)	Dimensions(in.)							
						L1	L2	L3	L4	L5	L6	L7	L8
1/4-5/16	2600	5200	7800	3.52	7.16	7.16	0.89	1.77	16.22	21.26	17.79	22.83	0.35
5/16-3/8	5400	10800	19000	10.50	13.42	13.92	1.30	2.60	22.64	30.64	25.25	33.24	0.51
3/8-1/2	9200	18400	33000	12.90	13.92	13.92	1.30	2.60	24.13	32.13	27.04	33.04	0.59
1/2-5/8	13000	26000	46000	14.38	13.92	13.92	1.30	2.60	26.45	34.45	30.07	38.07	0.74



CHAIN AND CHAIN SLING

- Alloy chain is designed and manufactured for superior performance and usage.It can easily withstand more abuse, abrasion resistance, greater load lifting per size and is lighter to handle for application.
- Alloy steel Material, heat treated and proof tested



Model :AW

Item No.	Chain Dia. p (mm)	Inside Length P (mm)	Alloy Chain GR80		WLL(t)	Ultimate Load(t)	Weight Approx(kg)
			Outside Width W (mm)	Inside Width W1 (mm)			
AW-80-05	5	15.00	16.25	6.80	0.65	2.60	0.50
AW-80-06	6	18.00	19.50	8.00	1.00	4.00	0.80
AW-80-063	6.3	19.80	21.50	8.50	1.41	5.00	0.84
AW-80-07	7	21.00	22.75	9.00	1.41	5.00	1.10
AW-80-071	7.1	21.30	24.00	9.30	1.60	6.40	1.15
AW-80-08	8	24.00	26.00	10.00	2.00	8.00	1.40
AW-80-09	9	27.00	29.25	12.20	2.50	10.00	1.82
AW-80-10	10	30.00	32.50	13.30	3.20	12.80	2.20
AW-80-112	11.2	34.00	36.00	13.70	3.80	15.20	2.70
AW-80-13	13	39.00	42.25	17.50	5.00	20.00	3.70
AW-80-16	16	48.00	52.00	21.50	8.00	32.00	5.60

- Original Germany WAFIOS Knitting, Spot welding calibrating and heat treatment machines and facilities are used for our daily production.

Item No.	Chain Dia. mm	in.	Inside length (mm)	SUPER HIGH STRENGTH CHAIN GR100		WLL(t)	Ultimate load(t)	Weight Approx(kg)
				Outside width (mm)	Inside width (mm)			
AW-100-05	5	0.20	15.00	16.25	10.00	0.65	3.25	0.53
AW-100-06	6	0.24	18.00	19.50	12.00	1.00	5.00	0.85
AW-100-08	8	0.31	24.00	26.00	16.00	2.00	10.0	1.46
AW-100-10	10	0.39	30.00	32.50	20.00	3.20	16.0	2.30
AW-100-13	13	0.51	39.00	42.25	26.00	5.00	25.0	3.82

GUIDE FOR SAFER AND LONGER USE OF SLING

Do

- Do select right capacity slings including angles of sling leg.
- Do ensure that the chain slings are not kinked and twisted.
- Do lift uniformly the load in the multi-leg slings.

Do Not

- Do not expose the chain slings to excessive heat, as working load limit is affected by the heat higher than the temperature in the table.
- Do not drag the chain slings on the ground.
- Do not heat the chain slings.



Model :TDC

Tie Down chain GR80 type: TDC		
Chain Dia.(mm)	Length(ft.)	N.W.(kg)
7.1	9	3.3
8.0	9	4.2
10.0	9	6.5
13.0	9	10.8
7.1	18	6.3
8.0	18	8.5
10.0	18	13.2
13.0	18	21.6



Model :BC70

Size	Binder chain grade70 type: BC70									
	W.T.(kg)	ASTM80 WLL(ld)	MBS(ld)	NACM90 W.T.(kg)	WLL(ld)	MBS(ld)	MACM96 W.T.(kg)	WLL(ld)	MBS(ld)	Pes per drum
1 / 4 " × 14 '	5.0	3,150	12,600	4.5	3,150	12,100	4.5	3,150	12,600	50
1 / 4 " × 16 '	6.0	3,150	12,600	5.0	3,150	12,100	5.0	3,150	12,600	40
5 / 16 " × 14 '	7.5	4,700	18,800	7.0	4,700	18,800	7.0	4,700	18,800	35
5 / 16 " × 16 '	8.5	4,700	18,800	8.0	4,700	18,800	8.0	4,700	18,800	30
5 / 16 " × 16 '	9.5	4,700	18,800	9.0	4,700	18,800	9.0	4,700	18,800	30
5 / 16 " × 20 '	10.5	4,700	18,800	10.0	4,700	18,800	10.0	4,700	18,800	25
5 / 16 " × 25 '	13.0	4,700	18,800	12.0	4,700	18,800	12.0	4,700	18,800	20
5 / 16 " × 30 '	15.5	4,700	18,800	14.5	4,700	18,800	14.5	4,700	18,800	20
3 / 8 " × 14 '	10.5	6,600	26,400	9.5	6,600	24,700	10.0	6,600	26,400	25
3 / 8 " × 16 '	12.0	6,600	26,400	11.0	6,600	24,700	11.5	6,600	26,400	20
3 / 8 " × 20 '	15.0	6,600	26,400	13.5	6,600	24,700	14.5	6,600	26,400	20
3 / 8 " × 25 '	18.5	6,600	26,400	16.5	6,600	24,700	18.0	6,600	26,400	15



BELT SLING

- This belt slings are woven webbing with master ring connectings and end fitting.
- The length can be made according to the customer' needs.
- The master rings include weldless alloy links ,weldless rings weldless sling links and master link assembly etc,connecting could be bow shackles and connecting links. You can choose any kind of hooks according to the lifted project.
- Lifting sling can be round sling or webbing sling,end fittings can be vairous hooks and other metal fittings.
- Standard satey factor: 4:1we can also produce SF5:1&6:1.



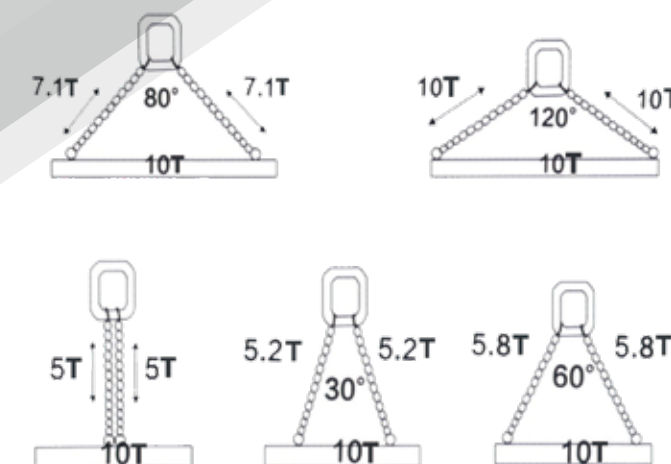
Model: BTS

WIRE ROPE SLING



Model: WRS

CHAIN SLING



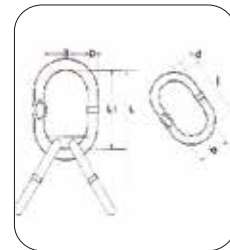
Model: CHS

	Color	$\beta=0$ to 45°	$\beta=0$ to 60°
	Purple	1000kg	
	Green	2000kg	
	Yellow	3000kg	
	Grey	4000kg	
	Red	5000kg	
	Purple	1400kg	1000kg
	Green	2800kg	2000kg
	Yellow	4200kg	3000kg
	Grey	5600kg	4000kg
	Red	7000kg	5000kg
	Purple	2100kg	1500kg
	Green	4200kg	3000kg
	Yellow	6300kg	4500kg
	Grey	8400kg	6000kg
	Red	10500kg	7500kg
	Purple	2100kg	1500kg
	Green	4200kg	3000kg
	Yellow	6300kg	4500kg
	Grey	8400kg	6000kg
	Red	10500kg	7500kg



MASTER LINK

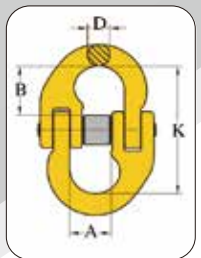
- High grade Alloy Steel (Quenched and Tempered) material
- Design Factor of 4: 1 for chain and 5: 1 for wire rope.
- Individually Proof Tested to 2.5 times the Working Load Limit(4: 1) , unless otherwise noted, with certification.



Model :MLA

ALLOY STEEL CONNECTING LINK

- The C Link's simple design allows instant assembly, dismantling and reassembly of dependably safe slings.
- Assembly only one chain or fitting to each C link body half.
- When reassembly a C link,we recommend you use a new pin and stud assembly.These are inexpensive and readily available.



Model :LTC

Alloy Master Link Assembly Grade 80 Welding Type: MLA									
Product Code	Size D (mm)	Dimensions(mm)						WLL 4:1 (t)	Weight (kg)
		L	L1	B	d	b	I		
MLA-8-16	16	214	120	70	13	60	115	4.1	1.4
MLA-8-20	20	267	170	90	16	70	120	6.5	2.5
MLA-8-22	22	310	170	90	20	90	170	8.2	4.2
MLA-8-25	25	329	190	100	20	90	170	10.7	4.5
MLA-8-28	28	407	270	140	22	90	170	12.9	6.4
MLA-8-32	32	424	270	140	25	100	190	17.1	9.9
MLA-8-38	38	493	270	140	32	140	270	28.1	18.2
MLA-8-45	45	540	320	170	38	140	270	39.3	27.7

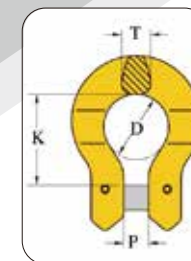


Model :MLW

- Each link has a Product Identification Code(PIC) for material traceability, along with the size and the manufacture mark.
- Larger inside width and length for use with thimble.

