

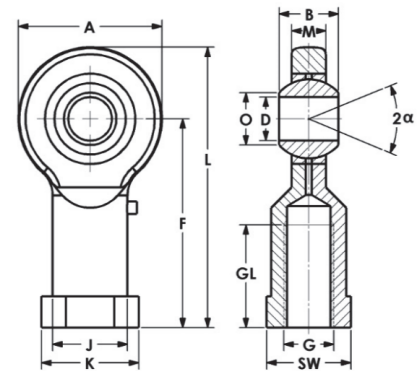
# Metric Rod Ends

## GIXS Type

- Extra Heavy Duty, Zinc Plated
- Grease Fitting for Re-Lube
- Right & Left Hand- Internal Threads
- Suited for High Pressure and Tension Loads

**Housing:** Heat-treated 42CrMo4 steel, AISI 4140, forged  
**Insert:** Special high strength bronze to CuSn8  
**Ball:** Bearing steel 100Cr6 (AISI 52100), hardened, ground, polished  
 This series is also available sealed and with CETOP  
 (European Fluid Power Committee) dimensions for Hydraulic Cylinders

Models Available



| Right Hand Part No. | Left Hand Part No. | Size D | Dimensions (mm) |       |    |     |     |    |      |      |    |            |    | Static Load C <sub>0</sub> kN | Dynamic Load C kN | Max Speed RPM | α° | Wt. g |
|---------------------|--------------------|--------|-----------------|-------|----|-----|-----|----|------|------|----|------------|----|-------------------------------|-------------------|---------------|----|-------|
|                     |                    |        | B               | M     | A  | F   | L   | K  | J    | O    | SW | G          | GL |                               |                   |               |    |       |
| GIXS 6              | GILXS 6            | 6      | 9               | 6.75  | 20 | 30  | 40  | 13 | 10.0 | 8.9  | 11 | M6 x 1     | 12 | 16.7                          | 4.3               | 1500          | 13 | 27    |
| GIXS 8              | GILXS 8            | 8      | 12              | 9.00  | 24 | 36  | 48  | 16 | 12.5 | 10.4 | 13 | M8 x 1.25  | 16 | 25.5                          | 7.1               | 1200          | 14 | 46    |
| GIXS 10             | GILXS 10           | 10     | 14              | 10.50 | 28 | 43  | 57  | 19 | 15.0 | 12.9 | 17 | M10 x 1.5  | 20 | 34.8                          | 10.0              | 1000          | 13 | 76    |
| GIXS 12             | GILXS 12           | 12     | 16              | 12.00 | 32 | 50  | 66  | 22 | 17.5 | 15.4 | 19 | M12 x 1.75 | 22 | 42.0                          | 13.3              | 860           | 13 | 115   |
| GIXS 14             | GILXS 14           | 14     | 19              | 13.50 | 36 | 57  | 75  | 25 | 20.0 | 16.8 | 22 | M14 x 2    | 25 | 57.0                          | 17.0              | 750           | 16 | 170   |
| GIXS 16             | GILXS 16           | 16     | 21              | 15.00 | 42 | 64  | 85  | 27 | 22.0 | 19.3 | 22 | M16 x 2    | 28 | 67.5                          | 21.5              | 660           | 15 | 230   |
| GIXS 18             | GILXS 18           | 18     | 23              | 16.50 | 46 | 71  | 94  | 31 | 25.0 | 21.8 | 27 | M18 x 1.5  | 32 | 81.5                          | 26.0              | 600           | 15 | 320   |
| GIXS 20             | GILXS 20           | 20     | 25              | 18.00 | 50 | 77  | 102 | 34 | 27.5 | 24.3 | 32 | M20 x 1.5  | 33 | 93.5                          | 31.5              | 540           | 14 | 415   |
| GIXS 22             | GILXS 22           | 22     | 28              | 20.00 | 54 | 84  | 111 | 37 | 30.0 | 25.8 | 32 | M22 x 1.5  | 37 | 114.0                         | 38.0              | 500           | 15 | 540   |
| GIXS 25             | GILXS 25           | 25     | 31              | 22.00 | 60 | 94  | 124 | 42 | 33.5 | 29.6 | 36 | M24 x 2    | 42 | 135.0                         | 47.0              | 440           | 15 | 750   |
| GIXS 30             | GILXS 30           | 30     | 37              | 25.00 | 70 | 110 | 145 | 51 | 40.0 | 34.8 | 41 | M30 x 2    | 51 | 184.0                         | 64.0              | 370           | 17 | 1130  |

