ELEMENTI DI SOLLEVAMENTO / GOLFARI
LIFTING ELEMENTS / RINGS

2023

PRODUCT DISPLAY


083 UNIVERSAL SWIVEL HOISTRING


0832 SWIVELHOISTRING-NUTTYPE


081 LIFTING POINT


S YDS SWIVEL HOIST RING


094 KEY EYE POINT


082 HEAVY DUTY LIFTING POINT


088 EYE&EYE CONTACT BEARING SWIVELS


089 JAW & EYE CONTACT BEARING SWIVELS


086 JAW & JAW CONTACT BEARING SWIVELS


087 BULLET CONTACT BEARING SWIVELS


092 Welding Type Lifting Lug


085 WELDED D RING


095 LIFTING CLUTCH FOR CONCRETE


SA DUPLEX STAINLESS STEEL EYE BOLT

UNIVERSAL SWIVEL HOIST RING

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083

360° Rotated 230° Pivot

Swivel hoist ring made of special alloy steel with precision forging, it had high processing performance after special heat treatment process.

4:1 Safety Factor

The link ring can automatically adjust the force angle with the stretching direction.Working tensile is the same in any direction, safety factor is 4:1.

Complete Specifications

Different kinds of thread are available, wide range of WLL load (M8 –M150 , 0.3T–50T); the available thread including: Metric thread, Metric fine thread,UNC thread, UNF thread, BSW thread and so on.

Electrostatic Coating

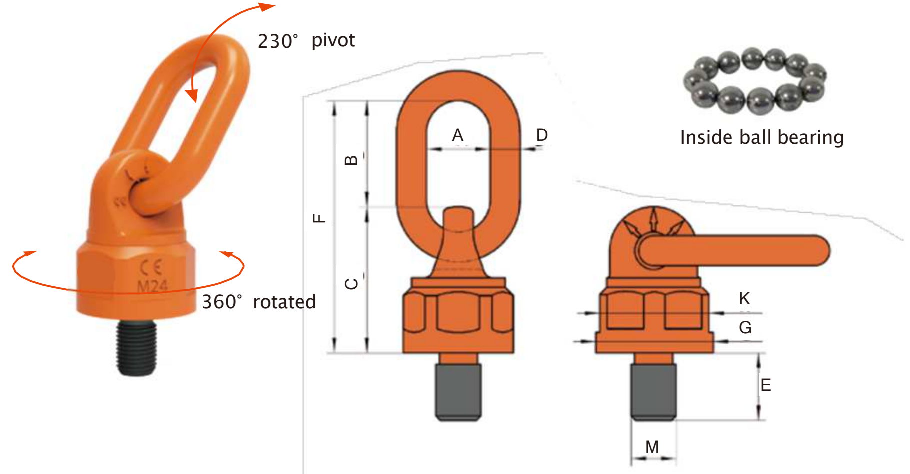
Lifting points are made of alloy steel precision forging, with a tensile strength greater than 1080Mpa after quenching and tempering. The surface of the lifting ring is electrostatic coating to improve its anti–corrosion ability.

Go/No Go Gauge Inspection

After passing the inspection with a 6g go/no go gauge, it is suitable for precision threaded holes. Mark the WLL and thread diameter on the base of the lifting point.

Easy Installation

The design of base hexagon, which make hoist ring to be fastening installed mount–ing object.



Metric Thread

ITEM NO.	WLL/T	Thread M	Dimensions / mm								Nm	Weight Kg
			E	A±2	B±3	C	D	K	→	F±3		
083-M8	0.4	M8×1.25	12	30	43.5	54	12	37	40	97.5	10-40	0.44
083-M10	0.6	M10×1.5	19	30	43.5	54	12	37	40	97.5	10-40	0.45
083-M12S	0.7	M12×1.75	19	30	43.5	54	12	37	40	97.5	15-40	0.45
083-M14	1.25	M14×2.0	31.8	30	43.5	54	12	37	40	97.5	30-100	0.45
083-M16S	1.5	M16×2.0	31.8	30	43.5	54	12	37	40	97.5	45-130	0.48
083-M12B	1.05	M12×1.75	19	34	54.5	78	16	54.5	59	133	15-40	1.15
083-M16B	1.9	M16×2.0	30	34	54.5	78	16	54.5	59	133	45-130	1.35
083-M18S	1.9	M18×2.5	30	34	54.5	78	16	54.5	59	133	100-170	1.35
083-M20S	2	M20×2.5	30	34	54.5	78	16	54.5	59	133	100-170	1.4
083-M22S	2	M22×2.5	30	34	54.5	78	16	54.5	59	133	100-170	1.4
083-M24S	3.15	M24×3.0	30	34	54.5	78	16	54.5	59	133	190-280	1.4
083-M18B	2	M18×2.5	38.1	40	67	93	20	64.3	70	160	100-170	2.3
083-M20B	2.5	M20×2.5	38.1	40	67	93	20	64.3	70	160	100-170	2.3
083-M22B	2.5	M22×2.5	38.1	40	67	93	20	64.3	70	160	100-170	2.35
083-M24B	4	M24×3.0	38.1	40	67	93	20	64.3	70	160	190-280	2.35
083-M27	4	M27×3.0	38.1	40	67	93	20	64.3	70	160	250-500	2.35
083-M30S	5	M30×3.5	35	40	67	93	20	64.3	70	160	270-600	2.5
083-M30B	6	M30×3.5	50	51	95	111	22	74	79	206	270-600	3.75
083-M33	7.5	M33×3.5	50	51	95	111	22	74	79	206	270-600	3.8
083-M36	10	M36×4.0	54	51	95	111	22	74	79	206	270-600	3.9
083-M39	10	M39×4.0	58	51	95	111	22	74	79	206	350-800	4
083-M42	13	M42×4.5	63	65	108	122.5	26	85	93	231	350-800	5.9
083-M45	13	M45×4.5	68	65	108	122.5	26	85	93	231	350-800	6
083-M48	14	M48×5.0	68	65	108	122.5	26	85	93	231	350-800	6.15
083-M56	20	M56×5.5	84	70	120	158	32	95	105	278	350-900	10
083-M60	20	M60×5.5	90	70	120	158	32	95	105	278	350-900	10.5

★ safety factor: 4:1,B=Big size, S=Small size

Available on demand for choose of standard metric thread, metric fine thread, UNC,UNF thread, BSW(British standard Whitworth thread) and so on.

⚠WARNING
Do not overload use and Install the base of the hoist ring flush to the mounting surface.

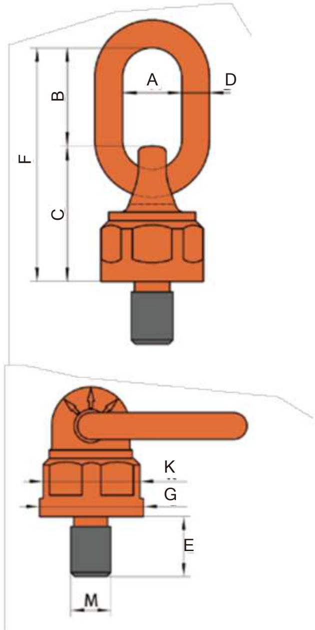
PRODUCT PARAMETERS

Load style											
Number of pieces		1	2	1	2	2		2	3-4		3-4
Inclination angle		0°	0°	90°	90°	0-45°	45-60°	Asymmetry	0-45°	45-60°	Asymmetry
ITEM NO.	Thread M	WLL / T									
083-M8	8	0.6	1.2	0.4	0.8	0.6	0.4	0.4	0.8	0.6	0.4
083-M10	10	0.9	1.8	0.6	1.2	0.8	0.6	0.6	1.3	0.9	0.6
083-M12S	12	1.2	2.4	0.7	1.4	1.0	0.7	0.7	1.5	1.1	0.7
083-M14	14	2	4	1.25	2.5	1.8	1.3	1.3	2.6	1.9	1.3
083-M16S	16	2.6	5.2	1.5	3	2.1	1.5	1.5	3.2	2.3	1.5
083-M12B	12	1.6	3.2	1.05	2.1	1.5	1.1	1.1	2.2	1.6	1.1
083-M16B	16	3	6	1.9	3.8	2.7	1.9	1.9	4	2.9	1.9
083-M18S	18	3	6	1.9	3.8	2.7	1.9	1.9	4	2.9	1.9
083-M20S	20	3.5	7	2	4	2.8	2	2	4.2	3	2
083-M22S	22	3.5	7	2	4	2.8	2	2	4.2	3	2
083-M24S	24	5	10	3.15	6.3	4.4	3.2	3.2	6.6	4.7	3.2
083-M18B	18	3.6	7.2	2	4	2.8	2	2	4.2	3	2
083-M20B	20	4	8	2.5	5	3.5	2.5	2.5	5.3	3.8	2.5
083-M22B	22	4	8	2.5	5	3.5	2.5	2.5	5.3	3.8	2.5
083-M24B	24	7	14	4	8	5.6	4	4	8.4	6	4
083-M27	27	7	14	4	8	5.6	4	4	8.4	6	4
083-M30S	30	7	14	5	10	7	5	5	10.5	7.5	5
083-M30B	30	10	20	6	12	8.4	6	6	12.6	9	6
083-M33	33	15	30	7.5	15	10.5	7.5	7.5	15.8	11.3	7.5
083-M36	36	15	30	10	20	14	10	10	21	15	10
083-M39	39	15	30	10	20	14	10	10	21	15	10
083-M42	42	17	34	13	26	18.2	13	13	27.3	19.5	13
083-M45	45	17	34	13	26	18.2	13	13	27.3	19.5	13
083-M48	48	18	36	14	28	19.6	14	14	29.4	21	14
083-M56	56	28	56	20	40	28	20	20	42	30	20
083-M60	60	28	56	20	40	28	20	20	42	30	20

⚠WARNING
Do not overload use and Install the base of the hoist ring flush to the mounting surface.

PRODUCT PARAMETERS

Inside ball bearing



Metric Thread

ITEM NO.	WLL/T	Thread M	Dimensions / mm								Nm	Weight Kg
			E	A ± 2	B ± 3	C	D	K	G	F ± 3		
083 - M64	20	M64 × 6.0	95	70	120	158	32	95	105	278	500 - 1000	10.7
083 - M72 - S	25	M72 × 6.0	108	80	123	210	40	142	158	333	500 - 1200	23
083 - M80 - S	30	M80 × 6.0	120	80	123	210	40	142	158	333	500 - 1200	24
083 - M90 - S	35	M90 × 6.0	135	80	123	210	40	142	158	333	500 - 1500	26
083 - M100 - S	35	M100 × 6.0	135	80	123	210	40	142	158	333	500 - 1700	26
083 - M72 - B	31.5	M72 × 6.0	108	90	138	230	48	155	169	368	500 - 1400	34
083 - M80 - B	35	M80 × 6.0	120	90	138	230	48	155	169	368	500 - 1500	35.5
083 - M90 - B	40	M90 × 6.0	135	90	138	230	48	155	169	368	500 - 1500	37.5
083 - M100 - B	40	M100 × 6.0	135	90	138	230	48	155	169	368	500 - 1700	39
083 - M110	50	M110 × 6.0	135	90	138	230	48	155	169	368	500 - 1700	41
083 - M120	50	M120 × 6.0	135	90	138	230	48	155	169	368	500 - 1700	43
083 - M130	50	M130 × 6.0	135	90	138	230	48	155	198	368	500 - 1700	45
083 - M140	50	M140 × 6.0	135	90	138	230	48	155	198	368	500 - 1700	47
083 - M150	50	M150 × 6.0	135	90	138	230	48	155	198	368	500 - 1700	49.5

★ safety factor: 4:1, B=Big size, S= Small size
Available on demand for choose of standard metric thread, metric fine thread, UNC,UNF thread, BSW(British standard Whitworth thread) and so on.