Alloy Master Link Grade 80 Welding Type: MLW					
Product Code	Size D (mm)	Dimensions(mm)		WLL 4:1 (t)	Weight (kg)
		L	B		
MLW-8-13	13	115	60	2.50	0.4
MLW-8-16	16	120	70	4.25	0.6
MLW-8-16A	16	170	100	4.25	0.80
MLW-8-20	20	170	90	6.70	1.30
MLW-8-22	22	170	90	8.20	1.60
MLW-8-22A	22	210	110	8.20	1.65
MLW-8-25	25	190	103	10.70	2.30
MLW-8-28	28	270	140	11.80	4.00
MLW-8-32	32	270	140	17.10	5.30
MLW-8-38	38	270	140	28.10	7.50
MLW-8-45	45	320	170	39.3	12.3

Alloy connecting link grade 80 type: LTC							
Item No.	Working load limit(t)	For grade 80 chain(mm)	Dimensions(mm)				N.W. (kg)
			K	A	D	B	
LTC006	1.12	6	44	15	7	17	0.1
LTC007	2.0	7,8	59	18	9	22	0.2
LTC010	3.15	10	68	25	13	26	0.3
LTC013	5.3	13	91	30	16	35	0.7
LTC016	8.0	16	100	36	19	38	1.1
LTC018	12.5	18,20	122	42	23	48	1.7
LTC022	15.0	22	152	49	24	60	3.0
LTC026	21.2	36	162	55	31	62	4.6
LTC032	31.5	32	202	69	38	79	8.6



Model :LTO

- Rated for alloy chain Grade 80 and Grade100 for lifting application.
- Locking system that provides for simple assembly and disassembly-no special tools needed.
- Marked with brand, WLL, Batch No.and Size

Alloy omega link grade 80 type: LTO							
Item No.	Working load limit(t)	For grade 80 chain(mm)	Dimensions(mm)				N.W. (Kg)
			K	D	T	P	
LTO006	1.12	6	30	21	9	8	0.1
LTO007	2.0	7,8	36	27	11	9	0.2
LTO010	3.15	10	44	32	15	12	0.4
LTO013	5.3	13	55	42	17	16	1.0
LTO016	8.0	16	69	50	22	18	1.4
LTO018	12.5	18,20	71	58	28	20	2.3



ALLOY STEEL
SAFETY HOOKS



Model L :HSE

Eye Safety Hook

Item No.	Size (mm)	Alloy Eye Safety Hook Grade 80 Type: HSE Dimensions(mm)								WLL 4:1 (t)	Weight (kg)
		L	A	B	D	E	F	G	H		
HSE006	6	107	28	28	70	22	10.5	16	22	1.2	0.5
HSE007	7	132	31	36	88	25	12	20	24	2.0	0.8
HSE010	10	164	48	41	106	32	15	26	30	3.2	1.5
HSE013	13	206	60	52	138	40.5	20	32	40	5.4	3.2
HSE016	16	249	73	60	170	55	23	40	51	8.2	6.1
HSE018	18	270	77	79	187	64	27	45	56	12.5	7.5
HSE022	22	310	90	88	204	70	30	52	65	15.0	13.4



Model L :HSC

Clevis Safety Hook

Item No.	Size (mm)	Alloy Clevis Safety Hook Grade 80 Type: HSC Dimensions(mm)										WLL 4:1 (t)	Weight (kg)
		L	A	B	C	D	E	F	G	H			
HSC006	6	95	31	26	7.8	70	8.5	32	16	22	1.2	0.45	
HSC007	7	117	39	36	9.2	89	9	37	20	24	2.0	0.85	
HSC010	10	140	52	44	13.2	107	12	47.5	26	30	3.2	1.45	
HSC013	13	176	65	52	16.3	139	15	60	32	40	5.4	2.90	
HSC016	16	210	75	63	20.2	168	18	73	40	51	8.2	5.60	
HSC018	10	232	83	76	24.3	186	25	81	45	56	12.5	6.50	
HSC022	22	265	88	80	28.2	204	25.5	98	52	65	15.0	16.00	



Model L :HSA

Swivel Safety Hook

Item No.	Working Load Limit(t)	For Grade 80 Chain(mm)	Alloy Swivel Safety Hook Type: HSA								N.W. (kg)
			K	P	B	Dimensions(mm)			A	D	
HSA006	1.12	6	149	29	22	31	12	15	21	0.6	
HSA007	2.0	7.8	186	34	29	36	14	20	25	1.1	
HSA010	3.15	10	220	44	34	40	16	26	31	2.0	
HSA013	5.3	13	267	52	43	46	22	34	40	4.0	
HSA016	8.0	16	328	60	52	60	24	41	52	6.8	
HSA018	12.5	18,20	388	90	82	75	26	48	62	11.6	
HSA022	15.0	22	457	80	95	97	33	49	63	16.0	

LARGE HOOKS
W/LATCH



- Breakage test.
- Ultimate load is 4 times working load limit.
- Fatigue tested at 1. 5 times Working Load Limit for 20000 cycles.

Eye Hook With Latch

Stock No.	Dimensions(mm)				W.L.L.(T)	Weight(KG)
	B	E	R	T		
UEH0125	19.0	20.0	81.0	19.0	1.25	0.26
UEH0160	22.5	22.0	90.5	20.5	1.6	0.41
UEH0250	27.0	27.0	105.0	27.0	2.5	0.61
UEH0320	32.0	32.0	123.5	30.0	3.2	0.98
UEH0540	39.0	37.0	147.0	37.0	5.4	1.68
UEH0800	50.0	48.0	190.0	48.0	8	3.63
UEH0115	64.0	53.0	230.0	53.0	11.5	6.72
UEH0160	70.5	60.0	25.0	60.0	16	10.04
UEH0220	89.0	77.0	3164.0	77.0	22	16.20



Model L :UEH

Swivel Hook With Latch

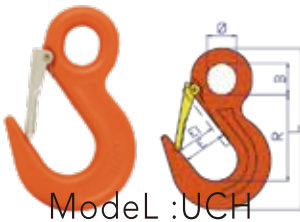
Stock No.	Size(mm)	Dimensions(mm)							W.L.L.(T)	Weight(KG)
		A	E	B	H	K	L	M		
USH006	6	31.8	22.3	23.8	9.5	113.5	142.5	16.0	1.12	0.40
USH008	8	44.5	25.4	41.3	15.9	152.8	195.7	21.0	2.0	1.03
USH010	10	44.5	28.4	39.7	15.9	161.9	207.9	23.0	3.15	1.29
USH013	13	50.8	34.0	44.5	19.1	188.1	244.2	28.0	5.3	2.33
USH016	16	63.5	42.9	58.7	25.4	243.7	315.7	35.5	8.0	4.72
USH020	20	69.9	52.2	60.3	28.6	282.6	368.4	41.0	12.5	7.37
USH022	22	79.4	57.0	71.4	31.8	303.2	403.7	56.5	15.0	10.63
USH026	26	105.0	81.0	114.0	40.0	431.0	546.0	69.0	21.2	21.40
USH032	32	105.0	82.5	105.0	40.0	472.0	596.0	76.2	31.5	32.00



Model L :USH

Container Hook

Stock No.	Size(mm)	Dimensions(mm)						W.L.L.(T)	Weight(KG)
		B	L	E	E1	R	Ø		
UCH006	6	26.5	149.0	47.0	39.0	83.5	24.0	2	0.68
UCH008	8	35.5	179.0	49.0	40.0	95.0	30.0	3	1.38
UCH010	10	38.5	198.0	54.0	45.0	105.5	33.5	5	1.72
UCH013	13	52.0	250.0	69.5	61.0	127.5	43.0	8	3.50



Model L :UCH



ALLOY STEEL GRAB HOOK

- Material is highgrade alloy steel(quenched and tempered).
- Used with alloy chain Grade 80 for lifting application.
- Marked with Brand, WLL, Batch No.and Size.
- 100% 4 times of capacity proof load tested.
- Ulimatte load is 7 times of capacity.

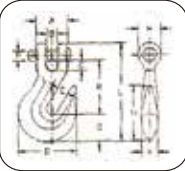


Chain Size(in.)	Stock No.	WLL(lbs)	Weight Each (lbs)	Alloy Eye Grab Hook Type: A-323										
				Dimensions(in.)										
				A	B	C	D	E	G	K	L	N	R	
1 / 4	1132384	3500	0.28	1.09	0.53	0.31	1.81	0.34	0.88	0.47	3.05	1.75	1.88	
5 / 16	1132400	4700	0.45	1.31	0.62	0.38	2.12	0.44	0.97	0.59	3.59	2.06	2.28	
3 / 8	1132428	7100	0.79	1.56	0.75	0.44	2.53	0.50	1.17	0.72	4.28	2.34	2.69	
1 / 2	1132464	12000	1.75	1.94	0.88	0.53	3.56	0.66	1.53	0.78	5.44	2.97	3.28	
5 / 8	1132482	15800	3.25	2.38	1.06	0.66	4.39	0.78	1.78	1.09	6.66	4.31	4.11	
3 / 4	1132507	24700	5.94	2.88	1.38	0.75	5.22	0.94	2.13	1.31	8.06	5.09	5.16	



Model :A-323

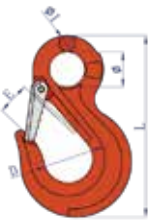
Chain Size(in.)	Stock No.	WLL (lbs)	Weight Each (lbs)	Alloy Clevis Swivel Grab Hook Type: A-330											
				Dimensions(in.)											
				A	B	C	D	E	G	H	K	L	N	P	R
1 / 4	1123249	3500	0.36	1.00	0.32	0.31	1.81	0.34	0.88	0.72	0.47	3.05	1.75	0.31	1.64
5 / 16	1123267	4700	0.62	1.22	0.43	0.36	2.12	0.44	0.97	0.91	0.59	3.66	2.06	0.38	2.02
3 / 8	1123285	7100	1.00	1.42	0.48	0.49	2.53	0.50	1.17	1.00	0.72	4.42	2.34	0.44	2.41
7 / 16	1123301	8750	1.31	1.66	0.66	0.62	3.09	0.56	1.31	1.13	0.69	4.94	2.66	0.56	2.75
1 / 2	1123329	12000	2.22	1.88	0.57	0.51	3.56	0.66	1.53	1.25	0.78	5.72	2.97	0.63	3.19
5 / 8	1123347	15800	4.41	2.31	0.71	0.67	4.39	0.78	1.78	1.56	1.09	6.83	4.31	0.75	4.09
3 / 4	1123365	24700	6.50	2.62	0.94	0.94	5.22	0.94	2.13	1.88	1.31	8.13	5.09	0.88	4.63



Model :A-330

Eye Sling Hook With Latch

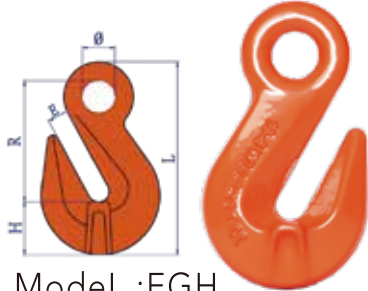
Stock No.	Size(mm)	D	Dimensions(mm)				W.L.L.(T)	Weight(KG)
			E	L	I	Ø		
ESH006	6	32.4	25.0	107.0	9.0	20.0	1.12	0.30
ESH008	7/8	37.2	30.0	131.5	10.5	25.0	2.0	0.55
ESH010	10	43.8	32.5	167.0	16.0	38.0	3.15	1.15
ESH013	13	55.0	37.0	213.0	19.5	42.5	5.3	2.32
ESH016	16	68.9	42.0	256.0	23.0	50.0	8.0	3.45
ESH020	20	87.4	51.0	305.0	27.0	61.0	12.5	6.60
ESH022	22	98.0	72.0	344.0	33.0	68.3	15.0	8.50
ESH026	26	112.5	85.0	392.5	34.5	63.0	21.2	13.00
ESH032	32	140.0	106.0	480.5	37.0	88.0	31.5	17.00



