

NICKEL-PLATED SWIVEL HOIST RINGS

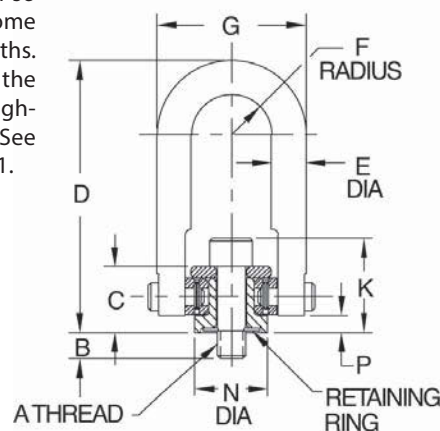
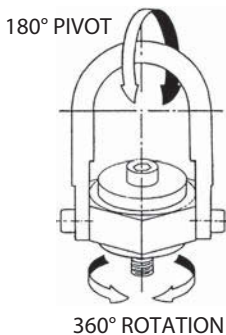
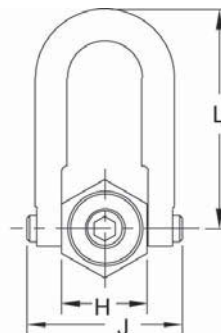
ALLOY STEEL, HEAT TREATED, ELECTROLESS NICKEL PLATED, 100% MAGNAFLUX INSPECTED



Nickel Plated

Our original alloy-steel Swivel Hoist Rings are now available with electroless nickel plating. These hoist rings offer excellent corrosion and wear resistance while still providing the full load capacity of our heat-treated alloy-steel hoist rings. Electroless nickel is a hard, uniform coating that is very resistant to a wide range of chemicals, which makes these hoist rings suitable for many corrosive and marine environments. Swivel Hoist Rings pivot 180 degrees and swivel 360 degrees simultaneously to allow lifting from any direction. Safety factor = 5:1. **Patent no. 3,297,293 and 4,705,422.**

Fasten hoist rings using the installation torque specified in the dimension table. Always install so that the hoist ring can pivot and swivel freely. Some hoist rings are available with a choice of bolt lengths. Use the shortest bolt length only for steel plates, the other lengths for weaker materials and for through-hole mounting with a washer and nut. **INFO+:** See general Hoist Ring Safety Precautions on page 71.



STANDARD RING, ELECTROLESS NICKEL PLATED (INCH)

PART NO.	LOAD RATING (LBS)	A	B	C	D	E DIA	F	G	H	J	K	L	N DIA	P	INSTALLATION TORQUE (FT-LBS)	REPLACEMENT BOLT (WITH RETAINING RING)
CL-800-SHR-2-N	800	5/16-18	.54	.72	2.63	3/8	.44	1.62	1.00	1.82	1.03	2.35	.75	.17	7	CL-800-SHRB-2-N
CL-1000-SHR-1-N	1000	3/8-16	.54	.72	2.63	3/8	.44	1.62	1.00	1.82	1.09	2.35	.75	.17	12	CL-1000-SHRB-1-N
CL-2500-SHR-1-N	2500	1/2-13	.77	1.23	4.77	3/4	.88	3.25	2.00	3.52	1.73	4.24	1.50	.16	28	CL-2500-SHRB-1-N
CL-2500-SHR-2-N			1.02													CL-2500-SHRB-2-N
CL-2500-SHR-3-N			1.27													CL-2500-SHRB-3-N
CL-4000-SHR-1-N			.77													CL-4000-SHRB-1-N
CL-4000-SHR-2-N	4000	5/8-11	1.02	1.23	4.77	3/4	.88	3.25	2.00	3.52	1.86	4.24	1.50	.16	60	CL-4000-SHRB-2-N
CL-4000-SHR-3-N			1.27													CL-4000-SHRB-3-N
CL-5000-SHR-1-N	5000	3/4-10	1.02	1.23	4.77	3/4	.88	3.25	2.00	3.52	1.98	4.24	1.50	.16	100	CL-5000-SHRB-1-N
CL-5000-SHR-2-N			1.52													CL-5000-SHRB-2-N

STANDARD RING, ELECTROLESS NICKEL PLATED (METRIC)

PART NO.	LOAD RATING (kg)	A THREAD	THREAD PITCH (mm)	B (mm)	C (mm)	D (mm)	E DIA (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)	L (mm)	N DIA (mm)	P (mm)	INSTALLATION TORQUE (Nm)
CLM-800-SHR-2-N	400	M8	1.25	17	18	67	9.5	11	41	25.5	46	26	60	19	4.5	9
CLM-1000-SHR-1-N	450	M10	1.5	17	18	67	9.5	11	41	25.5	46	28	60	19	4.5	16
CLM-2500-SHR-1-N	1050	M12	1.75	19	31	121	19	22	83	51	89	43	108	38	4	37
CLM-4000-SHR-2-N	1900	M16	2	29	31	121	19	22	83	51	89	47	108	38	4	80