SWIVEL HOIST RING

OPERATION NOTE

1、Hoist rings are not used for long-term bearing capacity; it can not swivel for long time.

2、During the lifting process, it is forbidden to swing and sway the sling, and the lifting must be moved at a constant speed and slowly.

3、When the lifting process slips and slides,please stop using it immediately.

4、When the hoist ring uses in the chemical environment, please consult the manufacturer.

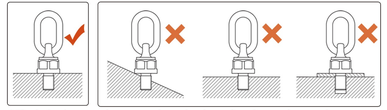
5、If it found that hoist ring of corrosion, cracks, abrasion, bending, deformation, or damage, it is prohibited to use Continually.

Installation instruction

1.The threaded hole of the lifting object must be perpendicular to the surface of the object,and the thread size matches the swivel ring.

2.The bottom of the swivel ring must be tightly attached to the lifting object,to prevent gaps from causing large bending moments and to prevent from reducing the life of the hoist ring.

3.Prohibited to putgasket or other fittings between the hoist ring and the lifting object,or remodel the hoist ring.

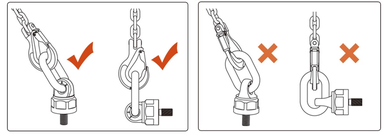


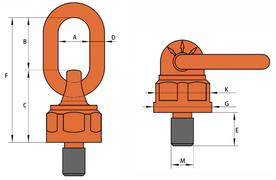
4.The hoist ring must be mounted on a hard metal surface such as steel or iron,It is forbidden to be installed on soft materials such as wood boards and cement.

5. Choosed the right lifting tool to match with hoist ring, and ensure that the direction of force is appropriate.

6.The hoist ring must be mounted at the center of gravity or symmetrically mounted around the center of gravity.

7.After the hoist ring is installed,when the hoist ring is forced,the hoist ring cannot interfere or obstruct the suspended object.





NO.	WLL/t	SPEC	paramerers mm									U.W
			E	A±2	B±3	C	D	F±3	G	K	Nm	kg
M6	0.2	M6×1.6g	10	30	43.5	54	12	97.5	40	37	10-40	0.4
M8	0.4	M8×1.25.6g	12	30	43.5	54	12	97.5	40	37	10-40	0.44
M10	0.6	M10×1.5.6g	19	30	43.5	54	12	97.5	40	37	10-40	0.45
M12-S	0.7	M12×1.75.6g	19	30	43.5	54	12	97.5	40	37	15-40	0.45
M14	1.25	M14×2.0.6g	31.8	30	43.5	54	12	97.5	40	37	30-100	0.45
M16-S	1.5	M16×2.0.6g	31.8	30	43.5	54	12	97.5	40	37	45-130	0.48
M12-B	1.05	M12×1.75.6g	19	34	54.5	78	16	132.5	59	54.5	15-40	1.15
M16-B	1.9	M16×2.0.6g	30	34	54.5	78	16	132.5	59	54.5	45-130	1.35
M18-S	1.9	M18×2.5.6g	30	34	54.5	78	16	132.5	59	54.5	100-170	1.35
M20-S	2	M20×2.5.6g	30	34	54.5	78	16	132.5	59	54.5	100-170	1.4
M22-S	2	M22×2.5.6g	30	34	54.5	78	16	132.5	59	54.5	100-170	1.4
M24-S	3.15	M24×3.0.6g	30	34	54.5	78	16	132.5	59	54.5	190-280	1.4
M18-B	2	M18×2.5.6g	38.1	40	67	93	20	160	70	64.5	100-170	2.3
M20-B	2.5	M20×2.5.6g	38.1	40	67	93	20	160	70	64.5	100-170	2.3
M22-B	2.5	M22×2.5.6g	38.1	40	67	93	20	160	70	64.5	100-170	2.35
M24-B	4	M24×3.0.6g	38.1	40	67	93	20	160	70	64.5	190-280	2.35