Model :ESH

CLEVIS SHORTENING GRAB HOOK

Stock No.	Size(mm)	Dimensions(mm)					W.L.L.(T)	Weight(LBS)
		A	E	H	L			
EGH006	6	8.0	8.0	18.5	76.5	1.12	0.12	
EGH008	7/8	9.5	11.0	21.0	90.7	2	0.32	
EGH010	10	12.5	13.5	29.5	124.5	3.15	0.78	
EGH013	13	15.3	17.0	42.0	160.5	5.3	1.65	
EGH016	16	19.5	20.0	44.0	182.0	8	2.86	
EGH020	20	24.0	24.0	54.8	215.7	12.5	5.05	
EGH022	22	27.0	28.0	67.5	252.0	15	6.32	
EGH026	26	30.0	30.0	78.5	304.5	21.2	14.50	



Model :EGH

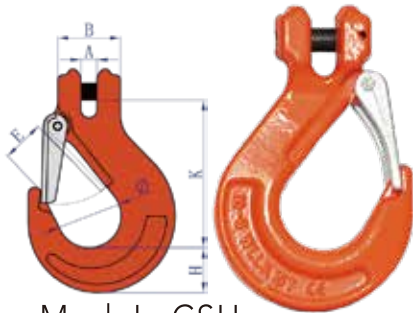
Stock No.	Size(mm)	Dimensions(mm)					W.L.L.(T)	Weight(LBS)
		R	H	E	ø	L		
CGH006	6	49.2	18.5	8.0	13.5	76.0	1.12	0.17
CGH008	8	60.0	21.0	11.0	17.0	90.3	2	0.25
CGH010	10	78.0	29.0	13.2	20.0	120.0	3.15	0.65
CGH013	13	98.0	42.8	16.5	26.0	156.0	5.3	1.39
CGH016	16	106.5	43.5	19.4	30.0	167.0	8	2.20
CGH020	20	140.0	54.8	24.0	37.0	217.3	12.5	4.60
CGH022	22	162.2	68.0	28.0	44.0	255.2	15	8.20
CGH026	26	193.5	78.5	30.0	49.0	304.5	21.2	9.80
CGH032	32	228.0	95.0	38.0	57.0	360.5	31.5	19.40



Model :CGH

Clevis Sling Hook With Latch

Stock No.	Size(mm)	Dimensions(mm)					W.L.L.(T)	Weight(LBS)
		A	B	ø	H	K		
CSH006	6	9.0	35	27.0	20.5	74.0	21.0	0.17
CSH008	7/8	9.3	36.8	37.5	26.5	86.5	26.0	0.25
CSH010	10	12.4	46.6	44.5	33.5	104.0	30.0	0.65
CSH013	13	16.9	54.6	56.3	41.0	128.0	43.0	1.39
CSH016	16	21.5	70.5	63.5	49.5	157.0	47.0	2.20
CSH020	20	24	88.5	75.5	56.5	186.5	52.0	4.60
CSH022	22	28	90.0	98.0	63.0	205.0	68.0	8.20
CSH026	26	31.1	116.0	114.0	75.0	245.4	85.0	21.2
CSH032	32	35	150.0	140.0	88.0	317.0	106.0	31.5



Model :CSH

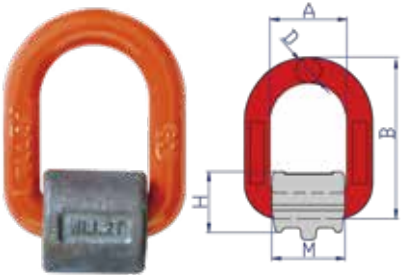


FORGED D-RINGS WITH WRAPS

- Material: Forged superalloy steel.
- 100% magna flux crack detection.
- Breakage test.
- Welding is to be performed by a qual fied welder.



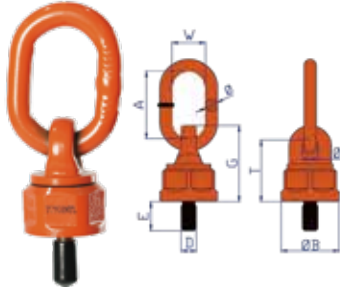
Stock No.	Dimensions(mm)					W.L.L.(T)	Weight(KG)
	A	B	D	H	M		
TLDRW0112	41.0	78.0	13.0	30.0	37.0	1.12	0.40
TLDRW0200	42.0	88.0	14.0	33.0	40.0	2	0.48
TLDRW0315	45.0	94.0	17.0	35.0	42.5	3.15	0.69
TLDRW0530	55.0	118.0	22.0	47.5	51.0	5.3	1.50
TLDRW0800	70.5	140.0	26.0	56.5	65.0	8	2.50
TLDRW1000	85.0	165.0	30.0	70.0	90.0	10	4.25
TLDRW1500	98.0	189.0	34.0	77.0	90.0	15	5.79
TLDRW2000	147	278	46.0	85.0	121	20	15.1



Model :DRW

Muti -Directional Using Lifting Swivel

Stock No.	Size D×E	Dimensions(mm)					W	Ø	W.L.L.(T)		Weight(KG)
		A	B	C	G	T			90°	0°	
TLDS0813	M8x13	55.0	36.0	15.5	52.0	44.0	30.0	13.0	0.3	0.6	0.43
TLDS1019	M10x19	55.0	36.0	15.5	52.0	44.0	30.0	13.0	0.45	0.9	0.45
TLDS1219	M12x19	55.0	36.0	15.5	52.0	44.0	30.0	13.0	0.5	1	0.46
TLDS10318	M12x31.8	55.0	36.0	15.5	52.0	44.0	30.0	13.0	0.5	1	0.47
TLDS1422	M14x22	55.0	36.0	15.5	52.0	44.0	30.0	13.0	1.12	2	0.48
TLDS14318	M14x31.8	55.0	36.0	15.5	52.0	44.0	30.0	13.0	1.12	2	0.49
TLDS16318	M16x31.8	55.0	36.0	15.5	52.0	44.0	30.0	13.0	1.12	2	0.50
TLDS2030	M20x30	85.0	60.0	22.5	81.0	69.0	40.0	18.0	2	4	1.57
TLDS20318	M20x38.1	85.0	60.0	22.5	81.0	69.0	40.0	18.0	2	4	1.58
TLDS2230	M22x30	85.0	60.0	22.5	81.0	69.0	40.0	18.0	2	4	1.58
TLDS22381	M22x38.1	85.0	60.0	22.5	81.0	69.0	40.0	18.0	2	4	1.59
TLDS2430	M24x30	85.0	60.0	22.5	81.0	69.0	40.0	18.0	3.15	6.3	1.61
TLDS24381	M24x38.1	85.0	60.0	22.5	81.0	69.0	40.0	18.0	3.15	6.3	1.62
TLDS2735	M27x35	85.0	60.0	22.5	81.0	69.0	40.0	18.0	3.15	6.3	1.62
TLDS3035	M30x35	115.0	80.0	26.5	110.0	90.0	50.0	25.0	5.3	10.6	3.72
TLDS3050	M30x50	115.0	80.0	26.5	110.0	90.0	50.0	25.0	5.3	10.6	3.75
TLDS3335	M33x35	115.0	80.0	26.5	110.0	90.0	50.0	25.0	8	11.8	3.75
TLDS3350	M33x50	115.0	80.0	26.5	110.0	90.0	50.0	25.0	8	11.8	3.77
TLDS3654	M36x54	115.0	80.0	26.5	110.0	90.0	50.0	25.0	8	11.8	3.81
TLDS3958	M39x58	115.0	80.0	26.5	110.0	90.0	50.0	25.0	8	8	3.86



Model :DLS

HYDRAULIC CYLINDERS

Lightweight ,easy to carry.
Baked enamel finish for increased corrosion resistance.
All the raw material specially hear-treated and proccessed by imported CNC lathes.
Importde high quality seals to provide better protection to the cylinder,making the cylinder not easy to wear out.



Hard underlay
(avoid plunger break when it is overloading)

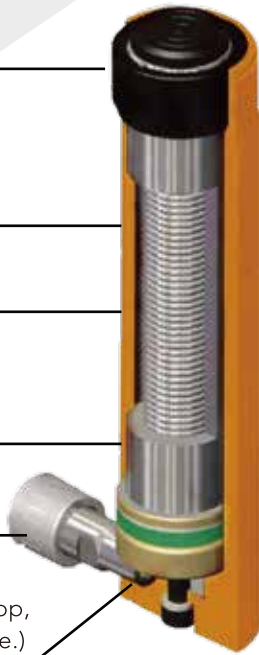
Stopping ring(to protect the cylinder when the stroke get to top,absorb heaviness in the other side)

Spring(provide the capability of quick flexing)

Cylinder wall and principal axic (they can avoid eroding and less friction by chrome plate)

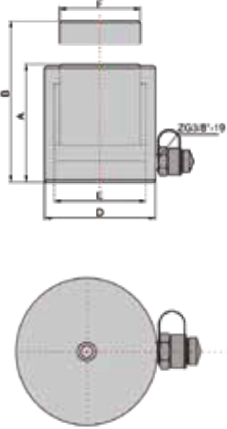
O-ring (great sealing performance,long service life)

Stopping ring(to protect the cylinder whenthe stroke get to top, absorb heaviness in the other side.)



SPECIFICATION

Model	Tonnage (T)	Stroke (mm)	Oil capacity (cm ³)	Closed height A(mm)	Extended Height B(mm)	Outside Dia. (mm)	Inside Dia. E(mm)	Piston Dia. F(mm)	G.W. (Kg)			
RSC-1050	10	50	85	120	170	60	45	38	3.1			
RSC-10100		100	169	170	270				4.4			
RSC-10150		150	254	220	370				5.7			
RSC-2050		50	157	120	170				4			
RSC-20100	20	100	311	170	270	88	65	53	5.3			
RSC-20150		150	465	220	370				6.6			
RSC-3050		50	237	120	170				7.9			
RSC-30100		100	471	170	220				10.7			
RSC-30150	30	150	705	220	370	107	75	68	13.5			
RSC-5050		50	389	120	170				11.6			
RSC-50100		100	768	170	270				127	95	85	14.9
RSC-50150		150	1147	220	370							18
RSC-10050	100	50	779	120	170	177	130	110	25.7			
RSC-100100		100	1530	170	270				30.6			
RSC-100150		150	2281	220	320				35.5			
RSC-15050		50	1133	182	232				43			
RSC-150100	150	100	2237	232	332	205	165	115	53			
RSC-150150		150	3342	282	432				63			
RSC-20050		50	1500	202	252				190	135	60	
RSC-200100		100	2953	252	352						71	
RSC-200150	150	4406	302	452	83							
RSC-25050	250	50	1815	248	298	270	215	180	105			
RSC-250150		150	5446	348	498				142			
RSC-250300		300	10892	498	798				158			
RSC-30050		50	2262	267	317				285	240	200	126
RSC-300150	150	6786	367	517	165							
RSC-300300	300	13572	517	817	224							
RSC-40050	400	50	2863	315	365	325	270	220	195			
RSC-400150		150	8588	415	565				245			
RSC-400300		300	17177	565	865				318			
RSC-50050		50	3653	345	395				373	305	250	283
RSC-500150	500	150	10959	445	595	349						
RSC-500300		300	21918	595	895	451						





LIFTING JACK

Manual Hydraulic Cylinder with Toe-lift

Widely used in mechanical equipment, bridge construction, railway track and other aspects of the installation and maintenance, transportation heavy loading and unloading, car tractor repair.



