

# TIMKEN

The Timken Company  
4500 Mt Pleasant St. NW  
N. Canton, OH 44720  
Phone: (234) 262-3000  
E-Mail: CustomerCAD@timken.com • Web site: www.timken.com

## Part Number CM-10S, Aurora Bearing CM-S & CB-S Series Male Rod Ends with Studs - General Purpose - Economy



- Body - Low carbon steel - protective coated for corrosion resistance.
- Ball - Alloy steel - heat treated - hard chrome plated.
- Stud - Low carbon steel - protective coated for corrosion resistance. Right hand threads are standard.
- Grease Fitting available for sizes -6 and up. Units are supplied without grease fittings. When a grease fitting is required, specify by adding suffix "Z" or "F". Ex.: CM-6SZ = Zerk Type Fitting CM-6SF = Flush Type Fitting.
- Optional grease fitting is supplied, standard, in **right hand** location (with stud facing away from you). Specify if **left hand** location is desired.

# Key Dimensions

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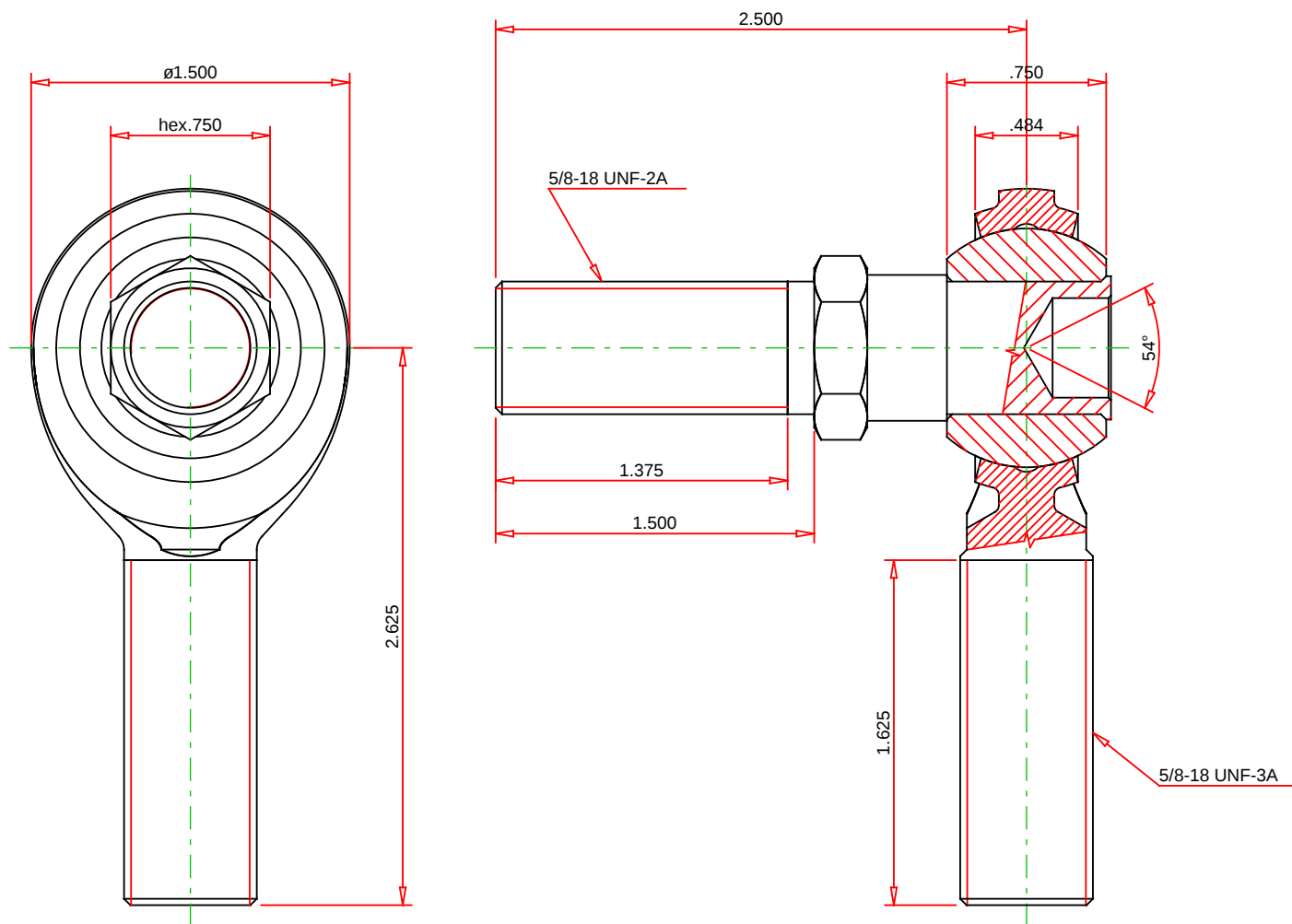
|                                      |                               |
|--------------------------------------|-------------------------------|
| Part Number                          | CM-10S                        |
| Thread Type                          | Right Hand                    |
| Thread Configuration                 | Male                          |
| W - Ball Width                       | .750 in                       |
| H - Head Width                       | .484 in                       |
| A - Base to Center                   | 2.625 in                      |
| D - Head Diameter                    | 1.500 in                      |
| Ball Diameter                        | 1.125 in                      |
| C - Thread Length                    | 1.625 in                      |
| L - Center to End of Stud            | 2.500 in                      |
| N - Stud Shank Length                | 1.500 in                      |
| M - Stud Thread Length               | 1.375 in                      |
| Thread Size                          | 5/8-18                        |
| Thread Class                         | UNF-3A                        |
| Thread Class Stud                    | UNF-2A                        |
| Hex Stud                             | .750 in                       |
| a - Misalignment Angle Total         | 54 °                          |
| Ultimate Radial Static Load Capacity | 1,943 lbs                     |
| Approximate Brg. Weight              | .61 lb                        |
| Lubrication Options                  | Zerk Fitting or Flush Fitting |

**Grease Fitting  
Location**

Right Hand or Left Hand

**Note**

For dimensional tolerances of listed features, see the PDF version of the catalog under the "View Product Catalogs" tab from the home page.



**Component Materials**

|       |                                                                                   |
|-------|-----------------------------------------------------------------------------------|
| Body: | Low carbon steel - protective coated for corrosion resistance.                    |
| Ball: | Alloy steel - heat treated - hard chrome plated.                                  |
| Stud: | Low carbon steel - protective coated for corrosion resistance. Right hand thread. |

|                                                     |                                                                                                                                          |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Part No. :<br>CM-10S                                | Description :<br>Aurora Bearing CM-S & CB-S Series Male Rod Ends with Studs - General Purpose - Economy                                  |
| Ultimate Radial Static Load Capacity :<br>1,943 lbs | Note :<br>- Drawing not to Scale<br>- Dimensions subject to change.<br>- Above dimensions are nominal, see catalog charts for tolerances |



**The Timken Company**  
 Address : 901 Aucutt Rd.  
 Montgomery, IL 60538  
 Tel. : 630.859.2030  
 Email : customerservice@aurorabearing.com  
 Web : www.aurorabearing.com