

A technical drawing of a spherical plain bearing assembly is shown in the background. It includes various dimensions such as  $\phi 15.87$ ,  $\phi 16.0_{-0.1}^0$ , 12, 5/16-24, SW111-02,  $\phi 7.94$ , and 12.7. A green dial indicator is placed over the drawing.

High Reliability,  
Long Service Life  
and Minimal  
Maintenance

Spherical Plain Bearings  
Rod Ends For Hydraulic Cylinder  
Rod Ends, Linkages, Ball Joints

Fast & safe shipping  
Everytime Everywhere

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Maintenance-free, Long-Life Sliding Contact Surfaces





For Applications with  
Multi-Directional  
Self-Aligning  
Movements

## Radial Spherical Plain Bearings

Explore the Radial Spherical Plain Bearings that meet your application's needs, as well as delivering high reliability, long service life and minimal maintenance.

Plain bearings are used in many industries and across many applications where there is a need to cost-efficiently and reliably meet the challenge of oscillating movements and possible misalignment. From mining and construction equipment, farm and forestry machinery, all the way to forklift trucks and solar power equipment.



GE...ES



GE...ES\_2RS



GEG...ES



GEG...ES\_2RS



GE...LO



GE...HO



GE...UK\_2RS



GE...FW\_2RS

### Hydraulic Rod Ends



#### Hydraulic Cylinder Ends:

GF..DO, GF..LO, GK..DO,  
GIHR..DO, GIHR-K..DO, GIHN-K..LO,  
GIHO-K..DO,  
SI..PK, SIZP..S, SQ..-RS, SQD, SQZ..-RS.

#### Rod Ends:

Rod ends are a cousin to spherical plain bearings. While SPBs provide misalignment of oscillating movement in a fixed environment, rod ends can be mounted to tie rods and other linkages to control varied movement.

#### Types:

SI...T/K, SA...T/K, PHS/PHSB, POS/POSB  
NOS, GIR...DO, GIR...C, GIR...ET 2RS, GAR...DO,  
GAR...C/ET 2RS

### Rod Ends



### Linkages, Ball Joints, Clevises

**LINKAGES:** Endless sizes & varieties as per application specification & drawing

**BALL JOINTS:** Angle joints DIN 71802, Housing DIN 71805, Axial joints similar to DIN 71802

Ball joints ES,FS,QI,QD,PI,DC,DH,MMIL,FF,SQ,BL Series

**CLEVISES, CLIPS AND PINS:**

Clevises-FK, FT series

Knuckle Eyes-KE series, Folding spring bolts - CL

series, Bolts-PC series 09 Bolts-PM,PF,PD series

PM-K retainers for bolts, Washers PC-R series

### Applications