Model :HTL

Model	Capacity (T)	Head Capacity (T)	Min.toc Height (mm)	Max.toc Height (mm)	Min.Head Height (mm)	Max.Head Height (mm)	Packing size (mm)	Net Weight (kg)
HTL025	5	2.5	16	130	235	362	215x160x260mm	10
HTL050	10	5	25	148	295	418	305x220x320mm	24
HTL100	20	10	32	173	330	471	325x275x355mm	38
HTL150	30	15	32	200	345	520	330x280x360mm	48
HTL250	50	25	40	160	390	520	395x300x420mm	80

Hydraulic Jack

- The load must be stable during lifting.
- Unit must be used on flat surfaces able on carry the load.

Model	Rated lifting Capacity (t)	Min.toc Height (mm)	Lifting stroke (mm)	N.W/G.W.(kg)	Packing size (mm)
HYJ 050	5	25	230	21	365x200x430
HYJ 100	10	30	260	30	380x225x485
HYJ 250	25	58	273	101	540x320x615



Model :HYJ

STANDARD FLOOR JACK

- Large Steel Casters and swivel casters for easy maneuverability.
- Lightweight for easy mobility and transport.
- All welded steel frame construction with rust resistant finish for longer tool life.
- Meet ANSI/AS ME&CE/GS standards.



Model :HFJ

Model	Lifting Wt (ton)	Min.H(mm)	Lifting.H.(mm)	Max H.(mm)	Net.WT(kg)	GR.WT.(Kg)	Quantity (pcs)	Package	Measurement (cm)	20' Container (pcs)
HFJ001	2	125	175	300	6.5	7.5	1	Blow case	45x22.5x14.5	2400
HFJ002	2	125	175	300	6.5	7	1	Color box	43x20x13.5	2600
HFJ003	2	135	200	335	7.5	8.5	1	Blow case	48x23.3x15.5	1900
HFJ003	2	135	200	335	7.5	8	1	Color box	45.5x20x14.5	2100
HFJ005	2	135	200	335	8.5	9.5	1	Blow case	48x23.3x15.5	1900
HFJ005	2	135	200	335	8.5	9	1	Color box	45.5x21x14.5	2100
HFJ007	2	135	215	350	9.5	11	1	Blow case	53x23.0x15.0	1500
HFJ008	2	135	215	350	9.5	10	1	Color box	50.5x21x15.0	1400
HFJ014	1.5	125	175	300	7	8	1	Blow case	45x22.5x14.5	2400
HFJ015	1.5	125	175	300	7	7.5	1	Color box	43x20x13.5	2600

Hydraulic Bottle Jack Standard Type

High performance, low failure, long life.

Model	Capacity (T)	Min.H(mm)	Lifting.H.(mm)	Adjust H.(mm)	N.W.(Kg)	Qty/Ctn(pcs)
HBJ002	2	148	80	50	2.2	10
HBJ004	4	180	110	60	3	5
HBJ006	6	185	110	60	3.8	5
HBJ008	8	200	125	60	4.8	4
HBJ010	10	200	125	60	5.3	4
HBJ012	12	210	125	60	6.5	4
HBJ016	16	225	140	60	7.5	2
HBJ020	20	235	145	60	10	2
HBJ050	50	255	150	60	20	1
HBJ 050	50	230	120	60	19.5	1
HBJ100	100	335	180		68	1
HBJ200	200	370	200		138	1

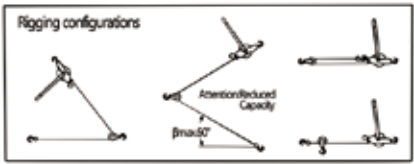
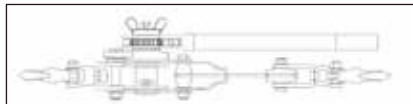


Model :HBJ



RATCHET PULLER

- Ratchet and other core components use high-quality alloy steel.
- The hook is made of 35 crmo material.
- Forward/reverse load holding mechanism 360°Handle movement
- Fast advance mechanism.
- High quatliy galvanized steel wire rope.

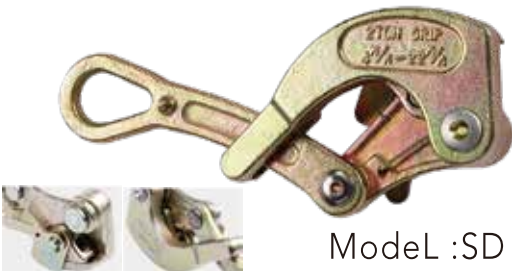


Model :JRP

Model	JRP-1000	JRP-1500	JRP-2000	JRP-3000
Rated capacity	1.0	1.5	2.0	3.0
Wire rope diameter(mm) * lenght(mm)	5*2300	6*2300	6*2300	8*2300
Length of the after tightening	580	680	680	780
Net weight	3.30	4.35	4.70	6.5

WIRE GRIP

- Product is forged of alloy steel with heat treatment.
- The rack has strong anti-tension with high occlusion strength.
- The clamping jaw are made of 20crmnti carburizing steel, doubling the service life.

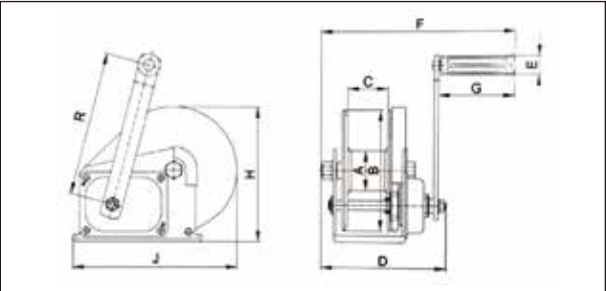


Model :SD

Model	SD-0.5	SD-1	SD-2	JX-3
Rated capacity	0.5	1	2	3
Wire diameter Recommend mm	1-10	2.5-16	4-22	16-32
Dimensions				
mm	A	71	91	129
	B	131	189	296
	C	16	25	30
	D	16	37	50
Net weight	0.45	0.75	1.5	2.5

HAND WINCH

- The cost-effective solution for a wide variety of applications, Brake Hand Winches can be used to pull or lift loads.
- Positive action brake can hold the load in any position.

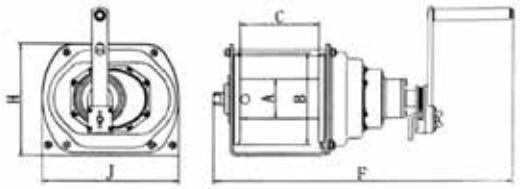


Model :BHW



Model	Rated capacity(lbs)	Test load (KN)	Transmission ratio	Hand operated strength(N)	Dimensions(mm)												Net weight (kg) (no wire rope)
					A	B	C	D	E	F	G	H	J	R			
BHW-12	1200	8	4.2:1	180	Φ48	Φ134	51	157	Φ27	273	110	156	184	208	3.7		
BHW-18	1800	12	5:1	190	Φ60	Φ180	60	190	Φ27	288	110	203	246	319	8.1		
BHW-26	2600	17.5	10:1	190	Φ75	Φ180	63	209	Φ27	307	110	216	294	319	10.3		

Ideal for use in confined locations, the ratchet handle permits reciprocating handle movement in both directions for hoisting and lowering loads.



Model :JHW



Model	Safe Working Load(t)	Test load (kN)	Adopted wire rope dia.*length(m)	Transmission ratio	The max length of link-pole action(mm)	Min.force of hand turn (N)	Dimensions(mm)										Net weight (kg)
							A	B	C	D	E	F	H	I	J		
0.5t	0.5	6.125	Φ6.3×40	4.33:1	350	120	Φ60	Φ140	150	100	Φ15	403	182	130	245	14.4	
1t	1	12.25	Φ8×40	12.19:1	350	120	Φ76	Φ175	154	110	Φ18	443	214	170	266	19.7	
2t	2	24.5	Φ9×40	22.68:1	350	130	Φ90	Φ190	195	155	Φ18	490	230	170	300	25.1	
3t	3	36.75	Φ12.5×40	29.16:1	350	180	Φ100	Φ230	205	155	Φ18	549	296	170	365	44.3	



CARGO TROLLEY

Turnable with bearings

SPECIFICATIONS

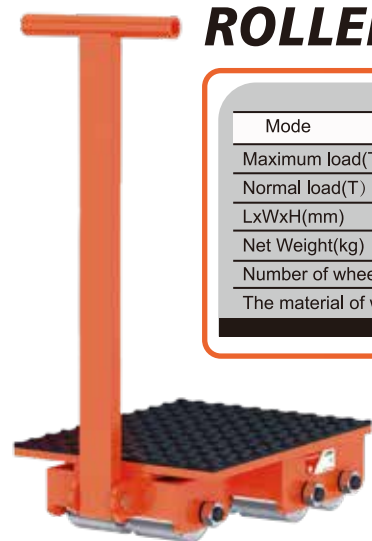
Item No.	Capacity(t)	N.W.(kg)
RSA06	6	13.95
RSA08	8	20.8
RSA12	12	27.1
RSA18	18	42.45



Model :RSA

ROLLER SKATES

Mode	RS-W-6	RS-W-8	RS-W-12	RS-W-15	RS-W-24	RS-W-30
Maximum load(T)	6	8	12	15	24	30
Normal load(T)	4	6	8	12	18	24
LxWxH(mm)	80x70	80x70	80x70	80x70(Double)	80x70(Double)	100x70(Double)
Net Weight(kg)	14	20	32	36	52	86
Number of wheels	4	6	8	6	8	8
The material of wheel	PU wheel	Steel wheel				



Model :RS-W

- Shifting skates can be used wherever heavy objects have to be moved. The load can be lifted using either the roller crowbar or a jack, allowing the skates to be easily positioned.
- The large diameter sealed nylon roller ensure ease of movement and spread the load, protecting high quality floors from damage caused by highpoint loads and oil/grease contamination.



