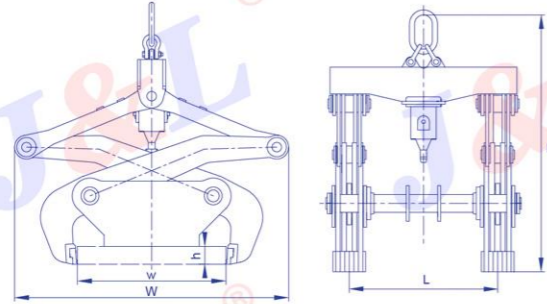




SLAB CLAMP

- Material for the clamp reasonable selected per user requirement to satisfy the self weight of the clamp.
- Lever type working principle makes it with simple structure, flexible movement, safe and reliable during the lifting. Locked by the self weight of the load, open and shut the jaw automatically by the shutter.
- The lifting eye is assembled, which is very convenient and prevent it from falling apart.
- The clamp is used for single-hook crane, and custom design is available.

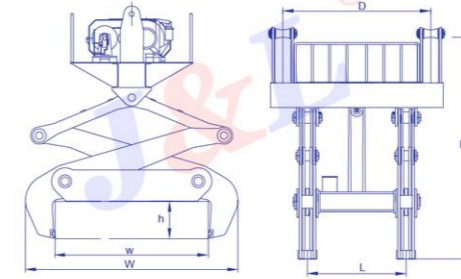


WLL (t)	Application scope (W) (mm)	Height of leg (H) (mm)	Span (L) (mm)	Max. dimension (mm)	
				W	H
5	450-600	150	800	1200	1800
5	650-1000	250	800	1500	2300
8	150-450	250	1200	2000	2400
8	450-600	300	1200	1600	2500
8	450-750	300	1200	1600	2200
10	450-900	300	1500	1900	2600
10	650-1000	300	1500	2000	2600
10	700-1100	300	1500	1900	2600
12	450-750	300	2000	1800	2400
12	235-800	300	2000	2300	3000
16	600-1100	450	2500	2400	3100
16	850-1250	300	2500	2000	3000
20	800-1300	300	3000	2200	3400
20	950-1400	300	3000	2500	3500
20	1100-1600	300	3000	2400	3700
25	1000-1600	600	3000	3000	3900
25	1250-1750	450	3000	2800	3900
32	700-1350	450	3000	2900	4000
32	750-1400	450	3000	2800	4200
32	650-1500	450	3000	3400	4600
32	900-2150	600	3000	4400	6000
32	1000-2300	600	3000	4700	6300
40	850-1600	450	4000	3500	4900
40	1250-1750	450	3500	3000	3000
40	1600-2150	450	3500	3300	4300
50	1250-2150	450	4000	4000	5600
50	1850-2500	450	4000	3800	5000
63	2050-2750	600	4000	4300	5800



ELECTRIC SLAB CLAMP

- Material for the clamp reasonable selected per user requirement to satisfy the self weight of the clamp.
- Lever type working principle makes it with simple structure, flexible movement, safe and reliable during the lifting.
- Locked by the self weight of the load, open and shut the jaw by the winding control system.
- Custom design is available.
- Suitable for lifting multilayer slab, which could be used in impending operation.

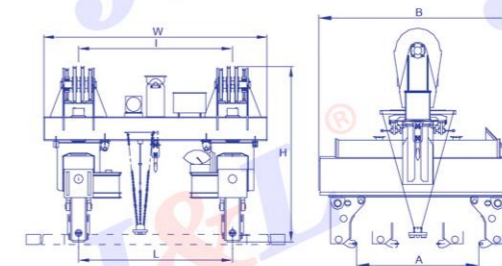


WLL (t)	Application scope (W) (mm)	Height of leg (H) (mm)	Max. dimension (mm)		Distance between the lifting point (mm)	Height of leg (H) (mm)
			W	H		
32	1800-2400	1600	3600	5500	2400	700
32	1350-2300	1730	3500	4500	2400	450
50	1500-2400	1600	4000	5600	2700	750



ELECTRIC TRANSLATIONAL SLAB CLAMP

- Material for the clamp reasonable selected per user requirement to satisfy the self weight of the clamp.
- Motor drive working principle makes it with simple structure, flexible movement, large swing scope, safe and reliable, suitable for multilayer plate lifting, achieve automation lifting with crane.
- It is convenient to be assembled with crane hook and prevent it from falling apart.
- Custom design is available.

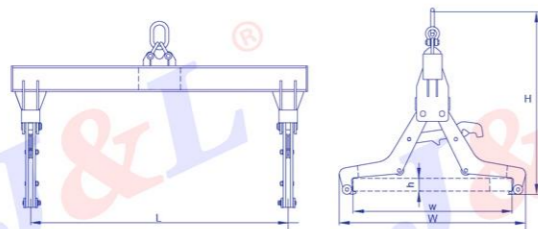


WLL (t)	Parameter of slab (mm)	Opening degree (A) (mm)	Max. Dimension (mm)			Span (L) (mm)	Distance between the lifting point (l) (mm)	Height of leg (H)
			W	B	H			
40	Thickness of the slab 160-320 Lengths-12M	750~2400	5500	4000	4500	3800	3800	Max. Temperature:800°C
60	Thickness of the slab 160-320 Lengths-15.7M	900~3450	6000	5050	4800	4500	4500	Max. Temperature:800°C
90	Thickness of the slab 160-320 Lengths-12M	900~2300	6000	4000	4800	4500	4500	Max. Temperature:800°C



MEDIUM PLATE CLAMP

- Lever type working principle makes it with simple structure, flexible movement, safe and reliable during the lifting. Locked by the self weight of the load, open and shut the jaw automatically by the shutter.
- Suitable for lifting 6-10mm thickness multilayer plates.
- There must have proper skid below the plates, and the plates should be stacked in rule.