NO.	WLL/t	SPEC	paramerers mm									U.W
			E	A±2	B±3	C	D	F±3	G	K	Nm	kg
M27	4	M27×3.0.6g	38.1	40	67	93	20	160	70	64.5	250-500	2.35
M30-S	5	M30×3.5.6g	35	40	67	93	20	160	70	64.5	270-600	2.5
M30-B	6	M30×3.5.6g	50	51	95	111	22	206	79	74	270-600	3.75
M33	7.5	M33×3.5.6g	50	51	95	111	22	206	79	74	270-600	3.8
M36	10	M36×4.0.6g	54	51	95	111	22	206	79	74	270-600	3.9
M39	10	M39×4.0.6g	58	51	95	111	22	206	79	74	350-800	4
M42	13	M42×4.5.6g	63	65	108	122.5	26	230.5	93	85	350-800	5.9
M45	13	M45×4.5.6g	68	65	108	122.5	26	230.5	93	85	350-800	6
M48	14	M48×5.0.6g	68	65	108	122.5	26	230.5	93	85	350-800	6.15
M52	20	M52×5.0.6g	84	70	120	158	32	278	105	95	350-900	10
M56	20	M56×5.5.6g	84	70	120	158	32	278	105	95	350-900	10
M60	20	M60×5.5.6g	90	70	120	158	32	278	105	95	350-900	10.5
M64	20	M64×6.0.6g	95	70	120	158	32	278	105	95	500-1000	10.7
M72-S	25	M72×6.0.6g	108	80	123	210	40	333	158	142	500-1200	23
M80-S	30	M80×6.0.6g	120	80	123	210	40	333	158	142	500-1200	24
M90-S	35	M90×6.0.6g	135	80	123	210	40	333	158	142	500-1500	26
M100-S	35	M100×6.0.6g	135	80	123	210	40	333	158	142	500-1700	26
M72-B	31.5	M72×6.0.6g	108	90	138	230	48	368	169	155	500-1400	34
M80-B	35	M80×6.0.6g	120	90	138	230	48	368	169	155	500-1500	35.5
M90-B	40	M90×6.0.6g	135	90	138	230	48	368	169	155	500-1500	37.5
M100-B	40	M100×6.0.6g	135	90	138	230	48	368	169	155	500-1700	39
M110	50	M110×6.0.6g	135	90	138	230	48	368	169	155	500-1700	41
M120	50	M120×6.0.6g	135	90	138	230	48	368	169	155	500-1700	43
M130	50	M130×6.0.6g	135	90	138	230	48	368	198	155	500-1700	45
M140	50	M140×6.0.6g	135	90	138	230	48	368	198	155	500-1700	47
M150	50	M150×6.0.6g	135	90	138	230	48	368	198	155	500-1700	49.5

⚠ According to the weight of the lifting object and the lifting plan, strictly follow the product working load form and select the appropriate model.