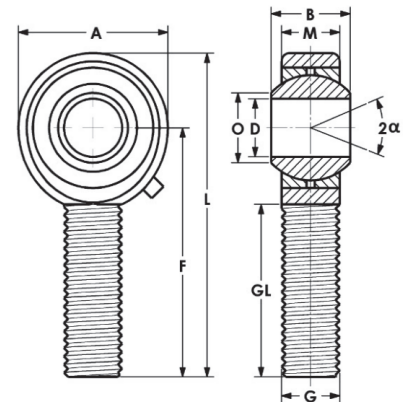
Note: \* Without Grease Fitting. Size 50 available on request.

## GAXS Type

- Extra Heavy Duty, Zinc Plated
- Grease Fitting for Re-Lube
- Right & Left Hand-External Threads
- Suited for High Pressure and Tension Loads

**Housing:** Heat-treated 42CrMo4 steel, AISI 4140, forged  
**Insert:** Special high strength bronze to CuSn8  
**Ball:** Bearing steel 100Cr6 (AISI 52100), hardened, ground, polished  
 This series is also available sealed and with CETOP  
 (European Fluid Power Committee) dimensions for Hydraulic Cylinder

Models Available



| Right Hand Part No. | Left Hand Part No. | Size D | Dimensions (mm) |       |    |     |     |      |            |    | Static Load C <sub>0</sub> kN | Dynamic Load C kN | Max Speed RPM | α° | Wt. g |
|---------------------|--------------------|--------|-----------------|-------|----|-----|-----|------|------------|----|-------------------------------|-------------------|---------------|----|-------|
|                     |                    |        | B               | M     | A  | F   | L   | O    | G          | GL |                               |                   |               |    |       |
| GAXS 6              | GALXS 6            | 6      | 9               | 6.75  | 20 | 36  | 46  | 8.9  | M6 x 1     | 22 | 9.8                           | 4.3               | 1500          | 13 | 20    |
| GAXS 8              | GALXS 8            | 8      | 12              | 9.00  | 24 | 42  | 54  | 10.4 | M8 x 1.25  | 25 | 19.5                          | 7.1               | 1200          | 14 | 33    |
| GAXS 10             | GALXS 10           | 10     | 14              | 10.50 | 28 | 48  | 62  | 12.9 | M10 x 1.5  | 29 | 31.4                          | 10.0              | 100           | 13 | 56    |
| GAXS 12             | GALXS 12           | 12     | 16              | 12.00 | 32 | 54  | 70  | 15.4 | M12 x 1.75 | 33 | 42.0                          | 13.5              | 860           | 13 | 87    |
| GAXS 14             | GALXS 14           | 14     | 19              | 13.50 | 36 | 60  | 78  | 16.8 | M14 x 2    | 36 | 57.0                          | 17.0              | 750           | 16 | 129   |
| GAXS 16             | GALXS 16           | 16     | 21              | 15.00 | 42 | 66  | 87  | 19.3 | M16 x 2    | 40 | 67.5                          | 21.5              | 660           | 15 | 189   |
| GAXS 18             | GALXS 18           | 18     | 23              | 16.50 | 46 | 72  | 95  | 21.8 | M18 x 1.5  | 44 | 81.5                          | 26.0              | 600           | 15 | 267   |
| GAXS 20             | GALXS 20           | 20     | 25              | 18.00 | 50 | 78  | 103 | 24.3 | M20 x 1.5  | 47 | 93.5                          | 31.5              | 540           | 14 | 348   |
| GAXS 22             | GALXS 22           | 22     | 28              | 20.00 | 54 | 84  | 111 | 25.8 | M22 x 1.5  | 51 | 114.0                         | 38.0              | 500           | 15 | 443   |
| GAXS 25             | GALXS 25           | 25     | 31              | 22.00 | 60 | 94  | 124 | 29.6 | M24 x 2    | 57 | 135.0                         | 47.0              | 440           | 15 | 600   |
| GAXS 30             | GALXS 30           | 30     | 37              | 25.00 | 70 | 110 | 145 | 34.8 | M30 x 2    | 71 | 184.0                         | 64.0              | 370           | 17 | 1030  |

Note: \* Without grease fitting.