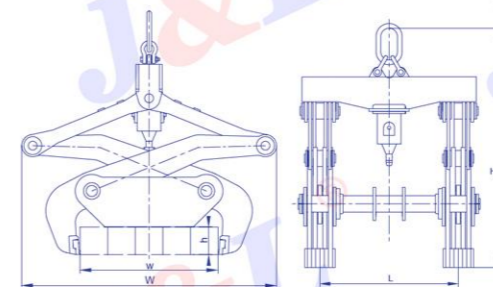


WLL (t)	Application Scope (W) (mm)	Max. thickness of the plate (H) (mm)	Span (L) (mm)	Max. Dimension (mm)	
				W	H
10	1800-2400	100	2500	3300	2800
10	2300-2900	100	2500	3900	2600
16	750-1430	100	2500	2000	2200
25	1800-2600	200	4000	3750	3300
25	1700-2800	200	6000	3900	3300
25	2000-3200	100	3000	4500	4800
32	1600-3250	300	5000	4200	3900
32	800-1630	250	3000	2900	3500



SQUARE BILLET CLAMP

- Material for the clamp reasonable selected per user requirement to satisfy the self weight of the clamp.
- Lever type working principle makes it with simple structure, flexible movement, safe and reliable during the lifting. Locked by the self weight of the load, open and shut the jaw automatically by the shutter.
- The lifting eye is assembled, which is very convenient and prevent it from falling apart.
- The clamp is used for single-hook crane, and custom design is available.
- The height (thickness) of the square billet is required when placing the order.

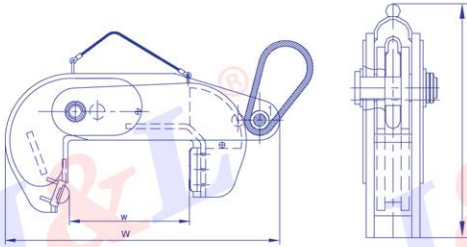


WLL (t)	Application Scope (W) (mm)	Max. thickness of the plate (H) (mm)	Span (L) (mm)	Max. Dimension (mm)	
				W	H
3	100-300	60	800	1200	1600
5	100-300	70	800	1200	1800
5	170-350	80	800	1300	1800
5	450-600	100	800	1200	1800
5	650-1000	140	800	1500	2300
8	150-450	90	1200	2000	2400
8	450-600	110	1200	1600	2500
8	450-750	130	1200	1600	2200
10	450-900	140	1500	1900	2600
10	650-1000	150	1500	2000	2600
10	700-1100	160	1500	1900	2600
12	450-750	120	2000	1800	2400
12	235-800	150	2000	2300	3000
16	450-750	120	2500	2000	2700
16	450-900	140	2500	2100	3000
16	650-1000	150	2500	2000	2700
16	600-1100	190	2500	2400	3100
16	850-1250	160	2500	2000	3000
20	700-1100	150	3000	2200	3200
20	800-1300	170	3000	2200	3400
20	950-1400	160	3000	2500	3500



VERTICAL STEEL COIL LIFTING CLAMP (ENDLESS WIRE ROPE SLING TYPE)

- Used for lifting vertical steel coil, open and shut the jaw by replace the lifting position.
- There is a little tilted during the lifting.

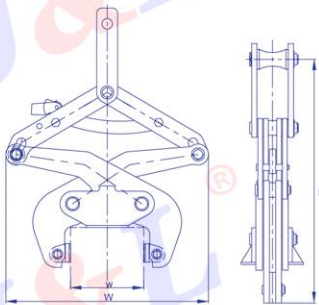


WLL (t)	Inner Dia. of the steel coil (mm)	Application Scope (W) (mm)	Max. Dimension (mm)	
			W	H
12.5	Φ500	200-400	1300	2600
16	Φ500	250-600	1500	2700
32	Φ550	550-750	1900	2600
32	Φ760	350-650	1900	2800



VERTICAL STEEL COIL LIFTING CLAMP (ROD GRAB TYPE)

- Used for lifting vertical steel coil. Lever type working principle makes it with simple structure, flexible movement, safe and reliable during the lifting.
- Locked by the self weight of the load, open and shut the jaw automatically by the shutter.
- There is a little tilted during the lifting.

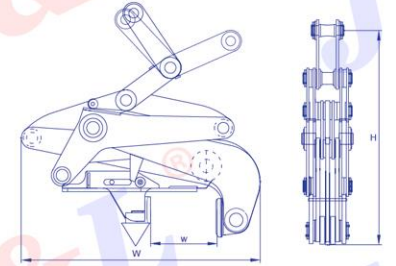


WLL (t)	Inner Dia. of the steel coil (mm)	Application Scope (W) (mm)	Max. Dimension (mm)	
			W	H
6	Φ450	400-500	2200	2400
20	Φ450	150-450	2200	3100
32	Φ450	350-700	2250	3050



VERTICAL STEEL COIL LIFTING CLAMP (SINGLE FIXTURE)

- Used for lifting vertical steel coil. Lever type working principle makes it with simple structure, flexible movement, safe and reliable during the lifting.
- Locked by the self weight of the load, open and shut the jaw automatically by the shutter.
- There is a little tilted during the lifting.

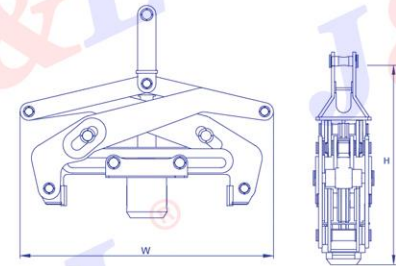


WLL (t)	Inner Dia. of the steel coil (mm)	Application Scope (W) (mm)	Max. Dimension (mm)	
			W	H
32	Φ760	240-800	3200	5700



VERTICAL STEEL COIL LIFTING CLAMP (DOUBLE FIXTURE)

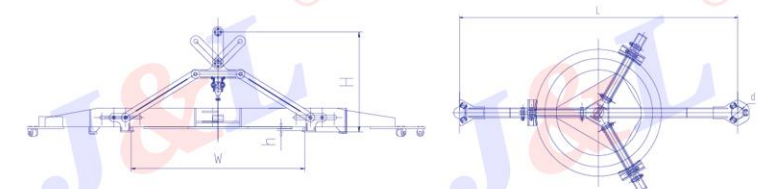
- Used for lifting vertical steel coil. Lever type working principle makes it with simple structure, flexible movement, safe and reliable during the lifting.
- Locked by the self weight of the load, open and shut the jaw automatically by the shutter.
- Used for lifting annealing steel coil.
- It is relative horizontal during the lifting.