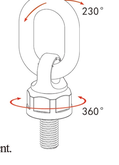
Lifting solution	1	2	1	2	2	2	2	3or4	3or4
Nunber of leg	1	2	1	2	2	2	2	3or4	3or4
Load direction	0°	0°	90°	90°	0-45° 45-60°	Asymmetric	0-45° 45-60°	0-45° 45-60°	Asymmetric
Product model	Lifting load /t								
M6	0.3	0.6	0.2	0.4	0.3	0.2	0.2	0.4	0.3	0.2
M8	0.6	1.2	0.4	0.8	0.6	0.4	0.4	0.8	0.6	0.4
M10	0.9	1.8	0.6	1.2	0.8	0.6	0.6	1.3	0.9	0.6
M12	1.2	2.4	0.7	1.4	1.0	0.7	0.7	1.5	1.1	0.7
M14	2	4	1.25	2.5	1.8	1.3	1.3	2.6	1.9	1.3
M16-S	2.6	5.2	1.5	3.0	2.1	1.5	1.5	3.2	2.3	1.5
M12-B	1.6	3.2	1.05	2.1	1.5	1.1	1.1	2.2	1.6	1.1
M16-B	3	6	1.9	3.8	2.7	1.9	1.9	4.0	2.9	1.9
M18-S	3	6	1.9	3.8	2.7	1.9	1.9	4.0	2.9	1.9
M20-S	3.5	7	2	4.0	2.8	2.0	2.0	4.2	3.0	2.0
M22-S	3.5	7	2	4.0	2.8	2.0	2.0	4.2	3.0	2.0
M24-S	5	10	3.15	6.3	4.4	3.2	3.2	6.6	4.7	3.2
M18-B	3.6	7.2	2	4.0	2.8	2.0	2.0	4.2	3.0	2.0
M20-B	4	8	2.5	5.0	3.5	2.5	2.5	5.3	3.8	2.5
M22-B	4	8	2.5	5.0	3.5	2.5	2.5	5.3	3.8	2.5
M24-B	7	14	4	8.0	5.6	4.0	4.0	8.4	6.0	4.0
M27	7	14	4	8.0	5.6	4.0	4.0	8.4	6.0	4.0
M30-S	7	14	5	10.0	7.0	5.0	5.0	10.5	7.5	5.0
M30-B	10	20	6	12.0	8.4	6.0	6.0	12.6	9.0	6.0
M33	15	30	7.5	15.0	10.5	7.5	7.5	15.8	11.3	7.5
M36	15	30	10	20.0	14.0	10.0	10.0	21.0	15.0	10.0
M39	15	30	10	20.0	14.0	10.0	10.0	21.0	15.0	10.0
M42	17	34	13	26.0	18.2	13.0	13.0	27.3	19.5	13.0
M45	17	34	13	26.0	18.2	13.0	13.0	27.3	19.5	13.0
M48	18	36	14	28.0	19.6	14.0	14.0	29.4	21.0	14.0
M52	25	50	20	40.0	28.0	20.0	20.0	42.0	30.0	20.0
M56	28	56	20	40.0	28.0	20.0	20.0	42.0	30.0	20.0
M60	28	56	20	40.0	28.0	20.0	20.0	42.0	30.0	20.0
M64	28	56	20	40.0	28.0	20.0	20.0	42.0	30.0	20.0
M72-S	31.5	63	25	50.0	35.0	25.0	25.0	52.5	37.5	25.0
M80-S	38	76	30	60.0	42.0	30.0	30.0	63.0	45.0	30.0
M90-S	40	80	35	70.0	49.0	35.0	35.0	73.5	52.5	35.0
M100-S	40	80	35	70.0	49.0	35.0	35.0	73.5	52.5	35.0
M72-B	40	80	31.5	63.0	44.1	31.5	31.5	66.2	47.3	31.5
M80-B	40	80	35	70.0	49.0	35.0	35.0	73.5	52.5	35.0
M90-B	50	100	40	80.0	56.0	40.0	40.0	84.0	60.0	40.0
M100-B	50	100	40	80.0	56.0	40.0	40.0	84.0	60.0	40.0
M110	50	100	50	100.0	70.0	50.0	50.0	105.0	75.0	50.0
M120	50	100	50	100.0	70.0	50.0	50.0	105.0	75.0	50.0
M130	50	100	50	100.0	70.0	50.0	50.0	105.0	75.0	50.0
M140	50	100	50	100.0	70.0	50.0	50.0	105.0	75.0	50.0
M150	50	100	50	100.0	70.0	50.0	50.0	105.0	75.0	50.0

Inspection and maintenance

1.Please check the appearance before using the hoist ring, if it found that signs of corrosion,cracks, abrasion, bending, deformation,or damage, it is prohibited to use continually.

2.Before using the hoist ring, please check if the swivel and pivot are smooth, hoist ring should be swivel 360°with pivot 230°.

3.Before using the hoist ring,please check if the thread and threaded hole are properly fitted,and whether the bolts are locked.

4.Regularly inspect the hoist ring crack.

5.Please keep the product clean and proper use environment.