Model :RS-C

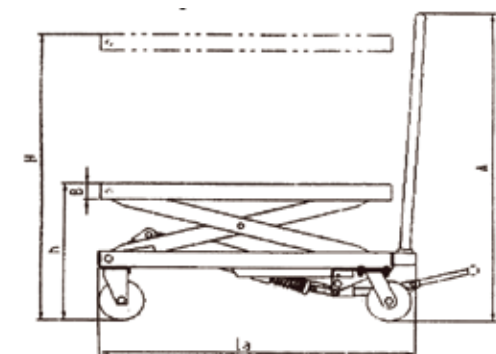
Mode	RS-C-2	RS-C-4	RS-C-6	RS-C-10	RS-C-15
Maximum load(T)	3	5	8	12	18
Normal load(T)	2	4	6	10	15
LxWxH(mm)	500x480x110	630x550x110	630x550x110	650x560x110	720x620x110
Net Weight(kg)	20.5	32.5	45	67	88
Number of wheels	3	5	3	4	5
The material of wheel	PU wheel / Steel wheel				

SCISSOR LIFT TABLE

- High-performance sealed integral cylinders
- Equipped with an overload protection device to effectively prevent overload use
- Lagging handles
- Collapsible handle
- Repair the support rods
- Double brake wear-resistant PU wheels
- Widened scissors Thickened steel plates
- Stable lifting and strong bearing capacity
- Buffer spring design
- Upgrade the protective bezel
- Thickened lacquered countertops



Model :SLT



SPECIFICATION

Model	150KG*1.26M	350KG*1.3M	350KG*1.5M	500KG*1.5M	800KG*1.5M	1000KG*1.7M	1500KG*1.7M
Table size(mm)	700x450x35	905x510x50	905x510x50	905x500x50	1200x610x60	1200x610x80	1200x610x80
Min.Height(mm)	302	350	350	360	450	510	510
Wheel diameter(mm)	100	125	125	125	125	150	150
Net weight(KG)	52	87	88	99	145	206	226



HYDRAULIC
HAND PALLET
TRUCK

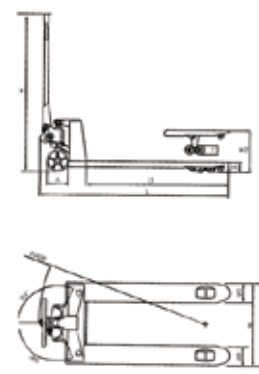
- High quality, high requirements, standardized production
- Climbing training wheels effectively reduce pressure
- One-piece pouring seal oil pump
- Thickened steel springs
- Strengthens the connecting arm for greater strength
- Thicken the connecting rod
- Widened wear-resistant load-bearing casters
- PU wheels are not easy to wear
- The lagging handle is not easy to slip off
- Hand control pressure relief Foot pedal pressure relief



Model L:AC



SPECIFICATION



Model	AC 2.0	AC 2.5	AC3.0	AC5.0
Capacity(kg)	2000	2500	3000	5000
Min.fork height(mm)	85/75	85/75	85/75	85/75
Max.fork height(mm)	195/185	195/185	195/185	195/185
Lifting height(mm)	110	110	110	110
Fork length(mm)	1150/1220	1150/1220	1150/1220	1150/1220
Single fork width(mm)	160	160	160	160
Width overall forks(mm)	550/685	550/685	550/685	550/685
Fork wheel-single(mm)	80X93/74X93	80X93/74X93	80X93/74X93	80X93/74X93
Fork wheel-tandem(mm)	80X70	80X70	80X70	80X70
Steering wheel(mm)	180X50	180X50	180X50	180X50
Self weight(kg)	73-92	73-92	73-92	73-92
Qty/20 feet container (pcs)	180/144	180/144	180/144	180/144

HYDRAULIC
HAND PALLET
TRUCK WITH SCALE

Hand Pallet Truck with scale is an excellent economic solution for all weighing requirements in a busy warehouse environments, which allows you to weigh cargo where you want and when you want.



Model L:CW



High precision sensor



Print function



High precision digital display

SPECIFICATION

Model	CW
Capacity(kg)	1500/2000/2500/3000
Total lift height(mm)	195
Lowered fork height(mm)	85
Fork length(mm)	1150/1220
Width overall forks(mm)	550/685
Steering wheel(mm)	φ 180x50
Fork wheel(mm)	φ 80x70
Truck weight(kg)	120-130

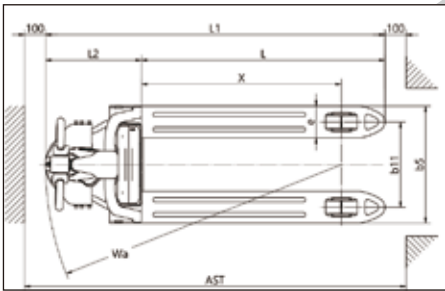
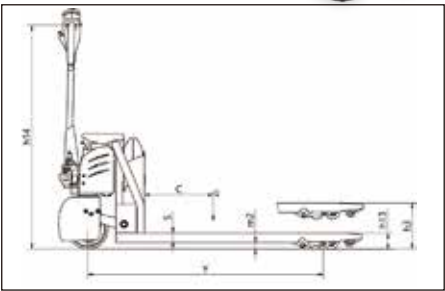


ELECTRIC
PALLET TRUCK

The electric pallet truck adopts advanced features such as a ring rod lifting system and a DC controller. It is equipped with a high-quality motor, lithium battery, and pump station motor. This pallet truck offers superior performance, convenient operation, flexible steering, reliable braking, excellent dynamic performance, low noise, reduced pollution, and an attractive appearance.



Model :EPT



SPECIFICATION

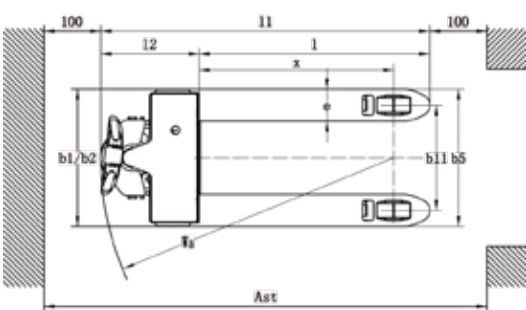
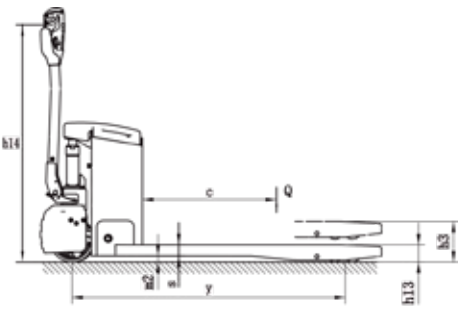
Model	Rated traction weight (kg)	Lifting Height (mm)	Min. Fork Height (mm)	Overall Length (mm)	Overall Width (mm)	Fork Size (mm)	Width of fork (mm)	Battery voltage/ rated capacity (V/Ah)	Type of steering
EPT1.5T	1500	200	85	1603	550/685	50/150/1150	550/685	24/20	Mechanical
EPT2T	2000	200	85	1603	550/685	50/150/1150	550/685	48/20	Mechanical

ELECTRIC
PALLET TRUCK

The electric pallet truck uses storage batteries as a power source and a DC motor as the driving force. The gear drive powers the vehicle's movement, while fork lifting is achieved through a DC motor and hydraulic transmission, which drives the cylinder to lift goods. Since the truck's traveling and lifting functions are electric, it features energy-saving, high efficiency, smooth operation, simple controls, safety and reliability, low noise, and zeropollution.



Model :EPT



SPECIFICATION

Model	Rated traction weight (kg)	Lifting Height (mm)	Min. Fork Height (mm)	Overall Length (mm)	Overall Width (mm)	Fork Size (mm)	Width of fork (mm)	Battery voltage/ rated capacity (V/Ah)	Type of steering
EPT3T	3000	200	85	1640	550/685	55/160/1150	550/685	48/65	Mechanical



BOW SHACKLE

US TYPE SCREW PIN ANCHOR BOW SHACKLE G209 S209
(Hot ash zinc plating craft—More beautiful, more corrosion resistance; 6:1 SAFETY FACTOR)

Nominal Size (in.)	Working Load Limit(t)	Weight Each (lbs.)	Dimensions(in.)													Tolerance +/-	
			A	B	C	D	E	F	G	H	L	M	P	C	A		
3/16	1/3	0.06	0.38	0.25	0.88	0.19	0.60	0.56	0.98	1.47	0.16	1.12	0.19	0.06	0.06		
1/4	1/2	0.10	0.47	0.31	1.13	0.25	0.78	0.61	1.28	1.84	0.19	1.38	0.26	0.06	0.06		
5/16	3/4	0.19	0.53	0.38	1.22	0.31	0.84	0.75	1.47	2.09	0.22	1.66	0.31	0.06	0.06		
3/8	1	0.31	0.66	0.44	1.44	0.38	1.03	0.91	1.78	2.49	0.25	2.03	0.38	0.13	0.06		
7/16	1-1/2	0.38	0.75	0.50	1.69	0.44	1.16	1.06	2.03	2.91	0.31	2.38	0.44	0.13	0.06		
1/2	2	0.72	0.81	0.63	1.88	0.50	1.31	1.19	2.31	3.28	0.38	2.69	0.50	0.13	0.06		
5/8	3-1/4	1.37	1.06	0.75	2.38	0.63	1.69	1.50	2.94	4.19	0.44	3.34	0.69	0.13	0.06		
3/4	4-3/4	2.35	1.25	0.88	2.81	0.75	2.00	1.81	3.50	4.97	0.50	3.97	0.81	0.25	0.06		
7/8	6-1/2	3.62	1.44	1.00	3.31	0.88	2.28	2.09	4.03	5.83	0.50	4.50	0.97	0.25	0.06		
1	8-1/2	5.03	1.69	1.13	3.75	1.00	2.69	2.38	4.69	6.56	0.56	5.07	1.06	0.25	0.06		
1-1/8	9-1/2	7.41	1.81	1.25	4.25	1.16	2.91	2.69	5.16	7.47	0.63	5.59	1.25	0.25	0.06		
1-1/4	12	9.50	2.03	1.38	4.69	1.29	3.25	3.00	5.75	8.25	0.69	6.16	1.38	0.25	0.06		
1-3/8	13-1/2	13.53	2.25	1.50	5.25	1.42	3.63	3.31	6.38	9.16	0.75	6.84	1.50	0.25	0.13		
1-1/2	17	17.20	2.38	1.63	5.75	1.54	3.88	3.63	6.88	10.00	0.81	7.35	1.62	0.25	0.13		
1-3/4	25	27.78	2.88	2.00	7.00	1.84	5.00	4.19	8.86	12.34	1.00	9.08	2.25	0.25	0.13		
2	35	45.00	3.25	2.25	7.75	2.08	5.75	4.81	9.97	13.68	1.22	10.34	2.40	0.25	0.13		
2-1/2	55	85.75	4.13	2.75	10.50	2.71	7.25	5.69	12.87	17.84	1.38	13.00	3.13	0.25	0.25		



US BOLT TYPE ANCHOR BOW SHACKLE G2130 S2130
(Hot ash zinc plating craft—More beautiful, more corrosion resistance; 6:1 SAFETY FACTOR)