⚠WARNING

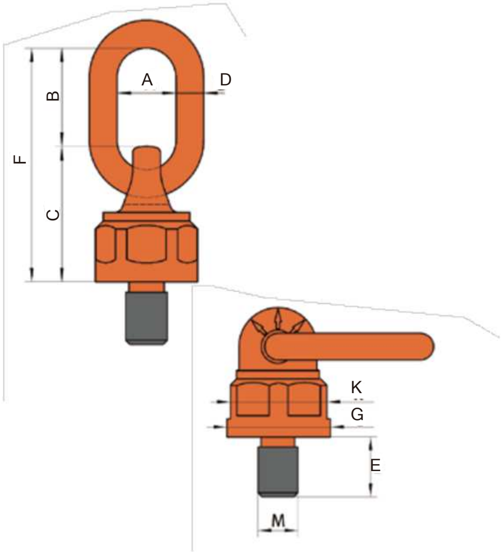
Load style											
Number of pieces		1	2	1	2	2		2	3 - 4		3 - 4
Inclination angle		0°	0°	90°	90°	0 - 45°	45 - 60°	Asymmetry	0 - 45°	45 - 60°	Asymmetry
ITEM NO.	Thread M	WLL / T									
083 - M64	64	28	56	20	40	28	20	20	42	30	20
083 - M72 - S	72	31.5	63	25	50	35	25	25	52.5	37.5	25
083 - M80 - S	80	38	76	30	60	42	30	30	63	45.0	30
083 - M90 - S	90	40	80	35	70	49	35	35	73.5	52.5	35
083 - M100 - S	100	40	80	35	70	49	35	35	73.5	52.5	35
083 - M72 - B	72	40	80	31.5	63	44.1	31.5	31.5	66.2	47.3	31.5
083 - M80 - B	80	40	80	35	70	49	35	35	73.5	52.5	35
083 - M90 - B	90	50	100	40	80	56	40	40	84	60.0	40
083 - M100 - B	100	50	100	40	80	56	40	40	84	60.0	40
083 - M110	110	50	100	50	100	70	50	50	105	75.0	50
083 - M120	120	50	100	50	100	70	50	50	105	75.0	50
083 - M130	130	50	100	50	100	70	50	50	105	75.0	50
083 - M140	140	50	100	50	100	70	50	50	105	75.0	50
083 - M150	150	50	100	50	100	70	50	50	105	75.0	50

⚠WARNING

230° pivot

360° rotated

Inside ball bearing



UNC Thread

ITEM NO.	WLL/T	Thread		Dimensions / mm								Nm	Weight Kg
		M	TPI	E	A±2	B±3	C	D	K	→	F±3		
083-3/8	0.6	3/8	16	19	30	43.5	54	12	37	40	97.5	10-40	0.5
083-1/2S	0.7	1/2	13	19	30	43.5	54	12	37	40	97.5	15-40	0.5
083-5/8S	1.5	5/8	11	31.8	30	43.5	54	12	37	40	97.5	45-130	0.5
083-1/2B	1.05	1/2	13	19	34	54.5	78	16	54.5	59	132.5	15-40	1.15
083-5/8B	1.9	5/8	11	30	34	54.5	78	16	54.5	59	132.5	45-130	1.35
083-3/4S	1.9	3/4	10	30	34	54.5	78	16	54.5	59	132.5	45-130	1.4
083-7/8S	2	7/8	9	30	34	54.5	78	16	54.5	59	132.5	100-170	1.4
083-1S	3.15	1	8	30	34	54.5	78	16	54.5	59	132.5	190-280	1.4
083-3/4B	2	3/4	10	38.1	40	67	93	20	64.3	70	160	45-130	2.5
083-7/8B	2.5	7/8	9	38.1	40	67	93	20	64.3	70	160	100-170	2.5
083-1B	4	1	8	38.1	40	67	93	20	64.3	70	160	190-280	2.5
083-1-1/4	6	1-1/4	7	50	51	95	111	22	74	79	206	270-600	4
083-1-1/2	10	1-1/2	6	54	51	95	111	22	74	79	206	270-600	4
083-1-3/4	13	1-3/4	5	68	65	108	122.5	26	85	93	230.5	350-800	6
083-2S	14	2	4.5	68	65	108	122.5	26	85	93	230.5	350-800	6.3
083-2B	17	2	4.5	84	70	120	158	32	95	105	278	350-800	11
083-2-1/4	20	2-1/4	4.5	84	70	120	158	32	95	105	278	350-900	11
083-2-1/2	20	2-1/2	4	95	70	120	158	32	95	105	278	350-900	11
083-3S	25	3	4	108	80	123	210	40	142	158	333	500-1400	23

★ safety factor: 4:1, B=Big size, S=Small size

Available on demand for choose of standard metric thread, metric fine thread, UNC, UNF thread, BSW(British standard Whitworth thread) and so on.

⚠WARNING

Do not overload use and Install the base of the hoist ring flush to the mounting surface.

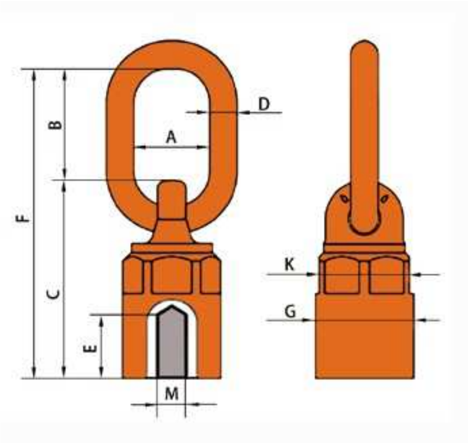
PRODUCT PARAMETERS

Load style		G	G	G	G	G		G	G		G
Number of pieces		1	2	1	2	2		2	3-4		3-4
Inclination angle		0°	0°	90°	90°	0-45°	45-60°	Asymmetry	0-45°	45-60°	Asymmetry
ITEM NO.	Thread M	WLL / T									
083-3/8	3/8	0.9	1.8	0.6	1.2	0.8	0.6	0.6	1.3	0.9	0.6
083-1/2S	½	1.2	2.4	0.7	1.4	1.0	0.7	0.7	1.5	1.1	0.7
083-5/8S	5/8	2.6	5.2	1.5	3	2.1	1.5	1.5	3.2	2.3	1.5
083-1/2B	1/2	1.6	3.2	1.05	2.1	1.5	1.1	1.1	2.2	1.6	1.1
083-5/8B	5/8	3	6	1.9	3.8	2.7	1.9	1.9	4	2.9	1.9
083-3/4S	3/4	3	6	1.9	3.8	2.7	1.9	1.9	4	2.9	1.9
083-7/8S	7/8	3.5	7	2	4	2.8	2	2	4.2	3	2
083-1S	1	5	10	3.15	6.3	4.4	3.2	3.2	6.6	4.7	3.2
083-3/4B	3/4	3.6	7.2	2	4	2.8	2	2	4.2	3	2
083-7/8B	7/8	4	8	2.5	5	3.5	2.5	2.5	5.3	3.8	2.5
083-1B	1	7	14	4	8	5.6	4	4	8.4	6	4
083-1-1/4	1-1/4	10	20	6	12	8.4	6	6	12.6	9	6
083-1-1/2	1-1/2	15	30	10	20	14	10	10	21	15	10
083-1-3/4	1-3/4	17	34	13	26	18.2	13	13	27.3	19.5	13
083-2S	2	18	36	14	28	19.6	14	14	29.4	21	14
083-2B	2	25	50	17	34	23.8	17	17	35.7	25.5	17
083-2-1/4	2-1/4	25	50	20	40	28	20	20	42	30	20
083-2-1/2	2-1/2	28	56	20	40	28	20	20	42	30	20
083-3S	3	31.5	63	25	50	35	25	25	52.5	37.5	25

⚠WARNING

Do not overload use and Install the base of the hoist ring flush to the mounting surface.

PRODUCT PARAMETERS



Metric Thread

ITEM NO.	WLL/T	Thread M	Dimensions / mm								Weight Kg
			E	A±2	B±3	C	D	F±3	→	K	
0832-M8	0.4	M8×1.25	15	30	43.5	76	12	119.5	40	37	0.6
0832-M10	0.6	M10×1.5	15	30	43.5	76	12	119.5	40	37	0.6
0832-M12	0.7	M12×1.75	15	30	43.5	76	12	119.5	40	37	0.6
0832-M14	1.25	M14×2.0	20	30	43.5	76	12	119.5	40	37	0.6
0832-M16	1.5	M16×2.0	20	30	43.5	76	12	119.5	40	37	0.6
0832-M18	2	M18×2.5	25	40	67	128	20	195	70	64.3	3.2
0832-M20	2.5	M20×2.5	25	40	67	128	20	195	70	64.3	3.2
0832-M22	2.5	M22×2.5	25	40	67	128	20	195	70	64.3	3.2
0832-M24	4	M24×3.0	30	40	67	128	20	195	70	64.3	3.2
0832-M30	6	M30×3.5	40	51	95	164	22	259	79	74	5.3
0832-M33	7.5	M33×3.5	40	51	95	164	22	259	79	74	5.3
0832-M36	10	M36×4.0	45	51	95	164	22	259	79	74	5.3
0832-M39	10	M39×4.0	45	51	95	164	22	259	79	74	5.3
0832-M42	13	M42×4.5	63	65	108	190.5	26	298.5	93	85	8.7
0832-M45	13	M45×4.5	68	65	108	198.5	26	306.5	93	85	8.7
0832-M48	14	M48×5.0	68	65	108	198.5	26	306.5	93	85	8.7
0832-M56	20	M56×5.5	84	70	120	254	32	374	105	95	14
0832-M60	20	M60×5.5	90	70	120	261	32	381	105	95	14
0832-M64	20	M64×6.0	95	70	120	267	32	387	105	95	14
0832-M72	31.5	M72×6.0	108	90	138	347	48	485	169	155	47
0832-M80	35	M80×6.0	120	90	138	352	48	490	169	155	48
0832-M90	40	M90×6.0	135	90	138	388	48	526	169	155	51
0832-M100	40	M100×6.0	135	90	138	388	48	526	169	155	50

★ safety factor: 4:1,B=Big size, S=Small size

Available on demand for choose of standard metric thread, metric fine thread, UNC,UNF thread, BSW(British standard Whitworth thread) and so on.

⚠WARNING

Do not overload use and Install the base of the hoist ring flush to the mounting surface.