WLL (t)	Inner Dia. of the steel coil (mm)	Application Scope (W) (mm)	Max. Dimension (mm)	
			W	H
15	Φ508	Φ960-1900	3800	5800
30	Φ610	Φ1250-2100	3800	5900



THREE JAW LIFTING TOOL



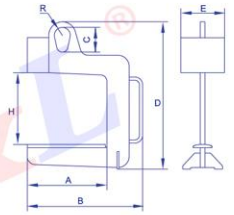
WLL (t)	Application Scope (W)	Spacing of guide post (L)	Dia. of guide post (d)	Height of the leg (h)	H Max. height (H)	Self weight (t)
4	1650~1720	4400	200	40	1350	1.15
	2050~2220	4900	200	30	1350	1.4
5	1900~2200	4500	219	65	1750	1.65



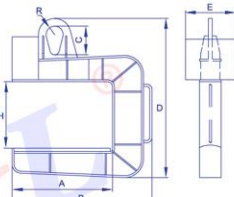
STEEL COIL LIFTING TOOL ("C" TYPE)

- Used for horizontal lifting the steel coil.
- Select type "A" with working load 3.2T, and type "B" for working load more than 3.2T.

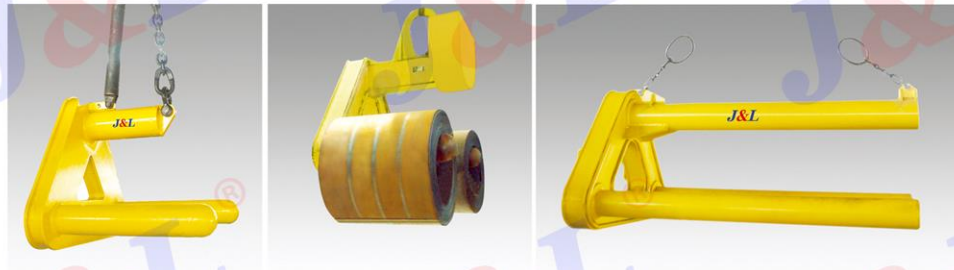
WLL (t)	Width of the steel coil (mm)	Inner Dia. of the steel coil (mm)	Max. Dimension (mm)						
			A	B	C	D	E	H	R
3.2	≤ 300	≥ 400	300	590	155	845	250	430	50
	350-500	≥ 400	500	725	155	924	250	450	50
	750-900	≥ 400	900	1225	200	1144	324	500	60
5	900-1100	≥ 500	1100	1450	200	1331	318	600	60
	1100-1300	≥ 500	1300	1670	200	1332	375	600	60
	750-900	≥ 500	900	1290	300	1555	435	650	90
10	900-1120	≥ 500	1120	1555	300	1767	477	850	90
	1100-1300	≥ 500	1300	1758	300	1722	478	750	90
	1300-1500	≥ 500	1500	1955	300	1854	467	850	90
16	900-1100	≥ 600	1100	1540	310	1850	594	850	90
	1100-1250	≥ 600	1250	1710	310	1871	533	850	90
25	900-1100	≥ 600	1100	1570	370	1982	633	860	110
	1100-1300	≥ 700	1300	1810	370	2058	716	860	110
32	1400-1660	≥ 700	1660	2240	550	2450	700	850	130



A 型



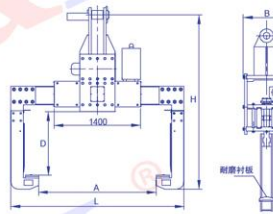
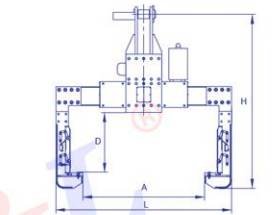
B 型



ELECTRIC LIFTING TOOL FOR HORIZONTAL STEEL COIL (GEAR RACK DRIVE)

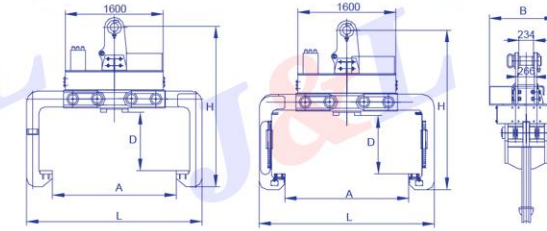
- Composed of the lifting eye, clamp legs, clamp leg drive system, electric and electric control systems, cable drum, etc.
- With features of compact structure, less weight, accurately clamp, high efficiency, good applicability, advanced technology, easy to maintenance.
- Widely used in carrying horizontal steel coil, stacking in dock warehouse, loading and unloading for transportation.
- Customer design is available.

WLL (t)	Steel coil Parameters (mm)	Opening degree (A) (mm)	Max. Dimension (mm)				Limit Device	Remark
			D	L	B	H		
10	Inner Dia.:φ508 Outer Dia.:φ2150	300~2000	1000	2900	720	2950	Limited by travel switch, Limited by optoelectronic switch	Max. temperature:600°C Max temperature:80°C
20		300~2000	1000	2900	720	2950		
30		300~2000	1000	2900	720	2950		
40		300~2000	1000	2900	720	2950		



ELECTRIC LIFTING TOOL FOR HORIZONTAL STEEL COIL (LEAD SCREW DRIVE)

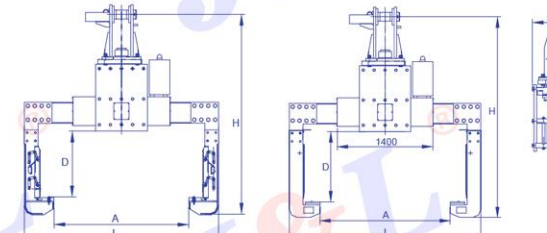
- Composed of the lifting eye, clamp legs, clamp leg drive system, electric and electric control systems, cable drum, etc.
- With features of compact structure, less weight, accurately clamp, high efficiency, good applicability, advanced technology, easy to maintenance.
- Widely used in carrying horizontal steel coil, stacking in dock warehouse, loading and unloading for transportation.
- Customer design is available.