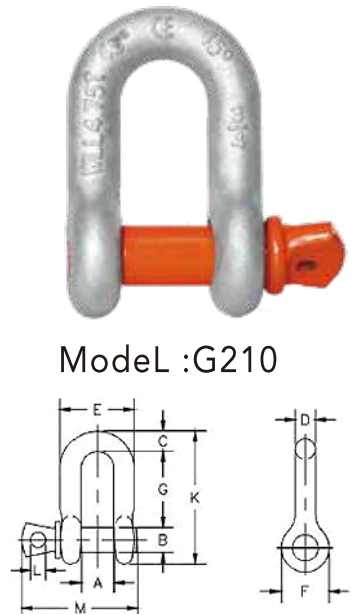
Nominal Size (in.)	Working Load Limit (t)	Weight Each (lbs.)	Dimensions(in.)											Tolerance +/-	
			A	B	C	D	E	F	H	I	N	C	A		
3/16	1/3	0.06	0.38	0.25	0.88	0.19	0.60	0.56	1.47	0.98	0.19	0.06	0.06		
1/4	1/2	0.11	0.47	0.31	1.13	0.25	0.78	0.61	1.84	1.28	0.25	0.06	0.06		
5/16	3/4	0.22	0.53	0.38	1.22	0.31	0.84	0.75	2.09	1.47	0.31	0.06	0.06		
3/8	1	0.33	0.66	0.44	1.44	0.38	1.03	0.91	2.49	1.78	0.38	0.13	0.06		
7/16	1-1/2	0.49	0.75	0.50	1.69	0.44	1.16	1.06	2.91	2.03	0.44	0.13	0.06		
1/2	2	0.79	0.81	0.64	1.88	0.50	1.31	1.19	3.28	2.31	0.50	0.13	0.06		
5/8	3-1/4	1.68	1.06	0.77	2.38	0.63	1.69	1.50	4.19	2.94	0.69	0.13	0.06		
3/4	4-3/4	2.72	1.25	0.89	2.81	0.75	2.00	1.81	4.97	3.50	0.81	0.25	0.06		
7/8	6-1/2	3.95	1.44	1.02	3.31	0.88	2.28	2.09	5.83	4.03	0.97	0.25	0.06		
1	8-1/2	5.66	1.69	1.15	3.75	1.00	2.69	2.38	6.56	4.69	1.06	0.25	0.06		
1-1/8	9-1/2	8.27	1.81	1.25	4.25	1.13	2.91	2.69	7.47	5.16	1.25	0.25	0.06		
1-1/4	12	11.71	2.03	1.40	4.69	1.29	3.25	3.00	8.25	5.75	1.38	0.25	0.06		
1-3/8	13-1/2	15.83	2.25	1.53	5.25	1.42	3.63	3.31	9.16	6.38	1.50	0.25	0.13		
1-1/2	17	20.80	2.38	1.66	5.75	1.53	3.88	3.63	10.00	6.88	1.62	0.25	0.13		
1-3/4	26	33.91	2.88	2.04	7.00	1.84	5.00	4.19	12.34	8.80	2.25	0.25	0.13		
2	35	52.25	3.25	2.30	7.75	2.08	5.75	4.81	13.68	10.15	2.40	0.25	0.13		
2-1/2	55	98.25	4.13	2.80	10.50	2.71	7.25	5.69	17.90	12.75	3.13	0.25	0.25		
3	85	154.00	5.00	3.30	13.00	3.12	7.88	6.50	21.50	14.62	3.62	0.25	0.25		
3-1/2	120	265.00	5.25	3.76	14.63	3.62	9.00	8.00	24.88	17.02	4.38	0.25	0.25		
4	150	338.00	5.50	4.26	14.50	4.00	10.00	9.00	25.68	18.00	4.56	0.25	0.25		



D SHACKLE

US TYPE SCREW PIN ANCHOR D SHACKLE G210 S210
(Hot ash zinc plating craft —More beautiful, more corrosion resistance; 6:1 SAFETY FACTOR)

Nominal Size (in.)	Working Load Limit(t)	Weight Each (lbs.)	Dimensions(in.)											Tolerance +/-	
			A	B	C	D	E	F	G	K	L	M	G	A	
1/4	1/2	0.11	0.47	0.31	0.25	0.25	0.97	0.62	0.97	1.59	0.19	1.43	0.06	0.06	
5/16	3/4	0.17	0.53	0.38	0.31	0.31	1.15	0.75	1.07	1.91	0.22	1.71	0.06	0.06	
3/8	1	0.28	0.66	0.44	0.38	0.38	1.42	0.92	1.28	2.31	0.25	2.02	0.13	0.06	
7/16	1-1/2	0.43	0.75	0.50	0.44	0.44	1.63	1.06	1.48	2.67	0.31	2.37	0.13	0.06	
1/2	2	0.59	0.81	0.63	0.50	0.50	1.81	1.18	1.66	3.03	0.38	2.69	0.13	0.06	
5/8	3-1/4	1.25	1.06	0.75	0.63	0.63	2.32	1.50	2.04	3.76	0.44	3.34	0.13	0.06	
3/4	4-3/4	2.63	1.25	0.88	0.81	0.75	2.75	1.81	2.40	4.53	0.50	3.97	0.25	0.06	
7/8	6-1/2	3.16	1.44	1.00	0.97	0.88	3.20	2.10	2.86	5.33	0.50	4.50	0.25	0.06	
1	8-1/2	4.75	1.69	1.13	1.00	1.00	3.69	2.38	3.24	5.94	0.56	5.13	0.25	0.06	
1-1/8	9-1/2	6.75	1.81	1.25	1.25	1.13	4.07	2.69	3.61	6.78	0.63	5.71	0.25	0.06	
1-1/4	12	9.06	2.03	1.38	1.38	1.25	4.53	3.00	3.97	7.50	0.69	6.25	0.25	0.13	
1-3/8	13-1/2	11.63	2.25	1.50	1.50	1.38	5.01	3.31	4.43	8.28	0.75	6.83	0.25	0.13	
1-1/2	17	15.95	2.38	1.63	1.62	1.50	5.38	3.62	4.84	9.05	0.81	7.33	0.25	0.13	
1-3/4	25	26.75	2.88	2.00	2.12	1.75	6.38	4.19	5.78	10.97	1.00	9.06	0.25	0.13	
2	35	42.31	3.25	2.25	2.36	2.10	7.25	5.00	6.77	12.74	1.13	10.35	0.25	0.13	
2-1/2	55	71.75	4.12	2.75	2.63	2.63	9.38	5.68	8.07	14.85	1.38	13.00	0.25	0.25	



US BOLT TYPE ANCHOR D SHACKLE G2150 S2150
(Hot ash zinc plating craft —More beautiful, more corrosion resistance; 6:1 SAFETY FACTOR)

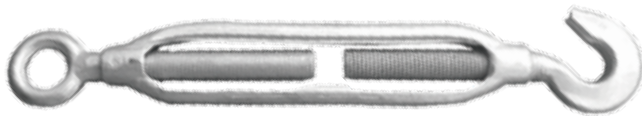
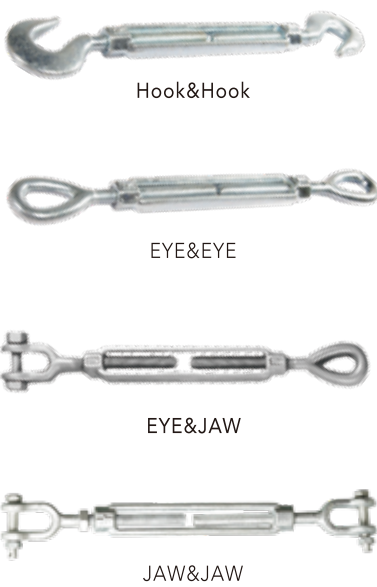
Nominal Size (in.)	Working Load Limit (t)	Weight Each (lbs.)	Dimensions(in.)										Tolerance +/-	
			A	B	D	F	G	K	M	P	R	G	A	
1/4	1/2	0.13	0.47	0.31	0.25	0.62	0.91	1.59	0.97	1.56	0.25	0.06	0.06	
5/16	3/4	0.23	0.53	0.38	0.31	0.75	1.07	1.91	1.15	1.82	0.31	0.06	0.06	
3/8	1	0.33	0.66	0.44	0.38	0.92	1.28	2.31	1.42	2.17	0.38	0.13	0.06	
7/16	1-1/2	0.49	0.75	0.50	0.44	1.06	1.48	2.67	1.63	2.51	0.44	0.13	0.06	
1/2	2	0.75	0.81	0.64	0.50	1.18	1.66	3.03	1.81	2.80	0.50	0.13	0.06	
5/8	3-1/4	1.47	1.06	0.77	0.63	1.50	2.04	3.76	2.32	3.56	0.63	0.13	0.06	
3/4	4-3/4	2.52	1.25	0.89	0.75	1.81	2.40	4.53	2.75	4.15	0.81	0.25	0.06	
7/8	6-1/2	3.85	1.44	1.02	0.88	2.10	2.86	5.33	3.20	4.82	0.97	0.25	0.06	
1	8-1/2	5.55	1.69	1.15	1.00	2.38	3.24	5.94	3.69	5.39	1.00	0.25	0.06	
1-1/8	9-1/2	7.60	1.81	1.25	1.13	2.68	3.61	6.78	4.07	5.90	1.25	0.25	0.06	
1-1/4	12	10.81	2.03	1.40	1.25	3.00	3.97	7.50	4.53	6.69	1.38	0.25	0.06	
1-3/8	13-1/2	13.75	2.25	1.53	1.38	3.31	4.43	8.28	5.01	7.21	1.50	0.25	0.13	
1-1/2	17	18.50	2.38	1.66	1.50	3.62	4.87	9.05	5.38	7.73	1.62	0.25	0.13	
1-3/4	25	31.40	2.88	2.04	1.75	4.19	5.82	10.97	6.38	9.33	2.12	0.25	0.13	
2	35	46.75	3.25	2.30	2.10	5.00	6.82	12.74	7.25	10.41	2.36	0.25	0.13	
2-1/2	55	85.00	4.12	2.80	2.63	5.68	8.07	14.85	9.38	13.58	2.63	0.25	0.25	
3	85	124.25	5.00	3.25	3.00	6.50	8.56	16.87	11.00	15.13	3.50	0.25	0.25	



