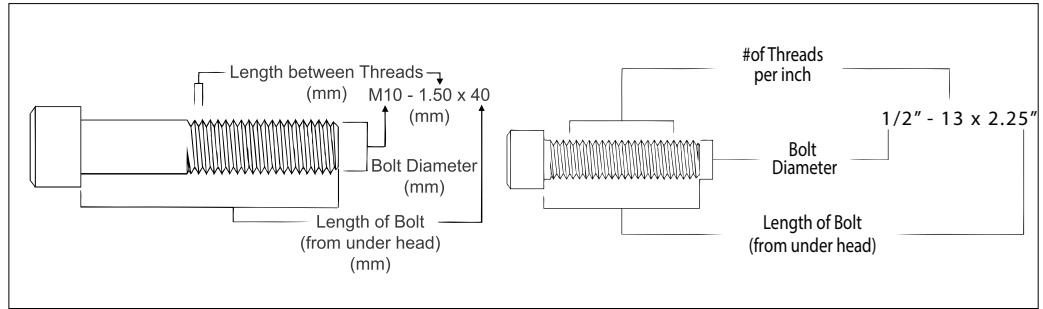
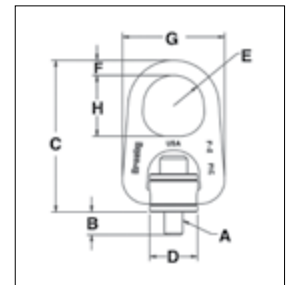


HR-1000CT



- 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-lb min. avg. at -4°F. The bolt meets impact requirements of 20 ft-lb min. avg. at -150°F.
- Individually magnetic particle inspected with certification.
- Forged bail provides the following:
 - Easily readable raised lettering showing the name Crosby or "CG" and PIC for material traceability.
 - Greater durability providing the increased toughness desired in potentially abusive field conditions.
 - Larger opening than standard hoist ring bail.
- Bolt specification is an alloy socket head cap screw to ASTM A320 Grade L7 or L43.
- Top washer is color-coded for easy identification (blue for UN 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).
- BOLT SIZE IDENTIFICATION: The size of the bolt will be stated as in the drawing above. Illustration shows meaning of each dimension given.
- Type approval and certification in accordance with DNV Offshore Standard DNV-OS-E101, Drilling Plant, Standard for Certification DNVGL-ST-0378, Lifting Appliances, and DNVGL-SI-0166.
- Individually serialized.
- 100% MPI all primary load bearing components.
- Coating: Thermo-diffusion galvanized.
- Optional bolt sizes available upon request.



HR-1000CT UNC Threads

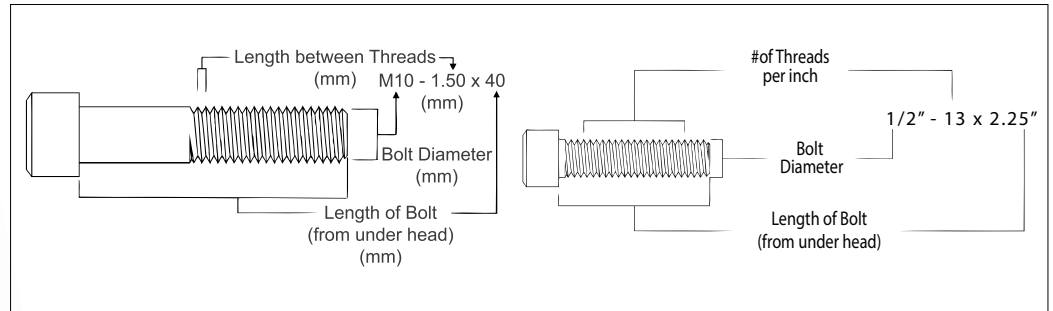
| Frame Size No. | Stock No. | Working Load Limit (lb) | Torque (ft-lb) | Dimensions (in) | | | | | | | | | Mass Each (lb) |
|----------------|-----------|-------------------------|----------------|------------------|--------------------------------------|-------|------|----------|------------|-------|------|-----|----------------|
| | | | | Bolt Size A | Effective Thread Projection Length B | C | D | Radius E | Diameter F | G | H | | |
| 2 | 6608103 | 1900 | 28 | 1/2 - 13 x 2.25 | 0.70 | 6.32 | 1.96 | 1.25 | 0.75 | 4.20 | 2.50 | 3 | |
| 2 | 6608112 | 1900 | 28 | 1/2 - 13 x 2.75 | 1.20 | 6.32 | 1.96 | 1.25 | 0.75 | 4.20 | 2.50 | 3 | |
| 2 | 6608121 | 3000 | 60 | 5/8 - 11 x 2.25 | 0.70 | 6.32 | 1.96 | 1.25 | 0.75 | 4.20 | 2.50 | 3 | |
| 3 | 6608130 | 4800 | 100 | 3/4 - 10 x 3.00 | 0.85 | 8.59 | 2.96 | 1.63 | 1.00 | 6.25 | 3.25 | 11 | |
| 3 | 6608139 | 6200 | 160 | 7/8 - 9 x 3.00 | 0.85 | 8.59 | 2.96 | 1.63 | 1.00 | 6.25 | 3.25 | 11 | |
| 3 | 6608148 | 8300 | 230 | 1 - 8 x 3.50 | 1.35 | 8.59 | 2.96 | 1.63 | 1.00 | 6.25 | 3.25 | 11 | |
| 4 | 6608149 | 12500 | 470 | 1-1/4 - 7 x 5.00 | 2.10 | 11.31 | 3.71 | 2.00 | 1.44 | 8.13 | 4.00 | 24 | |
| 4 | 6607669 | 20000 | 800 | 1-1/2 - 6 x 5.50 | 2.60 | 11.31 | 3.71 | 2.00 | 1.44 | 8.13 | 4.00 | 27 | |
| 4 | 6607727 | 20000 | 800 | 1-1/2 - 8 x 5.50 | 2.60 | 11.31 | 3.71 | 2.00 | 1.44 | 8.13 | 4.00 | 27 | |
| 5 | 6607670 | 28000 | 1100 | 2 - 4.5 x 7.50 | 3.20 | 15.15 | 4.00 | 2.69 | 1.75 | 11.64 | 5.00 | 69 | |
| 6 | 6607671 | 45000 | 2100 | 2 1/2 - 4 x 9.50 | 3.73 | 19.93 | 5.75 | 3.00 | 2.75 | 14.47 | 5.62 | 157 | |