WLL (t)	Steel coil Parameters (mm)	Opening degree (A) (mm)	Max. Dimension (mm)				Limit Device	Remark
			D	L	B	H		
10	Inner Dia.:φ508 Outer Dia.:φ2150	300~2000	1000	2900	1070	2750	Limited by travel switch, Limited by optoelectronic switch	Max. temperature:600°C Max temperature:80°C
20		300~2000	1000	2900	1070	2750		
30		300~2000	1000	2900	1070	2750		
40		300~2000	1000	2900	1070	2750		

ELECTRIC ROTATION LIFTING TOOL FOR HORIZONTAL STEEL COIL (GEAR RACK DRIVE)

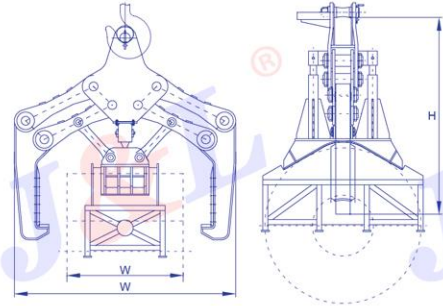
- Composed of the lifting eye, clamp legs, clamp leg drive system, electric and electric control systems, cable drum, etc.
- With features of compact structure, less weight, accurately clamp, high efficiency, good applicability, advanced technology, easy to maintenance, arbitrary rotation from 0° to 270°.
- Widely used in carrying horizontal steel coil, stacking in dock warehouse, loading and unloading for transportation.
- Customer design is available.



WLL (t)	Steel coil Parameters (mm)	Opening degree (A) (mm)	Max. Dimension (mm)				Limit Device	Remark
			D	L	B	H		
10	Inner Dia.:φ508 Outer Dia.:φ2150	300~2000	1000	2900	720	2800	Limited by travel switch, Limited by optoelectronic switch	Max. temperature:600°C Max temperature:80°C
20		300~2000	1000	2900	720	2800		
30		300~2000	1000	2900	720	2800		
40		300~2000	1000	2900	720	2800		

MECHANICAL CLAMP FOR HORIZONTAL STEEL COIL

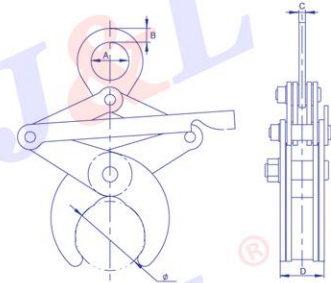
- With features of compact structure, less weight, accurately clamp, high efficiency, good applicability, advanced technology, easy to maintenance.
- Widely used in carrying horizontal steel coil, stacking in dock warehouse, loading and unloading for transportation. Customer design is available.



WLL (t)	Width of the steel coil (mm)	Inner Dia. of the steel coil (mm)	Outer Dia. of the steel coil (mm)	Max. Dimension	
				W	H
20	930-1250	Φ580	Φ1050-Φ1280	2400	2600
35	900-1450	Φ762	Φ1500-Φ1950	2700	3000

ROUND STEEL CLAMP

- Clamp the middle of the round steel, open and shut the jaw by manual control, lifting the round steel horizontally.
- Used for lifting the round steel horizontally.

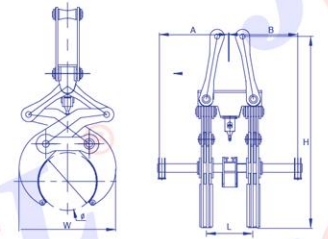


WLL (t)	Application scope (Φ) (mm)	Opening Dimension (mm)	Max. Dimension (mm)			
			A (mm)	B (mm)	C (mm)	D (mm)
1	Φ50-Φ100	105	60	20	12	66
	Φ100-Φ160	170	80	28	14	84
2	Φ80-Φ130	145	100	30	20	94
	Φ100-Φ200	210	100	30	20	130
3	Φ120-Φ220	240	120	45	20	138
	Φ160-Φ250	270	120	45	20	138
5	Φ200-Φ320	340	140	40	25	165
	Φ250-Φ400	440	160	50	25	165
6	Φ300-Φ500	530	200	60	25	175



SINGLE ROLLER LIFTING TOOL

- Open and shut the jaw by the automatic control system, the support structure was located in the bearing block of the roller, there is copper plate installed in the connecting part between the jaw and roller to protect the roller free from damage.
- The support structure could be adjusted to adapt various of rollers with different bearing block.
- Only used for lifting the roller which with the bearing block.

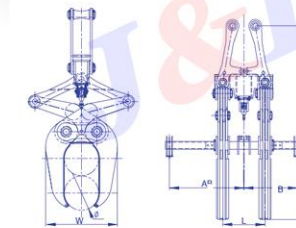


WLL (t)	Dia. of roller W (mm)	Max. Dimension (mm)		Span L (mm)	Distance A (mm)	Distance B (mm)
		W	H			
16	Φ645-Φ820	1800	3300	600	1300	1300
20	Φ630-Φ850	1650	3600	1000	1750	1750
20	Φ540-Φ800	1700	3800	850	1425	1425
25	Φ630-Φ800	1600	3650	1000	1510	1510
32	Φ860-Φ1070	2300	4000	600	1040	1040
32	Φ1250-Φ1350	3500	4300	1000	500	500
63	Φ1100-Φ1350	2950	5200	1000	1400	1400



DOUBLE ROLLER LIFTING TOOL

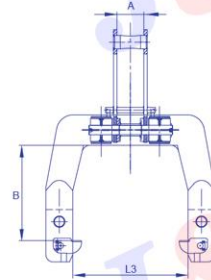
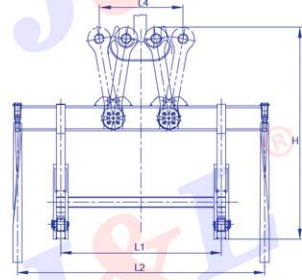
- Open and shut the jaw by the automatic control system, the support structure was located in the bearing block of the roller, there is copper plate installed in the connecting part between the jaw and roller to protect the roller free from damage.
- The support structure could be adjusted to adapt various of rollers with different bearing block.
- Only used for lifting the roller which with the bearing block.