TURNBUCKLE

Turnbuckles to U.S.Federal Specification(FF-T-791b)—Hot dip galvanizing craft

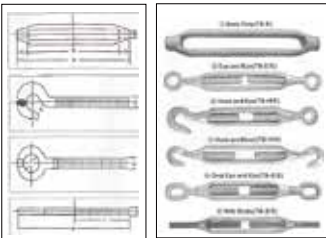
Size (Diameter x Take-Up)	Average Overall Length with Ends in Closed Position	Approx. Weight Each(lbs)				Working Load Limit(lbs)		
		Eyes and / or Hooks	Jaw & Eye	Jaw & Jaw	Stub End	Bodies Only	Hood & Hook Hood & Eye	Eye & Eye; Jaw & Eye Jaw & Jaw; Stub End
1/4"x4"	8-1/4"	0.30	0.30	0.40	0.29	0.17	0.40	0.60
5/16"x4-1/2"	9-9/16"	0.50	0.35	0.58	0.46	0.25	0.70	0.80
3/8"x6"	11-7/8"	0.75	0.62	0.93	0.75	0.30	1.00	1.20
1/2"x6"	13-5/16"	1.50	1.62	1.69	1.36	0.55	1.50	2.20
1/2"x8"	16-5/16"	1.75	1.82	1.85	1.69	0.74	1.50	2.20
1/2"x12"	19-5/16"	2.18	2.16	2.20	2.0	0.93	1.50	2.20
5/8"x6"	15-1/2"	2.63	2.56	2.82	2.15	0.91	2.25	3.50
5/8"x8"	18-1/2"	3.00	3.01	3.25	2.70	1.20	2.25	3.50
5/8"x12"	21-1/2"	3.25	3.50	3.75	3.22	1.50	2.25	3.50
3/4"x6"	17	3.75	4.25	4.68	3.25	1.30	3.00	5.20
3/4"x8"	20	4.50	5.00	5.38	4.00	1.70	3.00	5.20
3/4"x12"	23	5.75	5.75	6.12	4.65	2.12	3.00	5.20
3/4"x18"	29	7.00	7.25	7.25	6.12	2.93	3.00	5.20
7/8"x6"	18	-	-	-	4.75	2.00	-	7.20
7/8"x12"	24-5/8"	8.38	8.88	9.36	6.62	3.00	4.00	7.20
7/8"x18"	30-5/8"	10.25	10.60	11.44	8.75	4.12	-	7.20
1"x6"	20-5/8"	-	-	-	6.41	2.50	-	10.00
1"x12"	26-5/8"	11.25	12.00	12.88	8.90	3.86	-	10.00
1"x18"	32-5/8"	14.00	14.75	16.10	11.70	5.50	-	10.00
1"x24"	38-5/8"	17.00	17.75	18.60	14.30	7.00	-	10.00
1-1/4"x6"	20	-	-	-	10.40	4.00	-	15.20
1-1/4"x12"	29-7/8"	19.00	21.20	23.60	14.20	5.93	-	15.20
1-1/4"x18"	35-7/8"	24.10	26.00	26.60	18.00	8.00	-	15.20
1-1/4"x24"	41-7/8"	25.10	28.70	31.20	21.80	10.00	-	15.20
1-1/2"x6"	22-7/8"	-	-	-	15.40	5.80	-	21.40
1-1/2"x12"	32-3/8"	27.00	31.10	35.50	20.50	8.40	-	21.40
1-1/2"x18"	38-3/8"	31.20	36.40	40.70	26.20	11.50	-	21.40
1-1/2"x24"	44-3/8"	38.20	44.20	47.60	31.40	14.10	-	21.40
1-3/4"x6"	-	-	-	-	22.70	8.75	-	28.00
1-3/4"x18"	41-3/4"	45.00	48.80	52.40	-	-	-	28.00
1-3/4"x24"	47-3/4"	58.00	60.00	64.00	43.90	19.50	-	28.00
2"x6"	-	-	-	-	31.50	12.50	-	37.00
2"x24"	51-3/4"	90.00	102.00	115.00	60.30	27.50	-	37.00
2-1/2"x6"	-	-	-	-	60.80	27.00	-	60.00
2-1/2"x24"	51-1/2"	183.00	180.00	200.00	110.00	54.00	-	60.00
2-3/4"x24"	61-1/2"	180.00	214.00	248.00	-	54.00	-	75.00



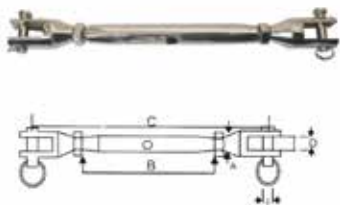
TURNBUCKLES Frame Japan Type(Forged Steel) —— JIS (Electrogalvanizing craft)

①②Sides and Weights(Approx)

Nominal Size(D)	①Body Only						②Eye and Eye			③Hook and Eye		④Hook and Hook			⑤With Stubs			
	A	B	C	T.L	W/Pcs		F	T.L	W/Pcs	T.L	W/Pcs	E	T.L	W/Pcs	H	I(A)	G	W/Pcs
mm	in	mm	in	mm	Ton	Kg	mm	Ton	Kg	mm	Ton	mm	Ton	Kg	mm	mm	mm	Kg
6	1/4	100	4	78	11	1	0.08	10	0.1	0.116	0.04	0.114	9	0.04	0.112	80	50	0.112
8	5/16	125	5	100	12.5	1.2	0.15	12	0.2	0.22	0.08	0.218	9	0.08	0.215	100	63	0.22
9	3/8	150	6	120	12.5	1.5	0.17	16	0.5	0.295	0.15	0.293	11	0.15	0.29	130	75	0.273
12	1/2	200	8	164	18	2	0.29	20	2	0.6	0.35	0.585	16	0.35	0.57	150	100	0.51
16	5/8	250	10	202	21.5	3	0.52	22	3	1.07	0.7	1.05	19	0.7	1.03	180	125	0.95
19	3/4	300	12	250	25	4	0.85	28	4	1.79	1.0	1.78	20	1.0	1.77	220	150	1.62
22	7/8	325	13	269	28	5	1.17	33	5	2.55	1.5	2.58	21	1.5	2.6	250	165	2.34
25	1	350	14	285	32.5	6	1.69	35	6	3.8	2.0	3.77	26	2.0	3.73	270	175	3.27
32	1-1/4	400	16	310	45	8	3.51	36x70	10	7.6	3.0	7.52	34	3.0	7.44	300	200	6.52



STAINLESS STEEL,SHACKLE,TURNBUCKLE,CLIP AISI 316 & AISI 304 RIGGING SCREWS



Code No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	WLL (T)	WT (Kg)
HL0251-0004	4	65	120	4	4	0.15	0.07
HL0251-0005	5	70	130	5	5	0.25	0.08
HL0251-0006	6	80	145	6	5	0.35	0.08
HL0251-0008	8	90	175	8	6	0.70	0.15
HL0251-0010	10	100	200	10	8	1.00	0.23
HL0251-0012	12	140	280	12	8	1.50	0.45
HL0251-0014	14	150	290	14	10	1.60	0.50
HL0251-0016	16	170	340	16	12	2.30	1.08
HL0251-0020	20	230	470	20	14	3.00	2.35

WIRE ROPE CLIP DIN741 TYPE



Code No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	WT (Kg)
HL0301-0003	3	4	12	10	21	0.014
HL0301-0005	5	5	13	11	23	0.015
HL0301-0006	6	5	15	12	26	0.021
HL0301-0008	8	6	19	14	30	0.041
HL0301-0010	10	8	22	18	34	0.068
HL0301-0011	11	8	22	19	36	0.072
HL0301-0013	13	10	30	23	42	0.130
HL0301-0014	14	10	30	23	44	0.135
HL0301-0016	16	12	33	26	50	0.210
HL0301-0019	19	12	38	29	54	0.280
HL0301-0022	22	14	44	33	61	0.400
HL0301-0025	25	14	45	35	65	0.440

WIRE ROPE CLIP JIS TYPE

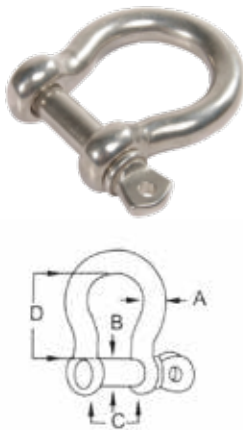


Code No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	WT (Kg)
HL0303-0002	2	3	10	14	14	0.008
HL0303-0003	3	4	12	16	17	0.017
HL0303-0004	4	4	13	18	19	0.020
HL0303-0005	5	6	15	20	24	0.035
HL0303-0006	6	6	15	22	28	0.047
HL0303-0008	8	8	20	28	34	0.085
HL0303-0010	10	10	28	35	45	0.164
HL0303-0012	12	12	35	39	51	0.250
HL0303-0014	14	12	40	45	53	0.290
HL0303-0016	16	14	45	48	60	0.400
HL0303-0018	18	14	50	53	62	0.450



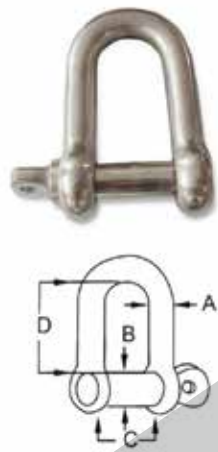
BOW SHACKLE

Code No.	A (mm)	B (mm)	C (mm)	D (mm)	WLL (T)	WT (Kg)
HL0107-0004	4	4	8	14	0.09	0.013
HL0107-0005	5	5	10	18	0.10	0.015
HL0107-0006	6	6	13	21	0.15	0.027
HL0107-0008	8	8	16	28	0.25	0.061
HL0107-0010	10	10	19	35	0.50	0.107
HL0107-0012	12	12	25	42	0.60	0.21
HL0107-0016	16	16	32	56	1.10	0.46
HL0107-0020	20	20	38	70	1.60	0.90
HL0107-0022	22	22	44	77	2.50	1.26
HL0107-0025	25	25	51	88	3.00	1.78
HL0107-0028	28	28	57	98	3.50	2.65
HL0107-0032	32	32	65	112	4.50	3.90



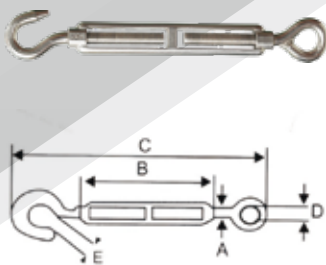
D SHACKLE

Code No.	A (mm)	B (mm)	C (mm)	D (mm)	WLL (T)	WT (Kg)
HL0108-0004	4	4	8	14	0.09	0.008
HL0108-0005	5	5	10	18	0.10	0.01
HL0108-0006	6	6	12	21	0.15	0.023
HL0108-0008	8	8	16	28	0.25	0.052
HL0108-0010	10	10	20	35	0.50	0.095
HL0108-0012	12	12	25	42	0.60	0.19
HL0108-0016	16	16	32	56	1.10	0.44
HL0108-0020	20	20	40	70	1.60	0.80
HL0108-0022	22	22	44	77	2.50	1.20
HL0108-0025	25	25	50	88	3.00	1.72
HL0108-0028	28	28	56	98	3.50	2.50
HL0108-0032	32	32	64	112	4.50	3.70



TURNBUCKLE FRAME TYPE

Code No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	WLL (T)	WT (Kg)
HL0233-0005	5	70	130	8	9	0.10	0.08
HL0233-0006	6	100	160	10	9	0.25	0.11
HL0233-0008	8	125	200	12	10	0.35	0.21
HL0233-0010	10	150	245	16	11	0.50	0.34
HL0233-0012	12	200	300	20	14	1.00	0.65
HL0233-0016	16	250	400	22	18	1.50	1.30
HL0233-0020	20	300	480	28	20	2.30	2.50
HL0233-0022	22	325	520	33	22	3.20	3.93
HL0233-0025	25	350	560	35	26	4.50	5.89