LIFTING POINT

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081

360° Rotated 180° Pivot

The lifting ring body can rotate in the direction of force to adjust the angle of force.

4:1 Safety Factor

The link ring can automatically adjust the force angle with the stretching direction.Working tensile is the same in any direction, safety factor is 4:1.

Complete Specifications

Different kinds of thread are available, wide range of WLL load (M8-M64, 0.3T-22.5T); the available thread including: Metric thread, Metric fine thread,UNC thread, UNF thread, BSW thread and so on.

Electrostatic Coating

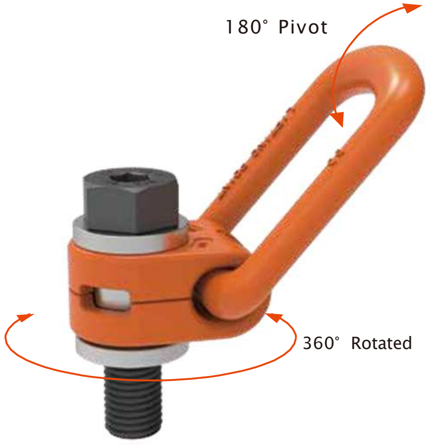
Lifting points are made of alloy steel precision forging, with a tensile strength greater than 1080Mpa after quenching and tempering. The surface of the lifting ring is electrostatic coating to improve its anti-corrosion ability.

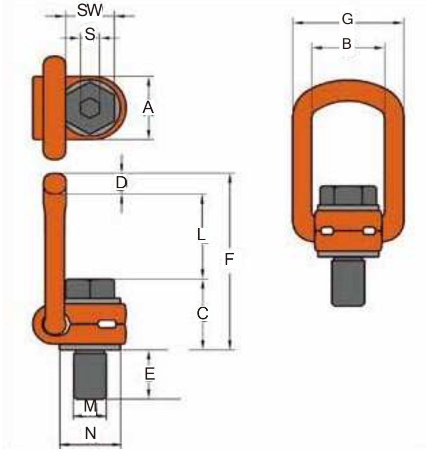
Go/No Go Gauge Inspection

After passing the inspection with a 6g go/no go gauge, it is suitable for precision threaded holes.

Easy Installation

The internal space of the ring body is large and can be connected to various lifting tools and hooks. The ring body is equipped with a built-in positioning circlip device, making it more convenient to control any angle. The outer hexagonal+inner hexagonal design is convenient and fast for installation.





Metric Thread

ITEM NO.	WLL/T	Thread M	Dimensions / mm											Nm	Weight Kg
			E	A	B	C	D	F	G	L	N	S	SW		
081-M8	0.3	M8×1.25	11	34	37	42	14	98.5	57	42.5	31	6	13	10-40	0.5
081-M10	0.63	M10×1.5	16	34	37	44	14	98.5	57	40.5	31	6	16	10-40	0.5
081-M12	1	M12×1.75	18	34	37	45	14	98.5	57	39.5	31	8	18	15-40	0.5
081-M14	1.2	M14×2.0	21	34	37	48	14	98.5	57	36.5	31	10	24	30-100	0.5
081-M16	1.5	M16×2.0	24	34	37	48	14	98.5	57	36.5	31	10	24	45-130	0.5
081-M18	2	M18×2.5	26	50	54	58	16.5	143	82	68.5	45	12	30	100-170	1.5
081-M20	2.5	M20×2.5	30	50	54	58	16.5	143	82	68.5	45	12	30	100-170	1.5
081-M22	3	M22×2.5	30	50	54	61	16.5	143	82	65.5	45	14	36	100-170	1.5
081-M24	4	M24×3.0	36	50	54	61	16.5	143	82	65.5	45	14	36	190-280	1.5
081-M27	4	M27×3.0	38	60	65	82	22	170	99	66	59	17	46	250-500	3
081-M30	5	M30×3.5	48	60	65	82	22	170	99	66	59	17	46	270-600	3.5
081-M33	6	M33×3.5	54	60	65	85	22	170	99	63	59.5	22	55	270-600	3.5
081-M36S	7	M36×4.0	54	60	65	85	22	170	99	63	59.5	22	55	270-600	3.5
081-M36B	8	M36×4.0	62	77	85	104	27	226.5	123	95.5	69	22	55	270-600	6
081-M39	8	M39×4.0	62	77	85	104	27	226.5	123	95.5	69	22	55	350-800	6
081-M42S	10	M42×4.5	72	77	85	106	27	226.5	123	93.5	69	22	65	350-800	6.5
081-M42B	15	M42×4.5	63	95	104	117	36	257.5	158	104.5	98	22	65	350-800	11
081-M45	15	M45×4.5	63	95	104	117	36	257.5	158	104.5	98	22	65	350-800	11
081-M48	20	M48×5.0	72	95	104	120	36	257.5	158	101.5	98	27	75	350-800	12
081-M52	20	M52×5.0	72	95	104	117	36	257.5	158	101.5	98	27	75	350-900	12
081-M56	22	M56×5.5	84	95	104	117	36	257.5	158	104.5	98	27	85	350-900	15
081-M64	22.5	M64×6.0	100	114	104	138	36	266	158	92	109	32	95	500-1000	16.3

★ safety factor: 4:1, B=Big size, S= Small size

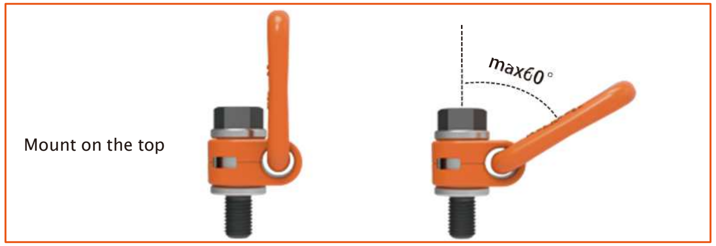
Available on demand for choose of standard metric thread, metric fine thread, UNC,UNF thread, BSW (British standard Whitworth thread) and so on.

⚠WARNING

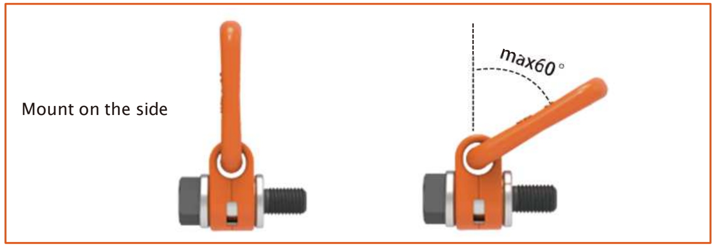
Do not overload use and install the base of the hoist ring flush to the mounting surface.

PRODUCT PARAMETERS

load style



Mount on the top



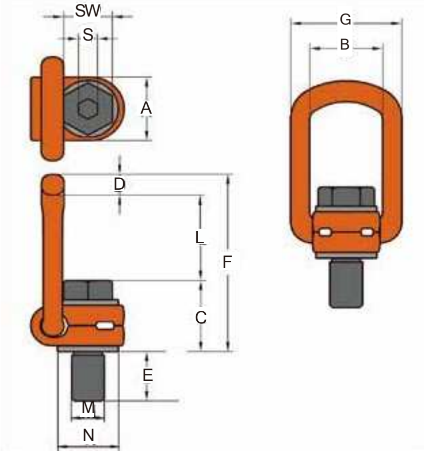
Mount on the side

Load style		G	G	G	G	G		G	G		G
Number of pieces		1	2	1	2	2		2	3-4		3-4
Inclination angle		0°	0°	90°	90°	0-45°	45-60°	Asymmetry	0-45°	45-60°	Asymmetry
ITEM NO.	Thread M	WLL / T									
081-M8	8	0.3	0.6	0.3	0.6	0.42	0.3	0.3	0.63	0.45	0.3
081-M10	10	0.63	1.26	0.63	1.26	0.88	0.63	0.63	1.32	0.95	0.63
081-M12	12	1	2	1	2	1.4	1	1	2.1	1.5	1
081-M14	14	1.2	2.4	1.2	2.4	1.7	1.2	1.2	2.5	1.8	1.2
081-M16	16	1.5	3	1.5	3	2.1	1.5	1.5	3.1	2.2	1.5
081-M18	18	2	4	2	4	2.8	2	2	4.2	3	2
081-M20	20	2.5	5	2.5	5	3.5	2.5	2.5	5.2	3.7	2.5
081-M22	22	3	6	3	6	4.2	3	3	6.3	4.5	3
081-M24	24	4	8	4	8	5.6	4	4	8.4	6	4
081-M27	27	4	8	4	8	5.6	4	4	8.4	6	4
081-M30	30	5	10	5	10	7	5	5	10.5	7.5	5
081-M33	33	6	12	6	12	8.5	6	6	12.7	9	6
081-M36S	36	7	14	7	14	9.8	7	7	14.7	10.5	7
081-M36B	36	8	16	8	16	11.2	8	8	16.8	12	8
081-M39	39	8	16	8	16	11.2	8	8	16.8	12	8
081-M42S	42	10	20	10	20	14	10	10	21	15	10
081-M42B	42	15	30	15	30	21	15	15	31.5	22.5	15
081-M45	45	15	30	15	30	21	15	15	31.5	22.5	15
081-M48	48	20	40	20	40	28	20	20	42	30	20
081-M52	52	20	40	20	40	28	20	20	42	30	20
081-M56	56	22	44	22	44	30.8	22	22	46.2	33	22
081-M64	64	22.5	45	22.5	45	31.5	22.5	22.5	47.25	33.75	22.5

⚠WARNING

Do not overload use and install the base of the hoist ring flush to the mounting surface.

PRODUCT PARAMETERS



Unc Thread

ITEM NO.	WLL/T	Thread		Dimensions / mm											Nm	Weight Kg
		M	TPI	E	A	B	C	D	F	G	L	N	S	SW		
081-3/8	0.63	3/8	16	16	34	37	43	14	98.5	57	41.5	31	6	16	10-40	0.5
081-1/2	1	1/2	13	21	34	37	45	14	98.5	57	36.5	31	8	18	15-40	0.5
081-5/8	1.5	5/8	11	24	34	37	48	14	98.5	57	36.5	31	10	24	45-130	0.5
081-3/4	2.5	3/4	10	26	50	54	58	16.5	143	82	68.5	45	12	30	45-130	1.5
081-7/8	2.5	7/8	9	30	50	54	61	16.5	143	82	68.5	45	14	36	100-170	1.5
081-1	4	1	8	36	50	54	61	16.5	143	82	65.5	45	14	36	190-280	1.5
081-1-1/4	5	1-1/4	7	48	60	65	80	22	174	99	72	59.5	17	46	270-600	3.5
081-1-1/2	8	1-1/2	6	62	77	85	104	27	226.5	123	95.5	69	22	55	270-600	6
081-1-3/4	15	1-3/4	5	63	95	104	116	36	257.5	158	105.5	98	22	65	350-800	11
081-2	20	2	4.5	72	95	104	112	36	257.5	158	109.5	98	27	75	350-800	12

★ Factor of safety 4: 1; Bolt length and thread specification can be made according to requirements

★ Factor of safety 4: 1; Bolt length and thread specification can be made according to requirements

⚠WARNING

Load style		G	G	G	G	G		G	G		G
Number of pieces		1	2	1	2	2		2	3-4		3-4
Inclination angle		0°	0°	90°	90°	0-45°	45-60°	Asymmetry	0-45°	45-60°	Asymmetry
ITEM NO.	Thread M	WLL / T									
081-3/8	3/8	0.63	1.26	0.63	1.26	0.88	0.63	0.63	1.32	0.95	0.63
081-1/2	1/2	1	2	1	2	1.4	1	1	2.1	1.5	1
081-5/8	5/8	1.5	3	1.5	3	2.1	1.5	1.5	3.1	2.2	1.5
081-3/4	3/4	2.5	5	2.5	5	3.5	2.5	2.5	5.2	3.7	2.5
081-7/8	7/8	2.5	5	2.5	5	3.5	2.5	2.5	5.2	3.7	2.5
081-1	1	4	8	4	8	5.6	4	4	8.4	6	4
081-1-1/4	1-1/4	5	10	5	10	7	5	5	10.5	7.5	5
081-1-1/2	1-1/2	8	16	8	16	11.2	8	8	16.8	12	8
081-1-3/4	1-3/4	15	30	15	30	21	15	15	31.5	22.5	15
081-2	2	20	40	20	40	28	20	20	42	30	20

⚠WARNING

PRODUCT PARAMETERS

BRIEF INTRODUCTION

The overall material is duplex stainless steel DSS, with good corrosion resistance and mechanical properties.

