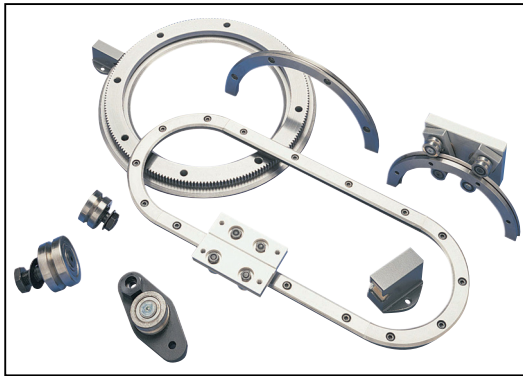


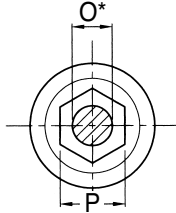
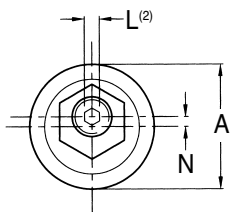
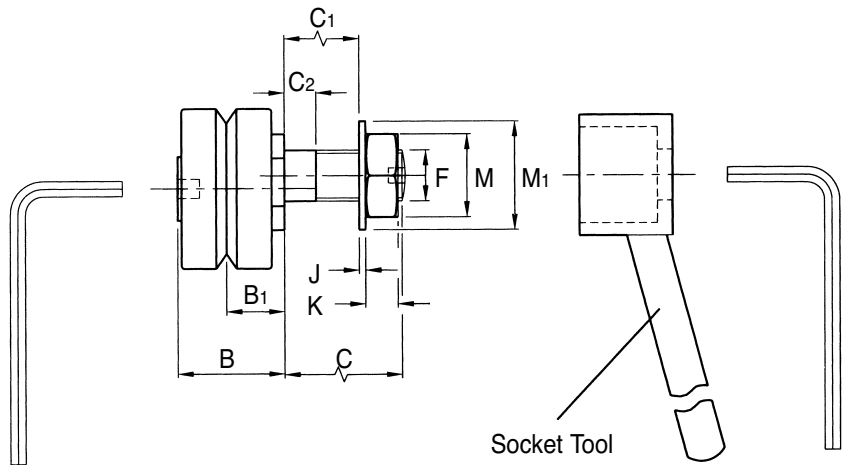
Ring Slide Bearing Assemblies

Through Fixing Type (Short Stud)



Eccentric (E)⁽²⁾

Concentric (C)⁽²⁾



* It is recommended that holes to suit bearing assembly mounting studs should be reamed to tolerance as per dimension 'O' in the table below.

| Part Number | For use with Ring ⁽³⁾ | A | B | B1 ^{+0.025} | C | C1 | C2 | F |
|--------------------------|----------------------------------|------|------|----------------------|------|----|-----|----------|
| RSJ13-CNS ⁽⁵⁾ | R12 | 12.7 | 10.1 | 5.46 | 5.8 | 3 | 2.5 | M4x0.5 |
| RSJ13-ENS ⁽⁵⁾ | R12 | 12.7 | 10.1 | 5.46 | 5.8 | 3 | 2.5 | M4x0.5 |
| RSJ25-C | R25 | 25.0 | 16.6 | 9.00 | 9.8 | 4 | 2.5 | M8x1 |
| RSJ25-E | R25 | 25.0 | 16.6 | 9.00 | 9.8 | 4 | 2.5 | M8x1 |
| RSJ34-C | R44 | 34.0 | 21.3 | 11.50 | 13.8 | 6 | 5.5 | M10x1.25 |
| RSJ34-E | R44 | 34.0 | 21.3 | 11.50 | 13.8 | 6 | 5.5 | M10x1.25 |
| RSJ54-C | R76 | 54.0 | 34.7 | 19.00 | 17.8 | 8 | 6.0 | M14x1.5 |
| RSJ54-E | R76 | 54.0 | 34.7 | 19.00 | 17.8 | 8 | 6.0 | M14x1.5 |

| Part Number | J | K | L | M | M1 | N | O ^{+0.00 *-0.03} | P | Mass g | Price Each |
|--------------------------|------|---|---|----|----|-----|---------------------------------|------|--------|------------|
| RSJ13-CNS ⁽⁵⁾ | 0.80 | 2 | - | 7 | 9 | 1.3 | 4 ^{+0.008 +0.018} | 7.0 | 8 | £46.53 |
| RSJ13-ENS ⁽⁵⁾ | 0.80 | 2 | - | 7 | 9 | 1.3 | 4 ^{+0.008 +0.018} | 7.0 | 8 | £51.34 |
| RSJ25-C | 1.00 | 5 | 3 | 13 | 17 | 2.0 | 8 ^{+0.010 +0.022} | 13.0 | 48 | £42.42 |
| RSJ25-E | 1.00 | 5 | 3 | 13 | 17 | 2.0 | 8 ^{+0.010 +0.022} | 13.0 | 48 | £48.00 |
| RSJ34-C | 1.25 | 6 | 4 | 17 | 21 | 2.5 | 10 ^{+0.010 +0.022} | 15.2 | 115 | £45.10 |
| RSJ34-E | 1.25 | 6 | 4 | 17 | 21 | 2.5 | 10 ^{+0.010 +0.022} | 15.2 | 115 | £51.72 |
| RSJ54-C | 1.60 | 8 | 6 | 22 | 28 | 4.5 | 14 ^{+0.015 +0.027} | 27.0 | 415 | £77.24 |
| RSJ54-E | 1.60 | 8 | 6 | 22 | 28 | 4.5 | 14 ^{+0.015 +0.027} | 27.0 | 415 | £87.59 |

Notes:

⁽¹⁾ All RSJ type eccentric bearing assembly fixing studs are supplied with allen key sockets for adjustment as shown with the exception of the RSJ13-ENS.

⁽²⁾ Nuts and washers are supplied with both concentric and eccentric RSJ type bearing assemblies.

⁽³⁾ Each size of bearing assembly has been designed for use with a specific size of ring (see table above).

However, any bearing assembly may be used in conjunction with any ring larger than that for which it was designed if required by the application.

Also, RSJ34 may be used with R25 and RSJ54 may be used with R44.

⁽⁴⁾ Thread form is metric fine. See 'F' dimension in table above.

⁽⁵⁾ Size 13 are supplied with neoprene seals as standard, as they are miniature. This is indicated by the 'NS' located at the end of the part number.

All other sizes are not shipped with neoprene seals as standard, but are available on request. Add 'NS' to the end of the part number to denote this choice.

Two basic bearing assembly options are available, the standard economy through fixing type which requires access to the retaining nut on the opposite side of the mounting plate, and the blind hole fixing type (please contact sales for further details of this item) for use where access to the opposite side is denied.

The through fixing type is available in two stud lengths (short as standard, long on request) to cater for most applications.

All bearing assemblies incorporate high precision ball races for durability, rigidity and friction free running. The bearings are greased for life and are supplied dust shielded as standard or neoprene sealed upon request⁽⁵⁾.

Bearing assemblies are available in concentric form to provide a datum reference and in eccentric form for ease of system adjustment.

Installation and adjustment of relevant bearing assemblies may be carried out using the adjusting wrench, alternatively, the socket tool with standard hexagon key may be used (see diagrams above for details).

Material

Studs & Nuts: High Tensile Steel, 700MPa (45 ton) Chemically Blackened.