CLIP

Forged Wire Rope Clip U.S G-450 Clip

Rope Size (in.)	Weight Per 100(lbs)	Dimensions(in)							
		A	B	C	D	E	F	G	H
*1/8	6	0.22	0.72	0.44	0.47	0.37	0.38	0.81	0.99
*3/16	10	0.25	0.97	0.56	0.59	0.50	0.44	0.94	1.18
1/4	19	0.31	1.03	0.50	0.75	0.66	0.56	1.19	1.43
5/16	28	0.38	1.38	0.75	0.88	0.73	0.69	1.31	1.66
3/8	48	0.44	1.50	0.75	1.00	0.91	0.75	1.63	1.94
7/16	78	0.50	1.88	1.00	1.19	1.13	0.88	1.91	2.28
1/2	80	0.50	1.88	1.00	1.19	1.13	0.88	1.91	2.28
9/16	109	0.56	2.25	1.25	1.31	1.34	0.94	2.06	2.50
5/8	110	0.56	2.25	1.25	1.31	1.34	0.94	2.06	2.50
3/4	142	0.62	2.75	1.44	1.50	1.39	1.06	2.25	2.84
7/8	212	0.75	3.12	1.62	1.75	1.58	1.25	2.44	3.16
1	252	0.75	3.50	1.81	1.88	1.77	1.25	2.63	3.47
1-1/8	283	0.75	3.88	2.00	2.00	1.91	1.25	2.81	3.59
1-1/4	438	0.88	4.44	2.22	2.31	2.17	1.44	3.13	4.13
1-3/8	442	0.88	4.44	2.22	2.38	2.31	1.44	3.13	4.19
1-1/2	544	0.88	4.94	2.38	2.59	2.44	1.44	3.41	4.44
1-5/8	704	1.00	5.31	2.62	2.75	2.66	1.63	3.63	4.75
1-3/4	934	1.13	5.75	2.75	3.06	2.92	1.81	3.81	5.24
2	1300	1.25	6.44	3.00	3.38	3.28	2.00	4.44	5.88
2-1/4	1600	1.25	7.13	3.19	3.88	3.19	2.00	4.56	6.38
2-1/2	1900	1.25	7.69	3.44	4.13	3.69	2.00	4.05	6.63
**2-3/4	2300	1.25	8.31	3.56	4.38	4.88	2.00	5.00	6.88
3	3100	1.50	9.19	3.88	4.75	4.44	2.38	5.31	7.61
**3-1/2	4000	1.50	10.75	4.50	5.50	6.00	2.38	6.19	8.38



Model :G-450

ART. NO	SLEEVE CODE	A (mm)	B (mm)	W (mm)	L (mm)	N. W (Kg) (PER 1000PCS)
DIN 0101	1	1.2	2.4	0.65	5	0.094
DIN 0102	1.5	1.7	3.4	0.75	6	0.211
DIN 0103	2	2.2	4.4	0.85	7	0.375
DIN 0104	2.5	2.7	5.4	1.05	9	0.499
DIN 0105	3	3.3	6.6	1.25	11	0.843
DIN 0106	3.5	3.8	7.6	1.5	13	1.32
DIN 0107	4	4.4	8.8	1.7	14	1.81
DIN 0108	4.5	4.9	9.8	1.9	16	2.61
DIN 0109	5	5.5	11.0	2.1	18	3.57
DIN 0110	6	6.6	13.2	2.5	21	5.86
DIN 0111	6.5	7.2	14.4	2.7	23	7.55
DIN 0112	7	7.8	15.6	2.9	25	9.5
DIN 0113	8	8.8	17.6	3.3	28	13.7
DIN 0114	9	9.9	19.8	3.7	32	19.8
DIN 0115	10	10.9	21.8	4.1	35	26.4
DIN 0116	11	12.1	24.2	4.5	39	35.8
DIN 0117	12	13.2	26.4	4.9	42	45.8
DIN 0118	13	14.2	28.4	5.4	46	59.7
DIN 0119	14	15.3	30.6	5.8	49	73.5
DIN 0120	16	17.5	35.0	6.7	56	111
DIN 0121	18	19.6	39.2	7.6	63	156
DIN 0122	20	21.7	43.4	8.4	70	217
DIN 0123	22	24.3	48.6	9.2	77	292
DIN 0124	24	26.4	52.8	10.0	84	376
DIN 0125	26	28.5	57.0	10.9	91	481
DIN 0126	28	31.0	62.0	11.7	98	603
DIN 0127	30	33.1	66.2	12.5	105	739
DIN 0128	32	35.2	70.4	13.4	112	897
DIN 0129	34	37.8	75.6	14.2	119	1077
DIN 0130	36	39.8	79.6	15.0	126	1275
DIN 0131	38	41.9	83.8	15.8	133	1503
DIN 0132	40	44.0	88.0	16.6	140	1734
DIN 0133	42	46.2	92.4	17.5	147	2024
DIN 0134	44	48.4	96.8	18.3	154	2314
DIN 0135	46	50.6	101.2	19.2	161	2662
DIN 0136	48	52.8	105.6	20.0	168	3010
DIN 0137	50	55.0	110.0	20.8	175	3412
DIN 0138	52	57.2	114.4	21.6	182	3813
DIN 0139	54	59.4	118.8	22.5	189	4293
DIN 0140	56	61.6	123.2	23.3	196	4772
DIN 0141	58	63.8	127.6	24.2	203	5326
DIN 0142	60	66.0	132.0	25.0	210	5880

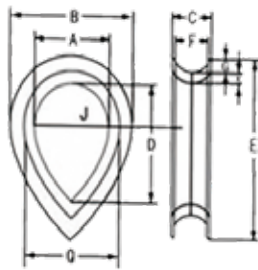
Aluminninun Ferrules



Model :DIN3093



THIMBLES FOR STEEL WIRE ROPE



Model :BS464

Product Code	Rope Dia (in)	A	B	Dimensions(in)		C	D	E	F	G	K	Q	Weight Each (Kg/pc)
BS464 0601	5/16"	22.2	38	12.7	33.4	52	7.9	4	4	30.1	0.077		
BS464 0602	3/8"	25.4	47.6	14.3	38	64	10.3	6.3	4.8	35	0.1		
BS464 0603	7/16"	28.6	52	17.5	41.3	73	12.7	7.9	4.8	38	0.107		
BS464 0604	1/2"	31.7	53.8	20.6	44.5	79.4	14.3	7.9	5.5	42.9	0.17		
BS464 0605	9/16"	31.7	58.8	20.6	44.5	79.4	14.3	7.9	5.5	42.9	0.189		
BS464 0606	5/8"	41.3	74.5	22.2	58.8	95.8	15.9	8.7	7.9	56	0.3		
BS464 0607	3/4"	50.8	92	28.6	73	124	20.6	11.1	9.5	69.8	0.6		
BS464 0608	7/8"	56	102	31.7	82.5	133	22.2	12.7	9.5	76.2	0.69		
BS464 0609	1	69.8	119	35	108	162	27	14.3	10.3	90.5	1.15		
BS464 0610	1.18	76.2	133	38	112	178	28.6	15.9	12.7	102	1.4		
BS464 0611	1.14	95	152	41.3	133	197	33.4	15.9	12.7	121	1.5		
BS464 0612	8.13	105	175	47.6	152	228	38	19	15.9	137	2.5		
BS464 0614	11.2	114	197	52	165	254	41.3	23.8	17.5	149	3.75		
BS464 0615	8.15	114	197	58.6	165	254	42.9	23.8	17.5	149	3.91		
BS464 0616	4.13	127	228	56	178	286	50.8	25.4	25.4	178	6.67		
BS464 0617	8.17	133	248	66.6	190	317	60.4	28.6	28.6	190	8.42		
BS464 0618	2	140	257	69.8	203	330	64	28.6	28.6	197	9.98		

Wedge Socket

SIZE (mm)	WEGHT (KN)	B.L.L (KN)	B (mm)	D (H10) (mm)	A (mm)	R (mm)	PIN	Weight (Kg)
6	10	43	29	16	90	16	2×20	0.56
8	10	51	31	18	100	25	2×20	0.77
10	15	71	38	20	120	25	2×25	1.01
12	20	100	44	25	155	30	2×25	1.77
14	25	118.5	51	30	185	35	2×25	3.02
16	30	161.3	60	34	195	42	3×30	4.6
18	35	184	64	36	195	44	3×30	5.35
20	50	249.6	72	38	220	50	3×30	7.9
22	55	285.3	76	40	240	52	4×50	10.8
24	65	327	83	50	260	60	4×50	18.9
26	75	373.6	92	55	280	65	4×50	17.2
28	95	487.6	97	55	305	70	4×50	19.5
32	120	600	110	65	360	77	5×60	32.9
36	155	780	122	70	390	85	5×60	43
40	200	984	145	75	470	90	5×60	55

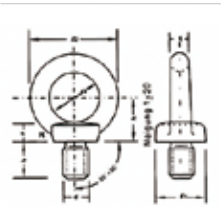


Model :RW

EYE SCREW

Eye Screw Din580 Finish:Bright or Galvnized

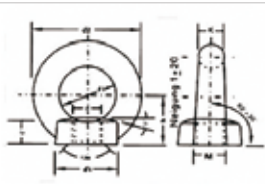
Side d	WLL(T)	WLL(T)	Dimensions(mm)							Weight % (Kg)
			d1	d2	d3	b	e	h	k	
M6*	0.07	0.05	17	28	16	13	6	17	6	5
M8*	0.14	0.095	20	36	20	15	6	18	8	6
M10*	0.23	0.17	25	45	25	18	8	22	10	11
M12	0.34	0.24	30	54	30	22	10	26	12	18
M14*	0.49	0.34	35	63	35	28	12	30	14	28.5
M16*	0.7	0.50	35	63	35	28	12	30	14	28
M20	1.2	0.83	40	72	40	30	12	35	16	45
M22*	1.5	1.05	45	81	45	35	14	40	18	67
M24	1.8	1.27	50	90	50	38	16	45	20	87
M27*	2.5	1.65	50	90	50	38	18	45	20	88
M30	3.6	2.60	65	108	60	45	18	55	24	166
M33*	4.3	3.20	65	108	60	45	22	55	24	172
M36	5.1	3.70	75	126	70	55	22	65	28	265
M39*	6.1	4.30	75	126	70	55	26	65	28	280
M42	7.0	5.00	85	144	80	65	30	75	32	403
M45*	8.0	5.50	85	144	80	65	30	75	32	425
M48	8.6	6.10	100	166	90	70	35	85	38	638
M52*	9.9	7.30	100	166	90	70	35	85	38	660
M56	11.5	8.30	110	184	100	80	38	95	42	880
M64	16.0	11.0	120	206	110	90	42	100	48	1240



Model :DIN580

Ring-Nut Din582 Finish:Bright or Galvnized

Side d	WLL(T)	WLL(T)	Dimensions(mm)						Weight % (Kg)
			d1	d2	d3	e	h	k	
M6*	-	-	20	36	20	8.5	18	8	4.9
M8*	0.14	0.095	20	36	20	8.5	18	8	5
M10*	0.23	0.17	25	45	25	10	22	10	9
M12	0.34	0.24	30	54	30	11	26	12	16
M16	0.7	0.5	35	63	35	13	30	14	24
M20	1.2	0.83	40	72	40	16	35	16	36
M22*	1.5	1.05	45	81	45	18	40	18	58
M24	1.8	1.27	50	90	50	20	45	20	72
M27*	2.5	1.65	50	90	50	20	45	20	70
M30	3.6	2.6	65	108	60	25	55	24	132
M33*	4.3	3.2	65	108	60	25	55	24	130
M36	5.1	3.7	75	126	70	30	65	28	208
M39*	6.1	4.3	75	126	70	30	65	28	202
M42	7	5	85	144	80	35	75	32	311
M45*	8	5.5	85	144	80	35	75	32	304
M48	8.6	6.1	100	166	90	40	85	38	502
M52*	9.9	7.3	100	166	90	40	85	38	495
M56	11.5	8.3	110	184	100	45	95	42	669
M64	16	11	120	206	110	50	105	48	930



Model :DIN582