It has long-term stability in marine environments and environments with high chloride ions.

Suitable for permanent outdoor working environments.

The SA fall arrest anchor point shall be connected to a high altitude safety belt for high altitude work.

With 360° rotation, the ring body can be automatically adjusted with the stretching direction.

With only one bolt connection, installation is convenient and fast.

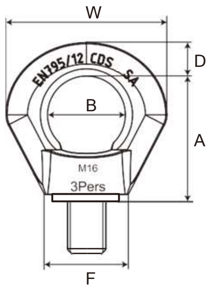
Available in various lengths of bolts, also suitable for deep and through holes.

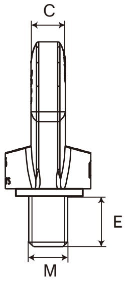
The hexagonal bolt design allows easy installation of the lifting point on the lifted object through a wrench.

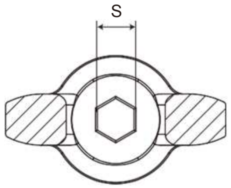
Hexagonal bolt
fast installation

360 degree
Rotation

Mark
3 persons







Duplex Stainless Steel Eye Bolt

MODEL	NUMBER	Dimensions / mm									Weight Kg
		M	E	A	B	C	D	F	W	S	
SA-12	3	M12X1.75	18	50	35	14	14	35	67	10	0.3
SA-16	3	M16X2	24	50	35	14	14	35	67	10	0.3

★ The bolt length can be customized.

⚠WARNING

Do not overload use and Install the base of the hoist ring flush to the mounting surface.

Project
INTERNATIONAL

KEY EYE POINT

—

094

Equipped With A Locking Wrench

360° Rotated

Equipped with a locking wrench, it is easy to install after locking, and the lifting ring can rotate after loosening.

4:1 Safety Factor

The link ring can automatically adjust the force angle with the stretching direction.Working tensile is the same in any direction, safety factor is 4:1.

Complete Specifications

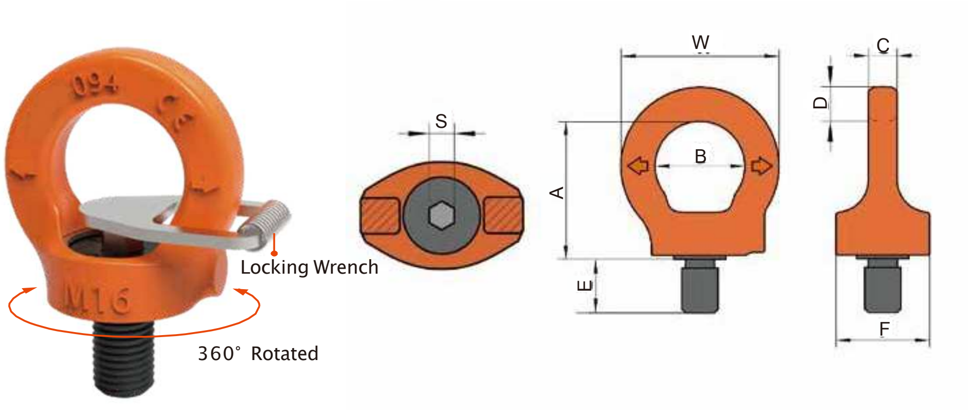
Different kinds of thread are available, wide range of WLL load (M8-M48, 0.3T-12T); the available thread including: Metric thread, Metric fine thread,UNC thread, UNF thread, BSW thread and so on.

Go/No Go Gauge Inspection

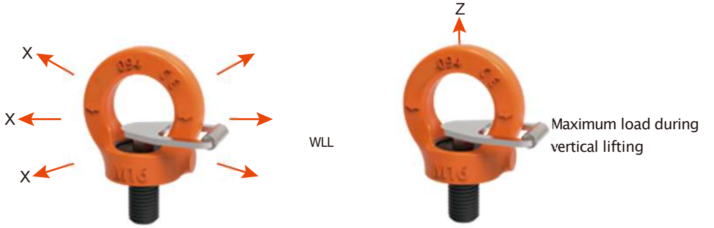
After passing the inspection with a 6g go/no go gauge, it is suitable for precision threaded holes.

Electrostatic Coating

Lifting points are made of alloy steel precision forging, with a tensile strength greater than 1080Mpa after quenching and tempering. The surface of the lifting ring is electrostatic coating to improve its anti-corrosion ability.



load direction



Metric Thread

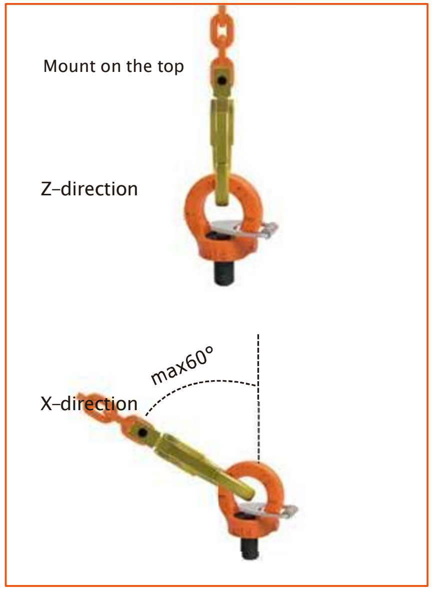
ITEM NO.	WLL/T	Thread M	Dimensions / mm								Nm	Weight Kg
			E	A	B	C	D	F	W	S		
094-M8	0.3	M8×1.25	12	40	25	8	9.5	26	44	6	10-40	0.15
094-M10	0.4	M10×1.5	15	40	25	8	9.5	26	44	6	10-40	0.15
094-M12	0.75	M12×1.75	18	47	30	10	11	32	52	8	15-40	0.2
094-M14	0.75	M14×2.0	18	47	30	10	11	32	52	8	30-100	0.2
094-M16	1.5	M16×2.0	24	54	35	14	13	39	61	10	45-130	0.35
094-M18	1.5	M18×2.5	24	54	35	14	13	39	61	10	100-170	0.35
094-M20	2.3	M20×2.5	30	63	40	16	15	47	70	12	100-170	0.6
094-M22	2.3	M22×2.5	30	63	40	16	15	47	70	12	100-170	0.6
094-M24	3.2	M24×3.0	36	73	48	19	18	55	84	14	190-280	1
094-M27	3.2	M27×3.0	36	73	48	19	18	55	84	14	250-500	1
094-M30	4.5	M30×3.5	45	91.5	60	24	22.5	67	105	17	270-600	2
094-M33	4.5	M33×3.5	45	91.5	60	24	22.5	67	105	17	270-600	2
094-M36	7	M36×4.0	54	114	72	29	27	85	126	22	270-600	3
094-M42	9	M42×4.5	63	130	82	34	32.5	98	147	22	350-800	5
094-M48	12	M48×5.0	72	151	96	38	36	114	168	27	350-800	7.5

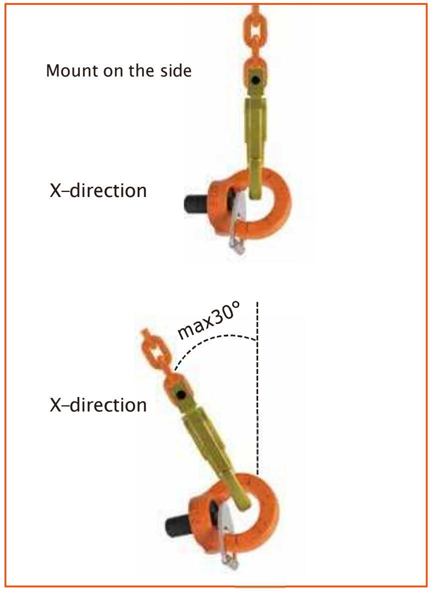
★ Factor of safety 4: 1; Bolt length and thread specification can be made according to requirements

WARNING
Do not overload use and install the base of the hoist ring flush to the mounting surface.

PRODUCT PARAMETERS

load style

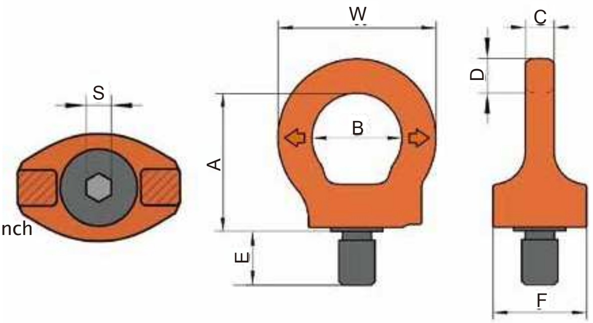


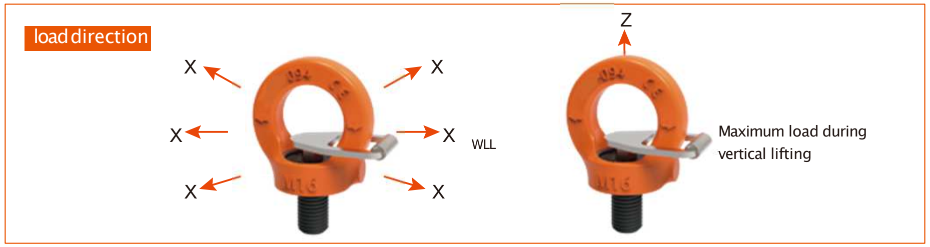


Load style											
Number of pieces		1	2	1	2	2		2	3-4		3-4
Inclination angle		0°	0°	90°	90°	0-45°	45-60°	Asymmetry	0-45°	45-60°	Asymmetry
ITEM NO.	Thread M	WLL / T									
094-M8	8	1	2	0.3	0.6	0.42	0.3	0.3	0.63	0.45	0.3
094-M10	10	1	2	0.4	0.8	0.56	0.4	0.4	0.8	0.6	0.4
094-M12	12	2	4	0.75	1.5	1	0.75	0.75	1.5	1.1	0.75
094-M14	14	2	4	0.75	1.5	1	0.75	0.75	1.5	1.1	0.75
094-M16	16	4	8	1.5	3	2.1	1.5	1.5	3.1	2.2	1.5
094-M18	18	4	8	1.5	3	2.1	1.5	1.5	3.1	2.2	1.5
094-M20	20	6	12	2.3	4.6	3.2	2.3	2.3	4.8	3.4	2.3
094-M22	22	6	12	2.3	4.6	3.2	2.3	2.3	4.8	3.4	2.3
094-M24	24	8	16	3.2	6.4	4.5	3.2	3.2	6.7	4.8	3.2
094-M27	27	8	16	3.2	6.4	4.5	3.2	3.2	6.7	4.8	3.2
094-M30	30	12	24	4.5	9	6.3	4.5	4.5	9.4	6.7	4.5
094-M33	33	12	24	4.5	9	6.3	4.5	4.5	9.4	6.7	4.5
094-M36	36	16	32	7	14	9.8	7	7	14.7	10.5	7
094-M42	42	24	48	9	18	12.6	9	9	18.9	13.5	9
094-M48	48	32	64	12	24	16.8	12	12	25	18	12

WARNING
Do not overload use and install the base of the hoist ring flush to the mounting surface.

