



EZ-Torque® Hoist Rings

Material: High strength 4140 alloy steel

Design Factor: 5:1, Magnetic Particle Inspected Per ASTM 1444. Hoist Rings retain the same rated load from 0 to 90 degrees from the bolt axis.

Range of Movement: Swivel 360°, Pivot 180° Under Load

Finish: Black Oxide finish for corrosion resistance*

Typical Applications: ADB, the originator and leader in safety hoist rings, introduces another time and money saving innovation. ADB's new EZ-Torque® Hoist Ring eliminates the need of locating and installing hydraulic torque multipliers for large hoist ring installations. A 75,000 lb. rated load hoist ring requires the mounting screw to be torqued to 4,300 ft.lbs. Using ADB's EZ-Torque® Hoist Ring requires only a standard torque wrench and 92 ft.lbs. of torque per bolt!

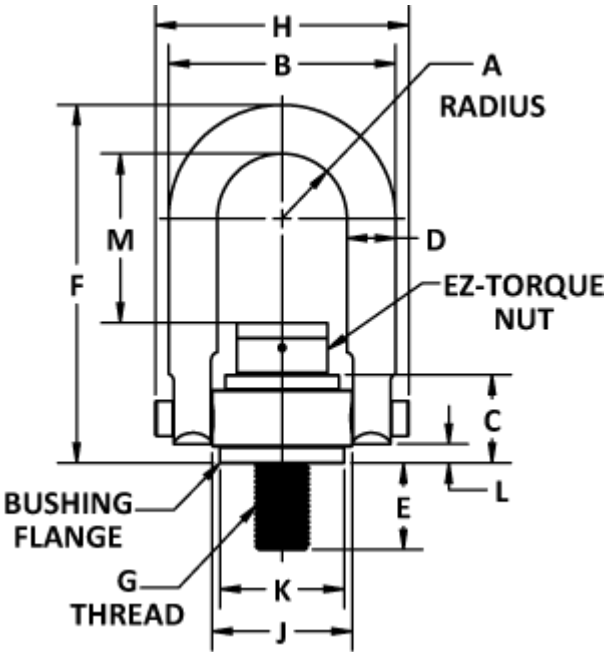


Patent Numbers: 5,848,815

All dimensions approximate – variations do not effect use or design factor.

* Also available in a wide range of plating – e.g Cadmium, Titanium-Cadmium, Nickel, etc.

Click part number for CAD model.



EZ-Torque® Hoist Rings																
Part No.	Rated Load (lbs)	A	B	C	D	E +/- .12	F	G	H	J	K	L	M	TL (ft-lbs)	EZ-Torque (ft-lbs)	Weight (lbs)
23490	15000	1.75	6.0	2.11	1 1/4	1.89	8.73	1 1/4"-7	6.50	3.76	3.20	0.35	3.88	470	10	16.00
23494	24000	2.25	8.0	2.81	1 3/4	2.70	12.47	1 1/2"-6	8.55	4.87	4.20	0.47	6.12	800	18	37.75
23290	30000	2.25	8.0	2.81	1 3/4	2.96	12.47	2"-4 1/2	8.55	4.87	4.20	0.47	6.12	1100	23	39.00
†23590	50000	3.00	10.5	4.09	2 1/4	4.00	16.87	2 1/2"-8	11.67	6.52	5.75	1.12	7.73	2100	49	92.00
†23592	50000	3.00	10.5	4.09	2 1/4	4.00	16.87	2 1/2"-4	11.67	6.52	5.75	1.12	7.73	2100	49	92.00
†23690	75000	3.75	13.0	5.27	2 3/4	5.20	19.50	3"-4	14.15	8.10	7.25	1.00	8.53	4300	92	174.60
23790	100,000	4.00	14.5	6.06	3 1/4	7.00	22.09	3 1/2"-4	15.90	8.60	7.75	1.09	9.28	6600	98	246.94
23792	150,000	5.00	18.0	7.50	4	8.50	27.38	4 1/4"-4	19.69	10.75	9.87	1.33	12.93	12000	123	527.00
23794	200,000	6.00	22.0	9.00	5	9.00	33.00	5"-4	24.00	13.00	12.38	1.88	15.00	19800	193	763.00
23798	250,000	6.00	22.0	9.00	5	9.00	33.00	6"-4	24.00	13.00	12.38	1.88	15.00	29000	207	841.00

EZ-Torque® Hoist Rings – Metric																
Part No.	Rated Load (kg)	A	B	C	D	E +/- 3.0	F	G	H	J	K	L	M	TL (Nm)	EZ-Torque (Nm)	Weight (kg)
24490	7000	44.5	152.4	53.6	31.8	66	221.7	M30 x 3.5	165.1	95.5	81.3	8.9	106.3	637.2	13.5	7.26
24494	11000	57.2	203.2	71.4	44.5	69	316.7	M36 x 4.0	217.2	123.7	106.7	11.9	164.8	1085.5	20.8	17.13
24498	12500	57.2	203.2	71.4	44.5	79	316.7	M42 x 4.5	217.2	123.7	106.7	11.9	158.8	1085.5	21.6	17.13
24290	13500	57.2	203.2	71.4	44.5	79	316.7	M48 x 5.0	217.2	123.7	106.7	11.9	152.8	1085.5	21.3	17.69
†24592	22000	76.2	266.7	104.0	57.2	102	428.5	M64 x 6.0	296.4	165.6	146.1	28.4	203.3	2847.5	53.9	41.73
†24690	31500	95.2	330.2	133.9	69.8	132	495.3	M72 x 6.0	368.3	205.7	184.1	25.4	215.4	5670.0	124.7	79.20
24790	51000	101.6	368.3	153.9	82.5	178	561.1	M90 x 6.0	403.9	218.4	196.8	27.7	235.7	9560.0	132.8	112.01

† Exception to standard discounts

*Recommended Torque Load per each installation bolt

Larger WLL available upon request