WLL (t)	Dia. of roller W (mm)	Max. Dimension (mm)		Span L (mm)	Distance A (mm)	Distance B (mm)
		W	H			
10	Φ410-Φ500	1200	2900	600	835	855
20	Φ500-Φ550	1500	3000	800	1100	1100
20	Φ550-Φ650	1400	3500	800	1080	1080
25	Φ645-Φ730	1500	3800	800	1430	1100
32	Φ645-Φ820	3100	4300	800	1450	1120
32	Φ630-Φ700	1700	4500	1000	1750	1250
40	Φ605-Φ805	1900	4750	950	1458	1143
40	Φ630-Φ850	2100	5000	1000	1500	1500
50	Φ580-Φ825	1850	5000	950	1655	1335
63	Φ540-Φ950	2100	5600	1000	1300	1600

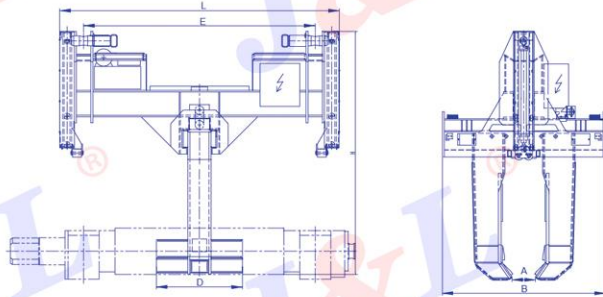
ROLLER LIFTING TOOL (BEAM TYPE)

- Used for lifting and installing the roller.



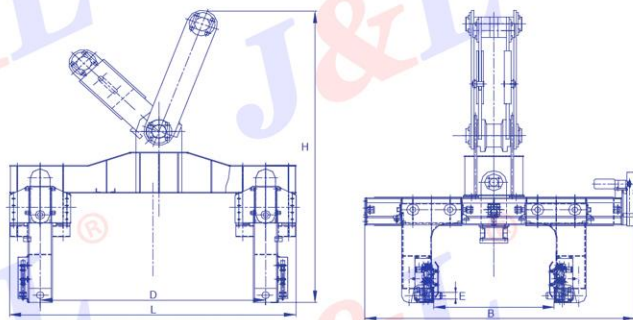
ROLLER LIFTING TOOL (ELECTRIC HYDRAULIC TYPE)

- Composed of lifting pin, beam, clamp leg, oil cylinder, hydraulic motor, hydraulic control system, electric and electric control system, cable drum, etc.
- Used for lifting the single roller or double roller which with bearing block, protect the roller surface free from damage, with feature of accurately clamp, high efficiency, security and reliable, advanced technology, easy to maintenance.
- The oil cylinder, oil hydraulic pump and valve body are famous international brands.
- Custom design is available.



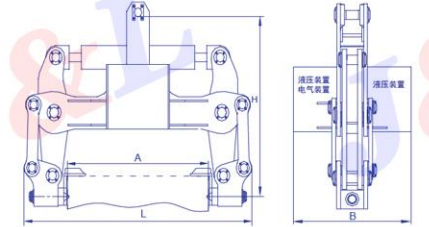
BACKUP ROLL LIFTING TOOL (ELECTRIC TYPE)

- Composed of lifting ear, beam, clamp leg, electric and electric control system, cable drum, etc.
- Used for lifting backup roll with bearing block, with feature of accurately clamp, high efficiency, security and reliable, light selfweight, advanced technology, easy to maintenance.
- Custom design is available.



HYDRAULIC ROLLOVER ALUMINIUM INGOT CLAMP

- Made up of lift ear, beam, clamp leg, hydro-cylinder, hydraulic control system, electric and electric control system, cable drum, etc.
- Accuracy clamp, powerful clamp force, efficiency, liable security and easy maintainence.
- Clamp force is controlled by hydraulic system, which can adjust the force. There is one hydraulic lock in the hydraulic system, which can control the oil cylinder pressure to avoid any security accident.
- Oil cylinder, oil hydraulic pump and valve body are all international famous brand.
- Widely used to lift the aluminium ingot from the well in vertical direction, put down in horizontal direction and also can lift it in horizontal direction.
- Custom design is available.

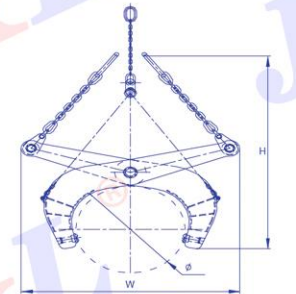


Working load limit. (t)	Matched aluminium ingot range (mm)	Max. dimension (mm)		
		L	B	H
20	900~1630	3200	1600	2570
30	1500~2100	3680	1600	2570



STEEL INGOT CLAMP

- Used to lift the steel ingot in vertical and horizontal direction, and can also roll over it. The clamp applies lever operation principal, has the property of easy and reasonable structure, flexible operation and liable security.
- With the cooperation of Crane's secondary hook to control the open and close of the clamp jaw.
- Clamp must be operated under safety rules, only the skilled operator is allowed to use the clamp when roll over the steel rigot.
- If without load, there will be some incline.



Working load limit. (t)	Range of application Φ (mm)	Max. dimension (mm)	
		W	H
25	Φ 1300- Φ 2000	4100	8300
30	Φ 1500- Φ 3500	7400	10000
150	Φ 1200- Φ 3500	8600	12500
350	Φ 1900- Φ 3800	8000	11500
550	Φ 3000- Φ 5000	9300	11500



FOUR ROPE GRAB BUCKET SERIES

FOUR ROPE GRAB BUCKET OPERATION:

It is mainly used to cooperated with portal crane with two sets of hoisting coiling block, to grap all kinds of unwound deposit, and finish the loading, unloading and movement operation. According to the deposit type and customer's requirements, the design can contains that with teeth, opened parallel beam and operation under water type, etc.