PRODUCT PARAMETERS





Unc Thread

ITEM NO.	WLL/T	Thread		Dimensions / mm								Nm	Weight Kg
		M	TPI	E	A	B	C	D	F	W	S		
094-3/8	0.4	3/8	16	15	40	25	8	9.5	26	44	6	10-40	0.15
094-1/2	0.75	1/2	13	18	47	30	10	11	32	52	8	15-40	0.2
094-5/8	1.5	5/8	11	24	54	35	14	13	39	61	10	45-130	0.35
094-3/4	2.3	3/4	10	30	63	40	16	15	47	70	12	45-130	0.6
094-7/8	2.3	7/8	9	30	63	40	16	15	47	70	12	100-170	0.6
094-1	3.2	1	8	36	73	48	19	18	55	84	14	190-280	1
094-1-1/4	4.5	1-1/4	7	45	91.5	60	24	22.5	67	105	17	270-600	2
094-1-1/2	7	1-1/2	6	54	114	72	29	27	85	126	22	270-600	3
094-1-3/4	9	1-3/4	5	63	130	82	34	32.5	98	147	22	350-800	5
094-2	12	2	4.5	72	151	96	38	36	114	168	27	350-800	7.5

★ Factor of safety 4: 1; Bolt length and thread specification can be made according to requirements

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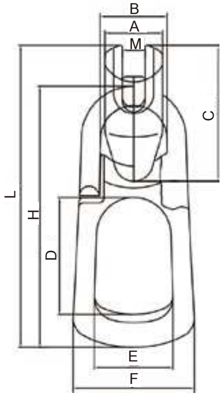
Fit out key wrench for easy mount the lifting point on object

Mount on the top

Mount on the side

Load style											
Number of pieces		1	2	1	2	2		2	3-4		3-4
Inclination angle		0°	0°	90°	90°	0-45°	45-60°	Asymmetry	0-45°	45-60°	Asymmetry
ITEM NO.	Thread M	WLL / T									
094-3/8	3/8	1	2	0.4	0.8	0.56	0.4	0.4	0.8	0.6	0.4
094-1/2	1/2	2	4	0.75	1.5	1	0.75	0.75	1.5	1.1	0.75
094-5/8	5/8	4	8	1.5	3	2.1	1.5	1.5	3.1	2.2	1.5
094-3/4	3/4	6	12	2.3	4.6	3.2	2.3	2.3	4.8	3.4	2.3
094-7/8	7/8	6	12	2.3	4.6	3.2	2.3	2.3	4.8	3.4	2.3
094-1	1	8	16	3.2	6.4	4.5	3.2	3.2	6.7	4.8	3.2
094-1-1/4	1-1/4	12	24	4.5	9	6.3	4.5	4.5	9.4	6.7	4.5
094-1-1/2	1-1/2	16	32	7	14	9.8	7	7	14.7	10.5	7
094-1-3/4	1-3/4	24	48	9	18	12.6	9	9	18.9	13.5	9
094-2	2	32	64	12	24	16.8	12	12	25	18	12

PRODUCT PARAMETERS



Concrete Precast Element Lifting

ITEM NO.	WLL/T	Dimensions / mm									Weight Kg
		A±1	B±1	C±2	D±1	E±1	F±1	H±1	M±2	L±2	
095-1-1.3	1.3	33	42	80.4	70.5	45	73	160	11	186	0.89
095-1.5-2.5	2.5	41	49	102	85	57	88	188	16	227	1.3
095-3-5	5	55	70	133	88	69	110	242	22	282	3.65
095-6-10	10	73	92	176	116	83	161	342	30	391	10.01
095-12-20	20	110	114.5	224	133.5	107.5	182	437	42	497	20.37
095-12-32	32	154	172	307	189	164	272	560	52	661	46.5

★ Factor of safety 4: 1

⚠WARNING

Do not overload use and install the base of the hoist ring flush to the mounting surface.

YDS SWIVEL HOIST RING

—

S

360° Rotated 180° Pivot

The lifting ring body can rotate in the direction of force to adjust the angle of force.

4:1 Safety Factor

The link ring can automatically adjust the force angle with the stretching direction.Working tensile is the same in any direction, safety factor is 4:1.

Complete Specifications

Different kinds of thread are available, wide range of WLL load (M8-M100, 0.5T-50T); the available thread including: Metric thread, Metric fine thread,UNC thread, UNF thread, BSW thread and so on.

High strength

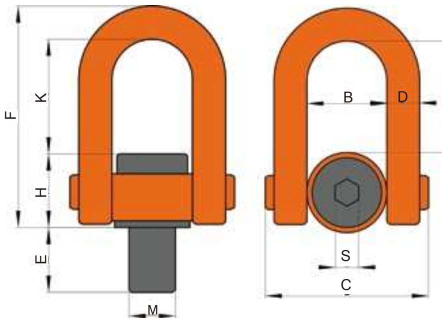
Lifting points are made of alloy steel precision forging, with a tensile strength greater than 1080Mpa after quenching and tempering. The rotating base adopts an integrated design, forged as a whole, and has high strength.

Go/No Go Gauge Inspection

After passing the inspection with a 6g go/no go gauge, it is suitable for precision threaded holes.

Easy Installation

The design of base hexagon, which make hoist ring to be fastening installed mount-ing object.



Metric Thread

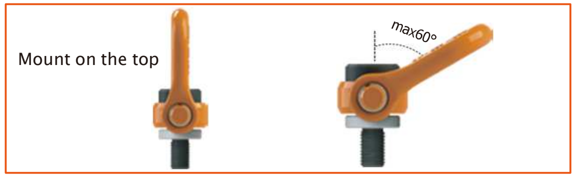
ITEM NO.	WLL/T	Thread M	Dimensions / mm									Nm	Weight Kg
			E	A ± 3	B ± 3	C	D	F	K ± 3	H	S		
S-M8	0.5	M 8×1.25	12	50.5	37	76	14	101.5	49.5	38	8	10-40	0.8
S-M10	0.7	M10×1.5	16	50.5	37	76	14	101.5	49.5	38	8	10-40	0.8
S-M12	1	M12×1.75	18	50.5	37	76	14	101.5	49.5	38	8	15-40	0.8
S-M14	1.5	M14×2.0	21	50.5	37	76	14	101.5	49.5	38	8	30-100	0.8
S-M16	2	M16×2.0	24	50.5	37	76	14	101.5	49.5	38	8	45-130	0.8
S-M18	2.5	M18×2.5	40	74.5	54	105	20	145	77	48	12	100-170	1.9
S-M20	3	M20×2.5	40	74.5	54	105	20	145	77	48	12	100-170	2
S-M22	3	M22×2.5	40	74.5	54	105	20	145	77	48	12	100-170	2.1
S-M24	4.5	M24×3.0	40	74.5	54	105	20	145	77	48	12	190-280	2.5
S-M27	5	M27×3.0	40	98.5	73	146	30	201.5	103.5	68	17	250-500	5.5
S-M30	7.3	M30×3.5	45	98.5	73	146	30	201.5	103.5	68	17	270-600	5.5
S-M33	8	M33×3.5	50	98.5	73	146	30	201.5	103.5	68	17	270-600	5.5
S-M36	10	M36×4.0	54	98.5	73	146	30	201.5	103.5	68	17	270-600	5.5
S-M39	10	M39×4.0	58	98.5	73	146	30	201.5	103.5	68	17	350-800	6
S-M42	12.5	M42×4.5	63	98.5	73	146	30	201.5	103.5	68	17	350-800	6
S-M45	15	M45×4.5	63	98.5	73	146	30	201.5	103.5	68	17	350-800	6
S-M48S	16	M48×5.0	63	98.5	73	146	30	201.5	101.5	70	17	350-800	6.5
S-M48B	20	M48×5.0	68	120	93	182	36	249	125	84	19	350-800	11.5
S-M52	20	M52×5.0	68	120	93	182	36	249	125	84	19	350-900	12
S-M56	25	M56×5.5	78	120	93	182	36	249	125	84	19	350-900	12
S-M60	25	M60×5.5	90	120	93	182	36	253	125	88	19	350-600	13
S-M64S	32	M64×6.0	90	120	93	182	36	253	125	88	19	500-1000	13
S-M64B	33	M64×6.0	100	185	144	280	58	395	195	136	36	500-1000	42
S-M72X4	35	M72×4.0	110	185	144	280	58	395	195	136	36	500-1200	43
S-M72X6	35	M72×6.0	110	185	144	280	58	395	195	136	36	500-1200	43
S-M80	40	M80×6.0	120	185	144	280	58	395	195	136	36	500-1200	44.5
S-M90	45	M90×6.0	135	185	144	280	58	395	195	136	36	500-1500	46.5
S-M100	50	M100×6.0	150	185	144	280	58	395	195	136	36	500-1700	49

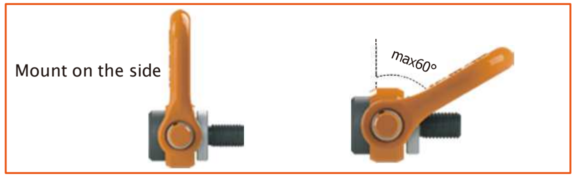
★ safety factor: 4:1, B=Big size, S= Small size
Available on demand for choose of standard metric thread, metric fine thread, UNC,UNF thread, BSW (British standard Whitworth thread) and so on.

⚠WARNING
Do not overload use and install the base of the hoist ring flush to the mounting surface.