5:1 Design Factor.

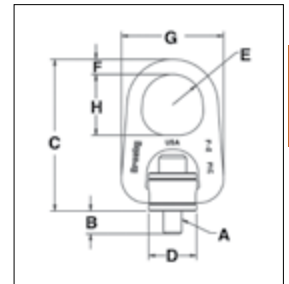


APPLICATION AND WARNING INFORMATION
SECTION 17

HR-1000MCT



- All load bearing components are heat treated, Quenched & Tempered alloy steel.
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- Individually serialized.
- 100% MPI all primary load bearing components.
- Coating: Thermo-diffusion galvanized.
- Optional bolt sizes available upon request.



11

HR-1000MCT Metric Threads

| Frame Size No. | Stock No. | Working Load Limit (kg) | | Torque (Nm) | Bolt Size A | Eff. Thread Projection Length B | Dimensions (mm) | | | | | | Mass Each (kg) |
|----------------|-----------|-------------------------|-------------------|-------------|------------------|---------------------------------|-----------------|-------|----------|------------|-------|-------|----------------|
| | | Design Factor 5:1 | Design Factor 4:1 | | | | C | D | Radius E | Diameter F | G | H | |
| 2 | 6630058 | 825 | 1,030 | 38 | M12 x 1.75 x 55 | 15.6 | 160.6 | 49.7 | 31.8 | 19.1 | 106.7 | 63.5 | 1 |
| 2 | 6630059 | 1,350 | 1,690 | 81 | M16 x 2.00 x 65 | 25.5 | 160.6 | 49.7 | 31.8 | 19.1 | 106.7 | 63.5 | 1 |
| 3 | 6630060 | 2,250 | 2,810 | 136 | M20 x 2.50 x 80 | 25.3 | 218.2 | 75.1 | 41.4 | 25.4 | 158.8 | 82.6 | 5 |
| 3 | 6630061 | 3,175 | 3,970 | 312 | M24 x 3.00 x 90 | 35.4 | 218.2 | 75.1 | 41.4 | 25.4 | 158.8 | 82.6 | 5 |
| 4 | 6630062 | 5,450 | 6,810 | 637 | M30 x 3.50 x 140 | 65.9 | 287.3 | 94.1 | 50.8 | 36.6 | 206.5 | 101.6 | 11 |
| 4 | 6630063 | 7,450 | 9,310 | 1,005 | M36 x 4.00 x 130 | 56.3 | 287.3 | 94.1 | 50.8 | 36.6 | 206.5 | 101.6 | 12 |
| 5 | 6630064 | 13,250 | 16,560 | 1,350 | M48 x 5.00 x 180 | 70.7 | 384.9 | 101.6 | 68.3 | 44.5 | 295.6 | 127.0 | 30 |

5:1 Design Factor.

Load Rated Fatigue Rated

APPLICATION AND WARNING INFORMATION SECTION 17