Four rope grab bucket grade:

According to the different size of the bucket, the capacity of the grab is different, the grab is divided into four grade: light, medium, heavy and superheavy.



SINGLE ROPE GRAB BUCKET SERIES

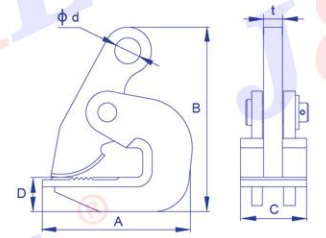
Single rope grab bucket is different from multi rope grab bucket. In the multi grab bucket, the open and close rope can cooperated with the support rope to control the open and close of the bucket. While the single rope grab bucket is directly hung under the crane and to open and close the bucket by the rise and fall of the hook. In this way, single rope grab bucket do not need specific crane (like grab crane), and can finish the operation of the grab of the unwound deposit, scrap steel, etc.

Our single rope grab's open-close structure is novelty, easily to open and close when graping. Notes: the bucket can not open and close in the air.



HORIZONTAL STEEL PLATE LIFTING CLAMP

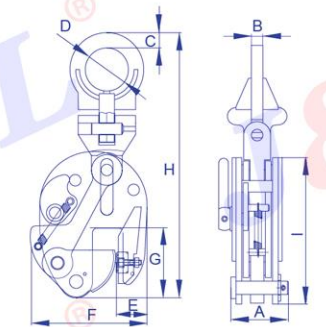
- Using for lifting the steel plate in horizontal direction.
- Working load limit means the maximum working load it can bear when used in pairs.
- Add balance beam when the steel plate is too long.
- Proof test load is 2 times of the working load limit, breaking load is 4 times of the working load limit.
- Please read the manual carefully before use.



Product type	WLL (t/pair)	Steel plate thickness	A (mm)	B (mm)	C (mm)	D (mm)	t (mm)	Φd (mm)	Self weight (kg)
DHQ2	2	1~20	127	156	56	29	16	22	2.12
DHQ3	3	1~30	152	190	64	31	18	28	3.4
DHQ5	5	20~60	228	293	70	54	20	34	8.5
DHQ8	8	50~100	277	375	86	59	25	40	16.2
DHQ10	10	60~125	306	421	86	66	25	50	20.2

VERTICAL STEEL PLATE LIFTING CLAMP

- Using for lifting the steel plate in vertical direction.
- It can be used in single or in pair the working load limit means the maximum weight the single clamp can bear.
- It can only lift one piece steel plate, multi-plates lifting are forbidden. When lifting, any collision with other things should be avoided.
- When using, lift up the lock handle to fasten the spring; when releasing, make the lock handle downward to release the spring and separate the clamp and steel plate.
- The proof test load of the DSQ1, DSQ2, DSQ3 and DSQ5 vertical clamp is 2 times of the working load limit, breaking load is 4 times of working load limit.
- The proof test load of the DSQ8, DSQ12, DSQ16 vertical clamp is 1.5 times of the working load limit, breaking load is 3 times of working load limit.
- The material of the tong tooth is alloy steel, after Mesh belt furnace oxidation heat treatment, it will gain good hardness and toughness.
- Please read the manual carefully before use.

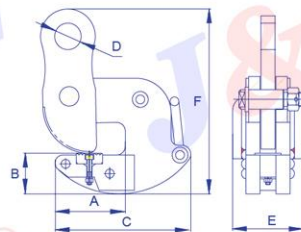


Product type	Working load limit (t)	Steel plate thickness	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Test mark (mm)	Self weight (kg)
DSQ1	1	1~16	59	12	16	50	32	122	73	277.5	155	50	3.7
DSQ2	2	1~22	61	16	23	55	45	165	88	340	190	55	6.3
DSQ3	3	5~30	72	16	28	60	55	195	110	398	227	70	10.5
DSQ5	5	16~50	82	20	33	75	70	250	135	488	275	90	19.3
DSQ8	8	40~80	100	25	40	80	91	345	175	610	370	130	40
DSQ12	12	50~90	107	28	45	90	105	430	182	645	380	150	55
DSQ16	16	60~100	107	41	50	100	115	455	200	650	410	160	63

ROLLOVER CLAMP



- Using for lifting the steel plate in horizontal direction and rollover the steel plate and section steel.
- When lifting, any collision with other things should be avoided.
- It can be used in single, the working load limit means the maximum weight the single clamp can bear.
- Balance beam is required when lifting in horizontal direction.
- The proof test load is 2 times of the working load limit, breaking load is 4 times of working load limit.
- Please read the manual carefully before use.

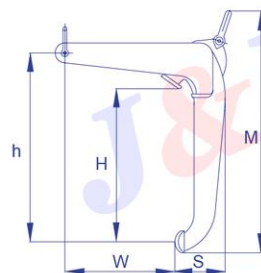


Product type	WLL (t)	Steel plate thickness (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Self weight (kg)
DFQ1.5	1.5	1~20	80	43	153	30	80	205	5.2
DFQ2.5	2.5	1~30	105	52	190	35	90	270	8.7
DFQ5	5	10~40	136	82	247	46	114	380	25
DFQ10	10	20~50	160	85	300	60	129	410	35

OIL DRUM CLAMP



- Using for lifting the oil drum in vertical direction.
- It can be used in single or in pairs, the working load limit means the maximum weight the single clamp can bear.
- When lifting, any collision with other things should be avoided.
- The proof test load is 1.5 times of the working load limit, breaking load is 3 times of working load limit.
- Please read the manual carefully before use.