PRODUCT PARAMETERS

load

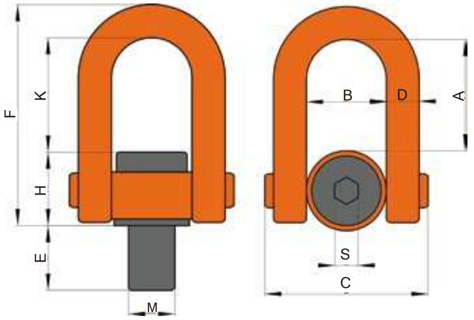




Load style											
Number of pieces		1	2	1	2	2		2	3-4		3-4
Inclination angle		0°	0°	90°	90°	0-45°	45-60°	Asymmetry	0-45°	45-60°	Asymmetry
ITEM NO.	Thread M	WLL / T									
S-M8	8	0.5	1	0.5	1	0.7	0.5	0.5	1.1	0.8	0.5
S-M10	10	0.7	1.4	0.7	1.4	1	0.7	0.7	1.5	1.1	0.7
S-M12	12	1	2	1	2	1.4	1	1	2.1	1.5	1
S-M14	14	1.5	3	1.5	3	2.1	1.5	1.5	3.15	2.3	1.5
S-M16	16	2	4	2	4	2.8	2	2	4.2	3	2
S-M18	18	2.5	5	2.5	5	3.5	2.5	2.5	5.25	3.75	2.5
S-M20	20	3	6	3	6	4.2	3	3	6.3	4.5	3
S-M22	22	3	6	3	6	4.2	3	3	6.3	4.5	3
S-M24	24	4.5	9	4.5	9	6.3	4.5	4.5	9.45	6.8	4.5
S-M27	27	5	10	5	10	7	5	5	10.5	7.5	5
S-M30	30	7.3	14.6	7.3	14.6	10.2	7.3	7.3	15.3	11	7.3
S-M33	33	8	16	8	16	11.2	8	8	16.8	12	8
S-M36	36	10	20	10	20	14	10	10	21	15	10
S-M39	39	10	20	10	20	14	10	10	21	15	10
S-M42	42	12.5	25	12.5	25	17.5	12.5	12.5	26.3	18.8	12.5
S-M45	45	15	30	15	30	21	15	15	31.5	22.5	15
S-M48S	48	16	32	16	32	22.4	16	16	33.5	24	16
S-M48B	48	20	40	20	40	28	20	20	42	30	20
S-M52	52	20	40	20	40	28	20	20	42	30	20
S-M56	56	25	50	25	50	35	25	25	53	37.5	25
S-M60	60	25	50	25	50	35	25	25	52.5	37.5	25
S-M64S	64	32	64	32	64	45	32	32	67	48	32
S-M64B	64	33	66	33	66	46.2	33	33	69.3	49.5	33
S-M72X4	72	35	70	35	70	49	35	35	73.5	52.5	35
S-M72X6	72	35	70	35	70	49	35	35	73.5	52.5	35
S-M80	80	40	80	40	80	56	40	40	84	60	40
S-M90	90	45	90	45	90	63	45	45	94.5	67.5	45
S-M100	100	50	100	50	100	70	50	50	105	75	50

⚠WARNING
Do not overload use and install the base of the hoist ring flush to the mounting surface.

PRODUCT PARAMETERS



Unc Thread

ITEM NO.	WLL/T	Thread		Dimensions / mm									Nm	Weight Kg
		M	TPI	E	A ± 3	B ± 3	C	D	F	K ± 3	H	S		
S-3/8	0.7	3/8	16	16	50.5	37	76	14	101.5	49.5	38	8	10-40	0.8
S-1/2	1.5	1/2	13	21	50.5	37	76	14	101.5	49.5	38	8	15-40	0.8
S-5/8	2	5/8	11	24	50.5	37	76	14	101.5	49.5	38	8	45-130	0.8
S-3/4	3	3/4	10	40	74.5	54	105	20	145	77	48	12	45-130	2
S-7/8	3	7/8	9	40	74.5	54	105	20	145	77	48	12	100-170	2.1
S-1	4.5	1	8	40	74.5	54	105	20	145	77	48	12	190-280	2.5
S-1-1/4	8	1-1/4	7	45	98.5	73	146	30	201.5	103.5	68	17	270-600	5.5
S-1-1/2	10	1-1/2	6	54	98.5	73	146	30	201.5	103.5	68	17	270-600	5.5
S-1-3/4	15	1-3/4	5	63	98.5	73	146	30	201.5	103.5	68	17	350-800	6
S-2	20	2	4.5	68	120	93	182	36	249	125	84	19	350-800	12
S-2-1/4	25	2-1/4	4.5	78	120	93	182	36	249	125	84	19	350-900	12
S-2-1/2	32	2-1/2	4	90	120	93	182	36	253	125	88	19	500-1400	13
S-2-3/4	33	2-3/4	4	110	185	144	280	58	395	195	136	36	500-1400	42.5
S-3	35	3-4	4	120	185	144	280	58	395	195	136	36	7000	43.5

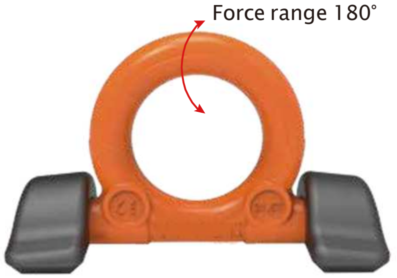
★ Factor of safety 4: 1; Bolt length and thread specification can be made according to requirements

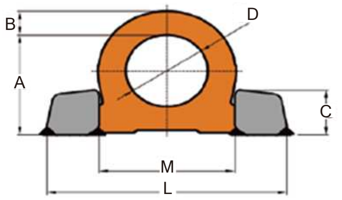
Application Cases

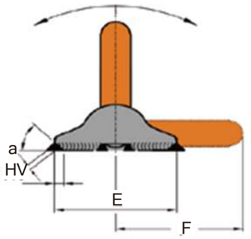
Extend the bolt length according to customer requirements

Load style		G	G	G	G	G		G	G		G
Number of pieces		1	2	1	2	2		2	3-4		3-4
Inclination angle		0°	0°	90°	90°	0-45°	45-60°	Asymmetry	0-45°	45-60°	Asymmetry
ITEM NO.	Thread M	WLL / T									
S-3/8	3/8	0.7	1.4	0.7	1.4	1	0.7	0.7	1.5	1.1	0.7
S-1/2	1/2	1.5	3	1.5	3	2.1	1.5	1.5	3.15	2.3	1.5
S-5/8	5/8	2	4	2	4	2.8	2	2	4.2	3	2
S-3/4	3/4	3	6	3	6	4.2	3	3	6.3	4.5	3
S-7/8	7/8	3	6	3	6	4.2	3	3	6.3	4.5	3
S-1	1	4.5	9	4.5	9	6.3	4.5	4.5	9.45	6.8	4.5
S-1-1/4	1-1/4	8	16	8	16	11.2	8	8	16.8	12	8
S-1-1/2	1-1/2	10	20	10	20	14	10	10	21	15	10
S-1-3/4	1-3/4	15	30	15	30	21	15	15	31.5	22.5	15
S-2	2	20	40	20	40	28	20	20	42	30	20
S-2-1/4	2-1/4	25	50	25	50	35	25	25	53	37.5	25
S-2-1/2	2-1/2	32	64	32	64	45	32	32	67	48	32
S-2-3/4	2-3/4	33	66	33	66	46.2	33	33	69.3	49.5	33
S-3	3	35	70	35	70	49	35	35	73.5	52.5	35

PRODUCT PARAMETERS







WELDED LIFTING LUG

ITEM NO.	WLL/T	Dimensions / mm										Weight Kg
		A	B	C	D	E	F	L	M	HV	a	
092-04	4	66	14	30	48	65	70	135	76	5	3	0.6
092-06	6.7	85	20	39	60	89	91	171	98	5	3	1.5
092-10	10	95	21	46	65	100	100	196	106	7	4	2.4
092-16	16	127	30	57	90	130	136	263	149	8	4	5.5
092-30	31.5	178	42	78	130	160	160	375	213	15	4	15.8

★ Factor of safety 4: 1;

Welding instructions: Welding operations must be carried out by qualified welding personnel in accordance with EN 287 or AWS specifications

Safety Information

Load style

Number of pieces		1	2	1	2	2		2	3-4		3-4
Inclination angle		0°	0°	90°	90°	0-45°	45-60°	Asymmetry	0-45°	45-60°	Asymmetry
ITEM NO.	SIZE	WLL / T									
092-04	4T	4	8	4	8	5.6	4	4	8.4	6	4
092-06	6.7T	6.7	13.4	6.7	13.4	9.4	6.7	6.7	14.1	10.05	6.7
092-10	10T	10	20	10	20	14	10	10	21.0	15	10
092-16	16T	16	32	16	32	22.4	16	16	33.6	24	16
092-30	31.5T	31.5	63	31.5	63	44.1	31.5	31.5	66.2	47.25	31.5

HEAVY DUTY LIFTING POINT

— 082

360° Rotated 180° Pivot

The lifting ring body can rotate in the direction of force to adjust the angle of force.

4:1 Safety Factor

The link ring can automatically adjust the force angle with the stretching direction.Working tensile is the same in any direction, safety factor is 4:1.

Complete Specifications

Different kinds of thread are available, wide range of WLL load (M8-M64, 0.5T-22.5T); the available thread including: Metric thread, Metric fine thread,UNC thread, UNF thread, BSW thread and so on.

High strength

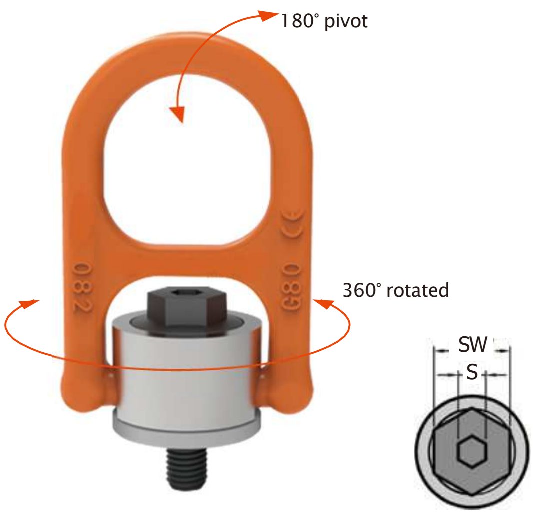
Lifting points are made of alloy steel precision forging, with a tensile strength greater than 1080Mpa after quenching and tempering. The rotating base adopts an integrated design, forged as a whole, and has high strength.

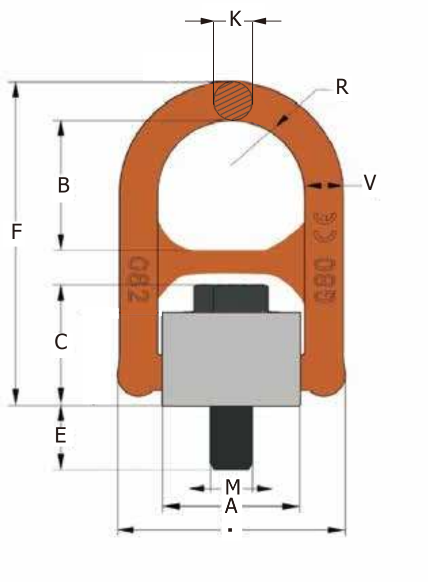
Go/No Go Gauge Inspection

After passing the inspection with a 6g go/no go gauge, it is suitable for precision threaded holes.

