

Crosby® Real Life Solutions

Choose the HR-1000CT for versatile and dependable material handling in extreme conditions.

Such as subsea and other salt water environments.

Like our standard Heavy Lift hoist rings, the forged bail provides greater durability in potentially abusive environments. In addition, the design of the new HR1000CT "COLD TUFF" hoist rings, which are suitable for use to -50° F (-45° C), includes the following features which provide the assurance you require when making lifts in extreme conditions.



HR-1000CT Features:

- All components are produced with a maximum hardness of 34 HRc.
- All load bearing components have Charpy impact testing.
 - The body, bushing, washer and bail meet impact requirements of 31 ft-lbs. (42 joules) at -4° F (-20° C).
 - The bolt meets impact requirements of 20 ft-lbs. (27 joules) at -150° F (-101° C).
- Components are zinc coated utilizing a thermal diffusion galvanizing process for improved corrosion resistance.

Additional Features:

- All load bearing components are heat treated, Quenched and Tempered alloy steel.
- Individually Magnetic Particle Inspected with certification.
- Individually Proof Tested to 2 times the Working Load Limit.
- Frame 2 and larger are RFID EQUIPPED



Crosby USA P.O. Box 3128, Tulsa, Oklahoma 74101-3128 U.S.A.

P: (918) 834-4611 F: (918) 832-0940, Email: crosbygroup@thecrosbygroup.com

Crosby Canada 145 Heart Lake Road, Brampton, Ontario, Canada L6W 3K3

P: (905) 451-9261 F: (877) 260-5106, Email: sales@crosby.ca

Crosby Europe Industriepark Zone B n°26, 2220 Heist-op-den-Berg, Belgium

P: (+32) (0)15 75 71 25 F: (+32) (0)15 75 37 64, Email: sales@crosbyeurope.com

theCrosby® group

www.thecrosbygroup.com



Heavy Lift Swivel Hoist Rings

Load Rated



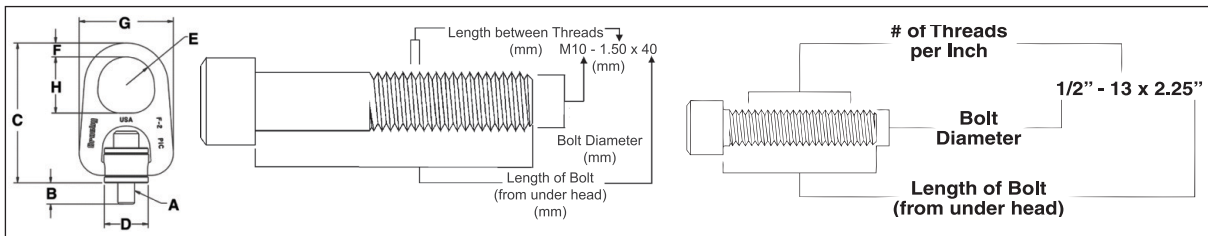
SEE APPLICATION AND WARNING INFORMATION

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HR-1000CT



- All load bearing components are heat treated, Quenched & Tempered® alloy steel.
- All components, with the exception of the retaining ring, are produced with maximum material hardness of 34 HRC.
- All primary load bearing components have charpy impact testing. The body, bushing, washer and bail meet impact requirements of 31 ft-lbs min. ave. at -4°F. The bolt meets impact requirements of 20 ft-lbs min. ave. at -150°F.
- Individually Mag inspected with certification.
- Forged bail provides the following:
 - Easily readable "Raised Lettering" showing the name Crosby or "CG" and PIC Code for material traceability.
 - Greater durability providing the increased "Toughness" desired in potentially abusive field conditions.
 - Larger opening than standard Hoist Ring bail.
- Top washer is color coded for easy identification (blue for UNC threads and grey for Metric threads)
- The Working Load Limit and Recommended Torque value are permanently stamped into each washer.
- Individually Proof Tested to 2 times Working Load Limit (90° and in-line).
- Available in both UNC Thread and Metric Thread style.
- **BOLT SIZE IDENTIFICATION:** The size of the bolt will be stated as in the drawing below. Illustration shows meaning of each dimension given.
- **NOTE:** For Special Applications, see page 432 of the Crosby General Catalog.
- Frame 2 and larger are **RFID EQUIPPED**.
- Individually serialized.
- 100% MPI all primary load bearing components.
- Coating: Thermo-diffusion galvanized.
- Optional bolt sizes available upon request.



HR-1000CT UNC Threads

Frame Size No.	HR-1000CT Stock No.	Working Load Limit (lbs.)*	Torque in Ft. Lbs	Dimensions (in.)								Weight Each (lbs.)
				Bolt Size A ‡	Eff. Thread Projection Length B	C	D	Radius E	Diameter F	G	H	
2	6607663	2000	28	1/2 - 13 x 2.25	.69	6.26	1.96	1.25	.62	4.20	2.50	3
2	6607730	2000	28	1/2 - 13 x 2.75	1.20	6.26	1.96	1.25	.62	4.20	2.50	3
2	6607664	3200	60	5/8 - 11 x 2.25	.69	6.26	1.96	1.25	.62	4.20	2.50	3
3	6607665	5400	100	3/4 - 10 x 3.00	.85	8.66	2.96	1.63	1.00	6.25	3.25	10
3	6607666	7200	160	7/8 - 9 x 3.00	.85	8.66	2.96	1.63	1.00	6.25	3.25	10
3	6607667	10000	230	1 - 8 x 3.50	1.35	8.66	2.96	1.63	1.00	6.25	3.25	10
4	6607668	13500	470	1-1/4 - 7 x 5.00	2.09	11.21	3.71	2.00	1.25	7.82	4.00	23
4	6607669	20000	800	1-1/2 - 6 x 5.50	2.59	11.21	3.71	2.00	1.25	7.82	4.00	23
4	6607727	20000	800	1-1/2 - 8 x 5.50	2.59	11.21	3.71	2.00	1.25	7.82	4.00	23
5	6607670	28000	1100	2 - 4.5 x 7.50	3.21	15.09	4.00	2.69	1.58	11.17	4.25	69

*Ultimate Load is 5 times the Working Load Limit.

‡ Bolt specification is an Alloy socket head cap screw to ASTM A320 Grade L7 or L43.

NOTE: The tightening torque values shown are based upon threads being clean, dry and free of lubrication.