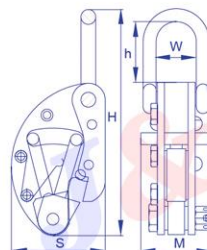


Product type	WLL (t)	Opening	H (mm)	h (mm)	M (mm)	S (mm)	W (mm)	Self weight (kg)
YQC0.6	0.6	0~30	350	420	570	105	260	6.5

OIL DRUM CLAMP (DYQ)



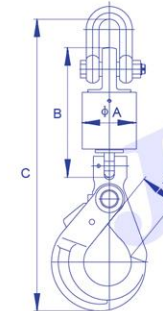
- Using for lifting the oil drum in horizontal and vertical direction.
- Used in single or in pairs, the working load limit means the maximum weight the single clamp can bear.
- When lifting, any collision with other things should be avoided.
- The proof test load is 2 times of the working load limit, breaking load is 4 times of working load limit.
- Please read the manual carefully before use.



Product type	WLL (t)	Opening	H (mm)	h (mm)	M (mm)	S (mm)	W (mm)	Self weight (kg)
DYQ0.2	0.2	2~10	188	60	60	80	35	1.0

OIL FIELD SHACKLE HOOK

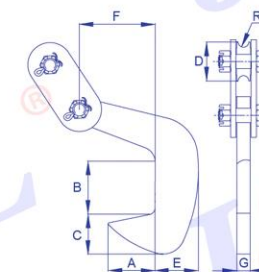
- When no-load or loading, self-lock hook can rotate in 360 angles.
- The proof test load is 2 times of the working load limit, breaking load is 3.5 times of working load limit.



WLL (t)	A (mm)	B (mm)	C (mm)	D (mm)	Shackle working load (t)	Hook working load (t)	Self weight (kg)
5	96	229	487.8	50	6.5	5.4	13.8
8	128	315	628.6	60	8.5	8.2	19.6

SINGLE PLATE CLAMP

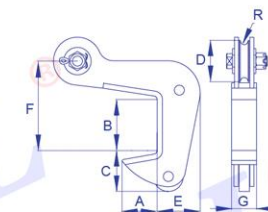
- Using for lifting single or several steel plates in horizontal direction.
- The working load limit means the maximum load that one pair of clamps can bear when the lifting angle is 60°.
- Four pieces are required when lifting, also should cooperated with balance beam. When lifting, any collision with other things should be avoided.
- Can unlock automatically.
- The proof test load is 2 times of the working load limit, breaking load is 4 times of working load limit.
- Please read the manual carefully before use.



Product type	WLL (t/pair)	Steel plate thickness (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	R (mm)	Self weight (kg)
DCQA3	3	30~90	102	90	68	78	84	168	25	9	12
DCQA5	5	40~100	108	100	73	88	97	172	30	11	15
DCQA8	8	80~140	110	127.5	80	110	124	240	30	15	21.2
DCQA10	10	90~150	122	155	85	120	141	260	35	15	27

DOUBLE PLATE LIFTING CLAMP

- Using for lifting single or several steel plates in horizontal direction.
- The working load limit means the maximum load that one pair of clamps can bear when the lifting angle is 60°.
- Four pieces are required when lifting, also should cooperated with balance beam. When lifting, any collision with other things should be avoided. Can unlock automatically.
- The proof test load is 2 times of the working load limit, breaking load is 4 times of working load limit.
- Please read the manual carefully before use.



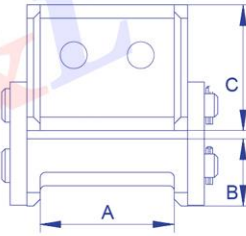
Product type	WLL (t/pair)	Steel plate thickness (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	R (mm)	Self weight (kg)
DCQB4	4	40~100	72	102	70	74	82	179	60	10	7
DCQB6	6	40~120	91	129	89	100	107	263	73	12	14
DCQB10	10	120~210	134	213	133	130	148	357	90	15	32

EDGE PROTECTOR FOR LIFTING BELTS



- To protect the lifting belts when lifting sharp and angular items.
- Load capacity range : 1-40T; Width range: 40-170mm.
- There will be no deformation after proof test by 2 times of working load.

Suitable width (mm)	WLL of the lifting belt (t)	A (mm)	B (mm)	C (mm)	Self weight (kg)
40	1	50	30	60	0.51
50	2	60	33	65	0.70
60	3	70	38	70	1.02
70	5	80	40	75	1.28
90	8	100	46	90	1.75
100	10	110	49	100	2.40
115	12	125	55	110	3.20
140	15	150	66	130	4.90
170	20	180	66	140	6.70
170	30	180	77	160	9.30
170	40	180	80	170	10.40

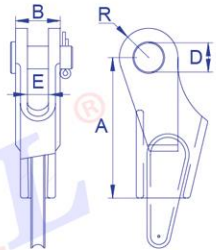


OPEN WEDGE SOCKET

- To fix and connect the steel wire rope.
- Rope diameter range: 6-52mm.
- Proof test load is 2 times of the working load limit of the wire rope, while breaking load is 4 times of that.
- Please read the requirements of GB5973-2006 for the operation requirements and attentions.
- To match the steel wire rope of Grade 1670MPa.



Product type (mm)	Working load limit (KN)	A (mm)	B (mm)	D (mm)	E (mm)	R (mm)	Cotter pin (mm)	Self weight (kg)
6	10	105	29	16	13	16	4x24	0.56
8	10	125	31	18	15	25	4x26	0.77
10	15	150	38	20	18	25	5x30	1.01
12	20	180	44	25	20	30	5x35	1.70
14	25	185	51	30	23	35	6.3x45	2.34
16	30	195	60	34	26	42	6.3x50	3.27
18	35	195	64	36	28	44	6.3x50	4.00
20	50	220	72	38	30	50	6.3x50	5.45
22	55	240	76	40	32	52	6.3x55	6.37
24	65	260	83	50	35	60	6.3x65	8.32
26	75	280	92	55	38	65	8x75	10.16
28	95	320	94	55	40	70	8x75	13.94
32	120	360	110	65	44	77	8x90	17.94
36	155	390	122	70	48	85	8x95	23.03
40	200	470	145	75	55	90	8x100	32.35
42	220	480	160	82	60	96	10x100	76.00
44	240	520	164	85	64	105	10x100	85.50
48	280	530	174	90	70	100	10x100	95.00
52	320	570	184	90	74	105	10x100	128.00



SOLID THIMBLE

- To match the pressed wire rope sling to protect the wire rope.
- Wire rope diameter range: 8-60mm.
- Proof test load is 2 times of the working load limit of the wire rope sling.
- Please read the requirements of GB5974.2-2006 for the operation requirements and attentions.