Easy Installation

The outer hexagonal+inner hexagonal design is convenient and fast for installation.





Metric Thread

ITEM NO.	WLL/T	Thread M	Dimensions / mm											Nm	Weight Kg
			E	A	B	C	F	→	V	R	S	SW	K		
082-M8	0.5	M8×1.25	12	33	35	30	86	56	10	17.5	6	13	10	10-40	0.3
082-M10	0.7	M10×1.5	15	33	35	30	86	56	10	17.5	6	13	10	10-40	0.3
082-M12	1	M12×1.75	20	33	35	30	86	56	10	17.5	6	13	10	15-40	0.3
082-M14	1.5	M14×2.0	21	50	55	46	131	85	14	27	8	18	13	30-100	1
082-M16	2	M16×2.0	24	50	55	46	131	85	14	27	8	18	13	45-130	1
082-M18	2.5	M18×2.5	26	65	66	57	163	109	18	34.5	10	24	16	100-170	2
082-M20	3	M20×2.5	30	65	66	57	163	109	18	34.5	10	24	16	100-170	2
082-M24	5	M24×3.0	36	65	66	57	163	109	18	34.5	10	24	16	190-280	2
082-M27	5.6	M27×3.0	38	87	80	82.5	219	150	27	45.5	12	30	25	250-500	5.5
082-M30	7.8	M30×3.5	48	87	80	82.5	219	150	27	45.5	12	30	25	270-600	5.6
082-M36-S	9	M36×4.0	54	87	80	82.5	219	150	27	45.5	12	30	25	270-600	5.7
082-M36-B	12.5	M36×4.0	54	109	100	98	269	187	34	57	17	41	32	270-600	10.6
082-M42	15.6	M42×4.5	63	109	100	98	269	187	34	57	17	41	32	350-800	10.8
082-M48	20	M48×5.0	72	109	100	98	269	187	34	57	17	41	32	350-800	11
082-M56	22	M56×5.5	84	123	110	106	302	205	35	64.5	22	46	34	350-900	15.5
082-M64	22.5	M64×6.0	100	123	110	106	302	205	35	64.5	22	46	34	500-1000	16.3
082-M72	22.5	M72×6.0	110	123	110	105	302	205	35	64.5	27	75	34	500-1000	17.6

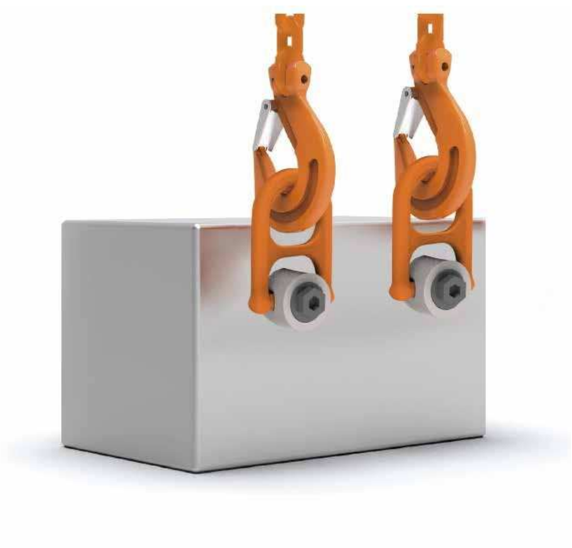
★ safety factor: 4:1,B=Big size, S=Small size

Available on demand for choose of standard metric thread, metric fine thread, UNC,UNF thread, BSW (British standard Whitworth thread) and so on.

⚠WARNING

Do not overload use and Install the base of the hoist ring flush to the mounting surface.

PRODUCT PARAMETERS

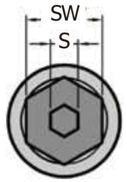


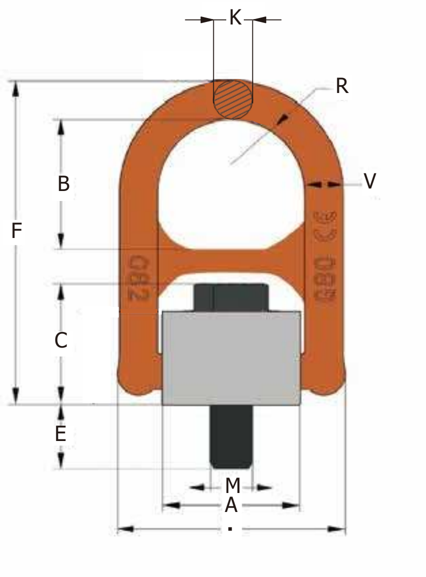
Load style											
Number of pieces		1	2	1	2	2		2	3-4		3-4
Inclination angle		0°	0°	90°	90°	0-45°	45-60°	Asymmetry	0-45°	45-60°	Asymmetry
ITEM NO.	Thread M	WLL / T									
082-M8	8	0.8	1.6	0.5	1	0.7	0.5	0.5	1.05	0.75	0.5
082-M10	10	1.2	2.4	0.7	1.4	0.98	0.7	0.7	1.47	1.05	0.7
082-M12	12	2	4	1	2	1.4	1	1	2.1	1.5	1
082-M14	14	2.4	4.8	1.5	3	2.1	1.5	1.5	3.15	2.25	1.5
082-M16	16	3.2	6.4	2	4	2.8	2	2	4.2	3	2
082-M18	18	5	10	2.5	5	3.5	2.5	2.5	5.25	3.75	2.5
082-M20	20	5.6	11.2	3	6	4.2	3	3	6.3	4.5	3
082-M24	24	9.2	18.4	5	10	7	5	5	10.5	7.5	5
082-M27	27	9.5	19	5.6	11.2	7.84	5.6	5.6	11.76	8.4	5.6
082-M30	30	12	24	7.8	15.6	10.92	7.8	7.8	16.38	11.7	7.8
082-M36-S	36S	12.5	25	9	18	12.6	9	9	18.9	13.5	9
082-M36-B	36B	14	28	12.5	25	17.5	12.5	12.5	26.25	18.75	12.5
082-M42	42	16	32	15.6	31.2	21.84	15.6	15.6	32.76	23.4	15.6
082-M48	48	20	40	20	40	28	20	20	42	30	20
082-M56	56	22	44	22	44	30.8	22	22	46.2	33	22
082-M64	64	22.5	45	22.5	45	31.5	22.5	22.5	47.25	33.75	22.5
082-M72	72	22.5	45	22.5	45	31.5	22.5	22.5	47.25	33.75	22.5

⚠WARNING

Do not overload use and Install the base of the hoist ring flush to the mounting surface.

PRODUCT PARAMETERS



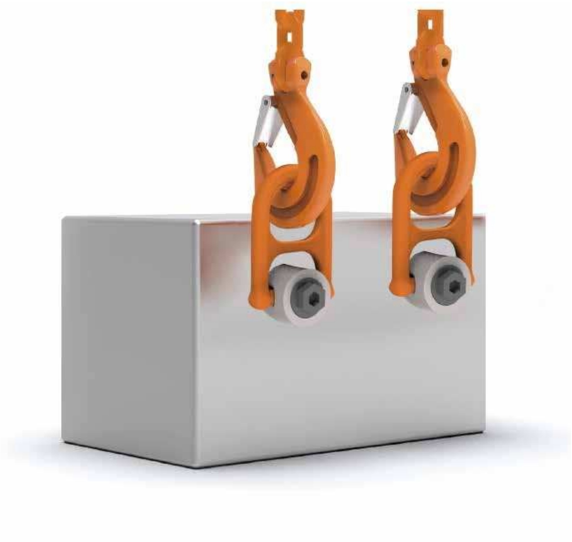


Unc Thread

ITEM NO.	WLL/T	Thread		Dimensions / mm											Nm	Weight Kg
		M	TPI	E	A	B	C	F	→	V	R	S	SW	K		
082-1/2	0.8	1/2	13	20	33	35	30	86	56	10	17.5	6	13	10	15-40	0.3
082-5/8	1.6	5/8	11	24	50	55	46	131	85	14	27	8	18	13	45-130	1
082-3/4	2.4	3/4	10	30	50	55	46	131	85	14	27	8	18	13	45-130	1
082-7/8	3	7/8	9	36	65	66	57	163	109	18	34.5	10	24	16	100-170	2
082-1	4	1	8	36	65	66	57	163	109	18	34.5	10	24	16	190-280	2
082-1 ¼	6.25	1-1/4	7	48	87	80	82.5	219	150	27	45.5	12	30	25	270-600	5.6
082-1 ½	10	1-1/2	6	54	109	100	98	269	187	34	57	17	41	32	270-600	10.6
082-2	16	2	4.5	84	123	110	106	302	205	35	64.5	22	46	34	350-900	15.5

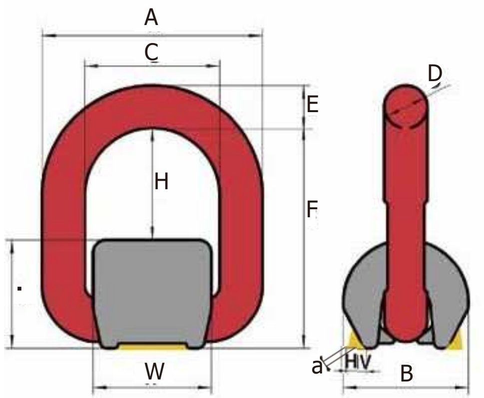
★ Factor of safety 4: 1; Bolt length and thread specification can be made according to requirements

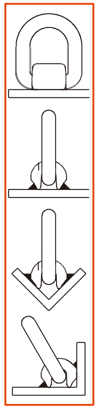
⚠WARNING



Load style											
Number of pieces		1	2	1	2	2		2	3-4		3-4
Inclination angle		0°	0°	90°	90°	0-45°	45-60°	Asymmetry	0-45°	45-60°	Asymmetry
ITEM NO.	Thread M	WLL / T									
082-1/2	1/2	1.6	3.2	0.8	1.6	1.12	0.8	0.8	1.68	1.2	0.8
082-5/8	5/8	2.6	5.2	1.6	3.2	2.24	1.6	1.6	3.36	2.4	1.6
082-3/4	3/4	4	8	2.4	4.8	3.36	2.4	2.4	5.04	3.6	2.4
082-7/8	7/8	4.5	9	3	6	4.2	3	3	6.3	4.5	3
082-1	1	7.4	14.8	4	8	5.6	4	4	8.4	6	4
082-1 ¼	1-1/4	9.6	19.2	6.25	12.5	8.75	6.25	6.25	13.13	9.375	6.25
082-1 ½	1-1/2	11	22	10	20	14	10	10	21	15	10
082-2	2	16	32	16	32	22.4	16	16	33.6	24	16

⚠WARNING





G80 LIFTING POINTS

ITEM NO.	WLL/T	Dimensions / mm										Weight Kg
		A	B	C	D	F	G	H	HV	W	a	
085-01	1.12T	67	38	41	13	68	33	35	5	36	3	0.4
085-02	2T	70	40	42	14	77	35.5	41.5	6	38	3	0.47
085-03	3.15T	80	43	45	17.5	80.5	39	41.5	7	43	3	0.69
085-05	5.3T	98	60	54	22	97	49	48	8	50	3	1.46
085-08	8T	124	69	70	27	118	58	60	10	66	4	2.5
085-10	10T	140	75	84	28	143	62	81	12	76	4	3.2
085-15	15T	163	87	95	34	155	69	86	15	88	4	5.79
085-20	20T	239	125	147	46	234.5	88	146.5	20	124	4	15.5

★ Factor of safety 4: 1

Safety Information

Load style											
Number of pieces		1	2	1	2	2		2	3–4		3-4
Inclination angle		0°	0°	90°	90°	0–45°	45–60°	Asymmetry	0–45°	45–60°	Asymmetry
ITEM NO.	SIZE	WLL / T									
085-01	1.12T	1.12	2.24	1.12	2.24	1.6	1.12	1.12	2.4	1.68	1.12
085-02	2T	2	4	2	4	2.8	2	2	4.2	3	2
085-03	3.15T	3.15	6.3	3.15	6.3	4.4	3.15	3.15	6.6	4.725	3.15
085-05	5.3T	5.3	10.6	5.3	10.6	7.4	5.3	5.3	11.1	7.95	5.3
085-08	8T	8	16	8	16	11.2	8	8	16.8	12	8
085-10	10T	10	20	10	20	14	10	10	21	15	10
085-15	15T	15	30	15	30	21	15	15	31.5	22.5	15
085-20	20T	20	40	20	40	28	20	20	42	30	20

⚠WARNING

Do not overload use and Install the base of the hoist ring flush to the mounting surface.

