

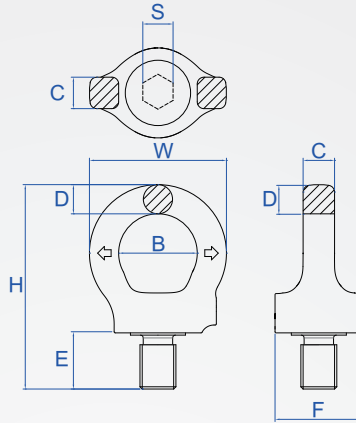
Rings - Imperial

YD769

Ring rotating ring



Can be rotated 360°



Part	Material
Rings	Forged alloy steel
Bolt	Alloy steel

How to order

YD769 - M12
 TYPE M

limit load Tons	Metric Coarse Teeth		American Coarse Teeth		*E	W	S	B	C	D	H	F	Tightening torque N · m	quality (kg)
	Pitch	UNC												
0.3	M8	1.25	5/16"	18	12	44	6	25	8	10	61.5	26	10	0.15
0.4	M10	1.5	3/8"	16	15									
0.75	M12	1.75	7/16"	14	18	52	8	30	10	11	76	32	10	0.2
	M14	2	1/2"	13									20	
1.5	M16	2	5/8"	11	24	61	10	35	14	13	91	39	30	0.35
	M18		—	—									40	
2.3	M20	2.5	3/4"	10	30	70	12	40	16	15	108	47	70	0.6
	M22		7/8"	9									80	
3.2	M24	3	1"	8	36	84	14	48	19	18	127	55	150	1
	M27		—	—									200	
4.5	M30	3.5	—	—	45	105	17	60	24	22.5	159	67	350	2
	M33		1-1/4"	7									—	
7	M36	4	1-1/2"	6	54	126	22	72	29	27	195	85	410	3
9	M42	4.5	1-3/4"	4.5	63	147		82	34	32.5	225.5	98	550	5
12	M48	5	2"	4.5	72	168	27	96	38	36	259	114	550	7.5











* E size thread length, can be customized.

※ Notice

- Equipped with a locking wrench, after locking, it is easy to install, and the lifting ring can be rotated after loosening.
- The load that can be lifted is different in different direction of force, but the safety factor is guaranteed to be 4 times. When hoisting in the vertical direction, the working load is large.
- 100% Qualified by 6g Go and Stop Gauge, suitable for precision threaded holes.
- Complete thread specifications and wide range of rated loads can be customized according to customer requirements.
- The thread is made of alloy steel 42CrMo by precision forging, the tensile strength σ_b before heat treatment is 1080MPa, and the mechanical properties are improved after quenching and tempering. The surface of the lifting ring is electrostatically sprayed to improve the surface anti-corrosion ability.

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■ Lifting ring load chart

hanging icon											hanging icon
load angle	1	2	1	2	2	2	2	3 ~ 4	3 ~ 4	3 ~ 4	load angle
thread	0°	0°	90°	90°	0° ~ 45°	45° ~ 60°	asymmetrical	0° ~ 45°	45° ~ 60°	asymmetrical	thread
M	load limit Tons										INCH
M8	1	2	0.3	0.6	0.42	0.3	0.3	0.63	0.45	0.3	5/16
M10	1	2	0.4	0.8	0.56	0.4	0.4	0.8	0.6	0.4	3/8
M12	2	4	0.75	1.5	1	0.75	0.75	1.5	1.1	0.75	7/16
M14	2	4	0.75	1.5	1	0.75	0.75	1.5	1.1	0.75	1/2
M16	4	8	1.5	3	2.1	1.5	1.5	3.1	2.2	1.5	5/8
M18	4	8	1.5	3	2.1	1.5	1.5	3.1	2.2	1.5	—
M20	6	12	2.3	4.6	3.2	2.3	2.3	4.8	3.4	2.3	3/4
M22	6	12	2.3	4.6	3.2	2.3	2.3	4.8	3.4	2.3	7/8
M24	8	16	3.2	6.4	4.5	3.2	3.2	6.7	4.8	3.2	1
M27	8	16	3.2	6.4	4.5	3.2	3.2	6.7	4.8	3.2	—
M30	12	24	4.5	9	6.3	4.5	4.5	9.4	6.7	4.5	—
M33	12	24	4.5	9	6.3	4.5	4.5	9.4	6.7	4.5	1-1/4
M36	16	32	7	14	9.8	7	7	14.7	10.5	7	1-1/2
M42	24	48	9	18	12.6	9	9	18.9	13.5	9	1-3/4
M48	32	64	12	24	16.8	12	12	25	18	12	2

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