Product type (mm)	F (mm)	C (mm)	A (mm)	B (mm)	L (mm)	D (mm)	E (mm)	Self weight (kg)
8	8.6	14	20	40	56	5	12	0.08
10	10.8	17	25	50	70	5	12	0.17
12	13	21	30	60	84	5	15	0.32
14	15.1	24	35	70	98	5	20	0.50
16	17.2	28	40	80	112	5	20	0.78
18	19.4	31	45	90	126	5	20	1.14
20	21.5	35	50	100	140	10	30	1.41
22	24	38	55	110	154	10	30	1.96
24	26	42	60	120	168	10	30	2.41
26	28	45	65	130	182	10	30	3.46
28	30.1	49	70	140	196	10	30	4.30
32	34.4	56	80	160	224	10	30	6.46
36	39	63	90	180	252	10	30	9.77
40	43	70	100	200	280	10	30	12.94
44	47.3	77	110	220	308	15	45	17.02
48	51.6	84	120	240	336	15	45	22.75
52	56	91	130	260	364	15	45	28.41
56	60.2	98	140	280	392	15	45	35.56
60	64.5	105	150	300	420	15	45	48.35

MAGNETIC PROTECTOR FOR WIRE ROPE

Patent number. ZL 2005 2 0129483.1

- With the strong magnetic force, the magnetic protector can be absorbed to the sharp, angular and other acting force position to protect the wire rope.
- After the magnetic protector is absorbed to the specific position, the wire rope need to be placed to the proper position.

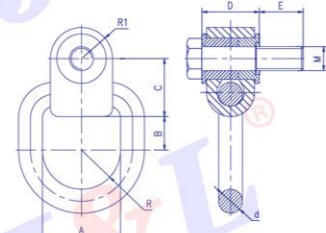


Wire rope diameter (mm)	A (mm)	B (mm)	Self weight (kg)
≤ 10	23	36	1.9
10-20	28	50	1.96
20-30	44	66	2.4
30-40	52	85	4.94
40-50	61	88	9.5
50-60	69	98	12.7

DYNAMO HOIST LINK



- Using for lifting and installation of the big dynamo.
- Working load limit is the maximum weight that the link can bear when used in pairs and the lifting angle is 90°.
- Proof test load is 2 times of the working load limit, while breaking load is 4 times of that.

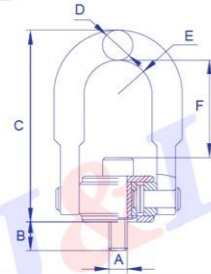


Product type	Working load limit (t)	A (mm)	B (mm)	C (mm)	D (mm)	R (mm)	E (mm)	M (mm)	R1 (mm)	Self weight (kg)
DJDH8T	8	98	42	74.5	72	49	55	M30	39	6.51
DJDH10T	10	98	42	77.5	72	49	55	M36	44	6.82

SWIVELS



- Used in the situation with lifting angles.
- Thread diameter: M10-M64.
- Proof test load is 2 times of the working load limit of the wire rope sling, while breaking load is 6 times of that.

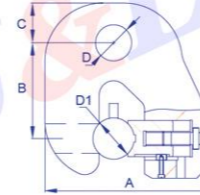


Working load limit (t)	Breaking Load (t)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Self weight (kg)
0.45	2.7	M10	18	71	12	12	27	0.2
1	6	M12	20	123	20	22	61	1.1
1.75	10.5	M16	24	125	20	22	55	1.2
2.2	13.2	M20	30	129	25	22	49	1.6
2.7	16.2	M20	30	143	28	35	79	3.3
3.5	21	M24	34	171	28	35	75	3.4
4.2	25.2	M30	54	171	28	35	69	3.8
7	42	M30	66	239	38	45	69	11.8
11	66	M36	69	323	50	57	125	20.5
12.5	75	M42	79	339	50	57	135	22.1
13.5	81	M48	79	339	50	57	129	22.8
15	90	M52	85	371	52	65	142	31.5
17	102	M56	85	395	55	65	147	35
20	120	M64	94	421	62	72	152	47.6

TURN OVER HOOK



- Specific hook used to lift and turn over the steel bar and steel pipe.
- Ingle piece proof test load is 1.5 times of the working load limit.



Dimension of the lifting items (mm)	Working load limit (t)	A (mm)	B (mm)	C (mm)	D (mm)	D1 (mm)	Self weight (kg)
Φ25	1.5	140	78	28	Φ21	Φ25	3.2
Φ28	3	171	80	30	Φ21	Φ28	8.7
Φ33.7	3	159	80	30	Φ28	Φ33.7	4.7
Φ38	0.5	153	117	22	Φ18	Φ39	3.5
Φ38.5	3	172.5	75	30	Φ28	Φ38.5	8.3
Φ51	3	207	121	30	Φ28	Φ51.5	10.1
Φ51.5	1.5	220	166	26	Φ25	Φ51.5	4.8
Φ57.2	7.5	237	132.5	50	Φ50	Φ57.2	24
Φ60.5	1.5	237	137	55	Φ50	Φ60.5	24
Φ63.5	1	252	220	40	Φ35	Φ63.5	19.1
Φ63.5	2.5	223	170	40	Φ30	Φ64	20
Φ76.2	4	258	140	40	Φ35	Φ76.2	25
Φ70	2	274	270	40	Φ35	Φ70	5.5
Φ70.5	2	217	97	34	Φ25	Φ70.5	13.7



L TYPE CLAMP

Using for lifting the steel plate in horizontal direction.



H-STEEL CLAMP

Using for lifting I-beam and H-beam in horizontal direction.



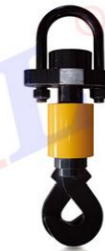
MULTI-PLATE CLAMP

Using for lifting several layers of steel plate in horizontal direction.



STEEL PIPE CLAMP

Using to lifting steel pipe in horizontal direction.



SWIVEL HOOK