WELDING INSTRUCTIONS

⚠

Welding operations must be carried out by qualified welding personnel in accordance with EN 287 or AWS specifications.

Welding conditions:

- The carbon content of the welding base material must be less than 0.40%.
- When the room temperature is below 10 ° C, the surface needs to be preheated before welding.
- Important: Do not weld in open areas or areas with poor weather.

Welding method:

- Before welding, the contact surface should be kept clean and free of iron filings, oil stains, paint, slag, or any other pollutants. If the surface is corroded, the welding surface must be completely cleaned of iron filings. If there is paint, it needs to be completely removed.
- Before proceeding with the next welding, the weld bead must be cleaned to avoid slag inclusion.
- Once the welding operation begins, do not interrupt to avoid component cooling.
- Please thoroughly inspect the welding points and ensure that there are no cracks, dents, or scratches. If you have any doubts, please use non-destructive testing methods such as magnetic particle or liquid penetrant testing.
- If repair is required, grind the defects clean and repeat the qualified welding steps.
- Do not quickly cool the welding points.

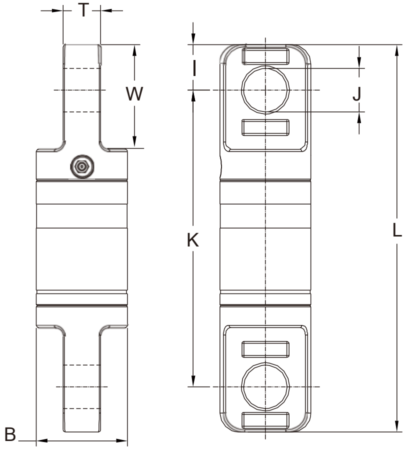
ANGULAR CONTACT BEARING SWIVELS

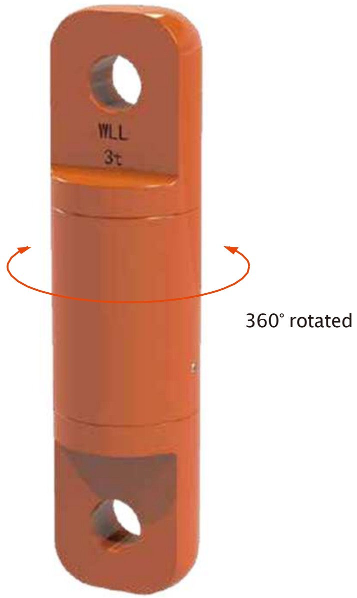
Product Advantage

- Swivels made of special alloy steel with precision forging, it had high processing performance after special heat treatment process.
- Built-in grease nozzle for easy maintenance, so that the product has better performance.
- Working tensile is the same in any direction, safety factor is 4:1
- The surface is coated with epoxy resin, which prevent surface corrosion effectively.

WARNING
Do not overload use and Install the base of the hoist ring flush to the mounting surface.

PRODUCT PARAMETERS





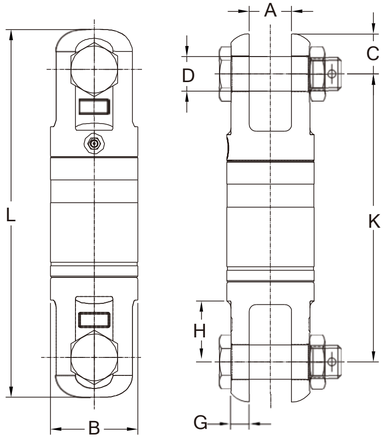
EYE & EYE CONTACT BEARING SWIVELS

ITEM NO.	SIZE	WLL/T	Dimensions / mm							Weight Kg
			B	K	L	I	T	J	W	
088-007	0.75	0.75	34	107	133	13	12	10.5	35	0.5
088-015	1.5	1.5	40	119	159	20	15	13.5	46	0.9
088-030	3	3	53	160	210	25	20	20	57	2.1
088-050	5	5	67	203	267	32	26	33	69	4.3
088-085	8.5	8.5	78	250	326	38	32	37	92	7.3
088-100	10	10	106	310	410	50	42	44	104	17.0
088-150	15	15	119	320	440	60	49	54	117	21.2
088-250	25	25	137	405	545	70	60	66	140	39.0
088-350	35	35	154	415	555	70	60	66	140	45.8
088-600	60	60	270	670	890	110	75	80	230	253

★ Factor of safety 4: 1

WARNING
Do not overload use and Install the base of the hoist ring flush to the mounting surface.

PRODUCT PARAMETERS



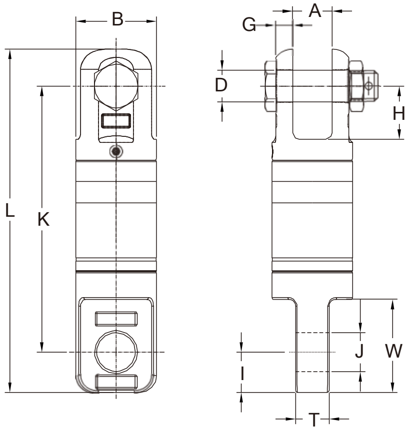
JAW & JAW CONTACT BEARING SWIVELS

ITEM NO.	SIZE	WLL/T	Dimensions / mm								Weight Kg
			B	K	L	C	A	D	→	H	
086-007	0.75	0.75	34	107	133	13	15	10	6	22	0.5
086-015	1.5	1.5	40	119	159	20	18	13	8	26	0.9
086-030	3	3	53	160	210	25	23	19	10	32	2.3
086-050	5	5	67	203	267	32	32	22	14	37	4.4
086-085	8.5	8.5	78	250	326	38	40	30	14	54	7.6
086-100	10	10	106	310	410	50	42	38	25	54	19.5
086-150	15	15	119	320	440	60	48	38	25	57	21.7
086-250	25	25	137	405	535	65	62	50	30	70	39.5
086-350	35	35	154	415	545	65	62	50	33	70	46.2
086-600	60	60	270	670	890	110	100	80	75	120	352

★ Factor of safety 4: 1

⚠WARNING

Do not overload use and Install the base of the hoist ring flush to the mounting surface.



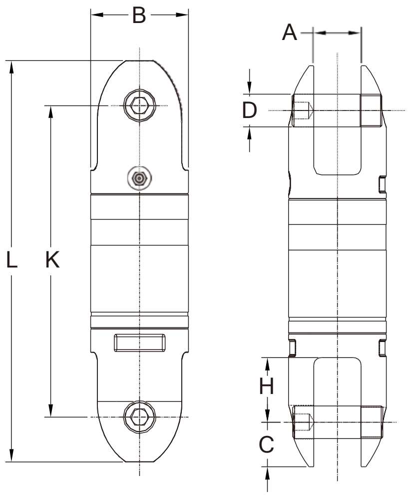
JAW & EYE CONTACT BEARING SWIVELS

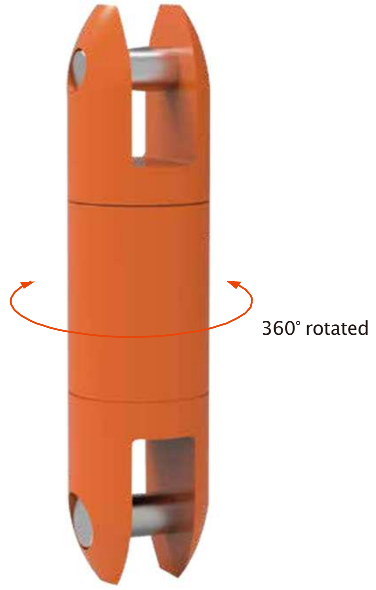
ITEM NO.	SIZE	WLL/T	Dimensions / mm											Weight Kg
			B	K	L	A	G	D	H	T	J	W	I	
089-007	0.75	0.75	34	107	133	15	6	10	22	12	10.5	35	13	0.5
089-015	1.5	1.5	40	119	159	18	8	13	26	15	13.5	46	20	0.9
089-030	3	3	53	160	210	23	10	19	32	20	20	57	25	2.2
089-050	5	5	67	203	267	32	14	22	37	26	33	69	32	4.4
089-085	8.5	8.5	78	250	326	40	14	30	54	32	37	92	38	7.4
089-100	10	10	106	310	410	42	25	38	54	42	44	104	50	18.0
089-150	15	15	119	320	440	48	25	38	57	49	54	117	60	21.2
089-250	25	25	137	405	540	62	30	50	70	60	66	140	70	40.0
089-350	35	35	154	415	550	62	33	50	70	60	66	140	70	46.7
089-600	60	60	270	670	890	100	75	80	120	75	80	230	110	302

★ Factor of safety 4: 1

⚠WARNING

Do not overload use and Install the base of the hoist ring flush to the mounting surface.





BULLET CONTACT BEARING SWIVELS

ITEM NO.	SIZE	WLL/T	Dimensions / mm							Weight Kg
			B	K	L	C	A	D	H	
087-007	0.75	0.75	34	107	131	12	15	10	22	0.5
087-015	1.5	1.5	40	119	151	16	18	12	26	0.8
087-030	3	3	53	160	210	25	23	16	32	2.0
087-050	5	5	67	205	267	31	32	22	37	3.9
087-085	8.5	8.5	78	246	316	35	37	24	50	6.7
087-100	10	10	106	316	408	46	42	38	53	18.6
087-150	15	15	119	330	426	48	48	38	56	19.9
087-250	25	25	137	403	525	61	62	50	69	36.5
087-350	35	35	154	423	545	61	62	50	69	47.6

★ Factor of safety 4: 1

⚠WARNING

Do not overload use and Install the base of the hoist ring flush to the mounting surface.

APPLICATION CASES