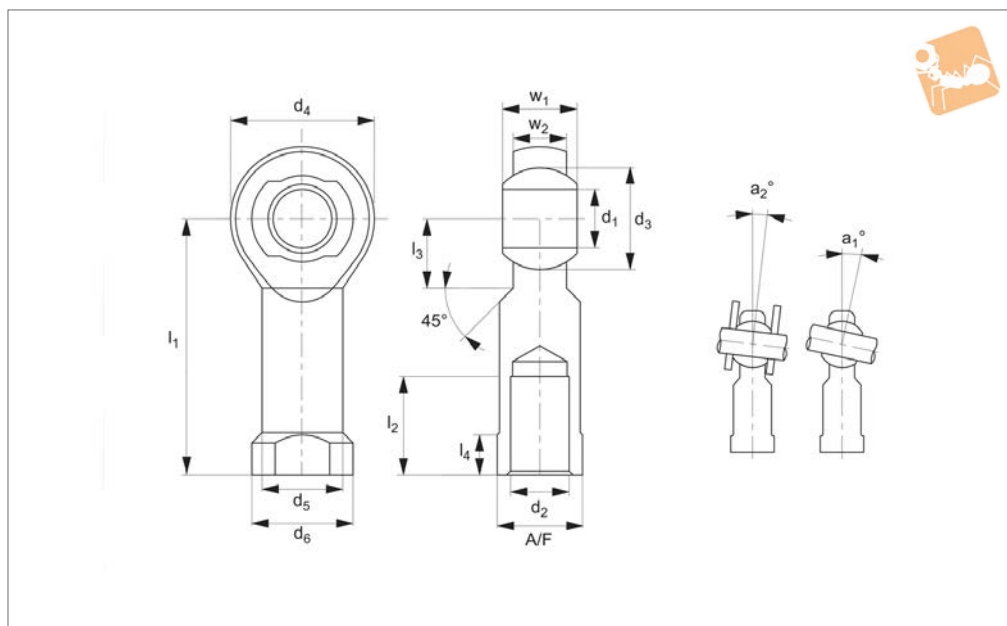




# Imperial Heavy Duty Rod End Female

## Rod Ends



**R3551.i**

ROD ENDS

### Material

Rod end housing - forged steel, tempered, surface galvanized.

Joint ball - ball bearing steel, hardened and ground, polished and chromium

plated.

Race - nylon/teflon/glass compound.

### Technical Notes

Female thread maintenance free adapter

sizes according to DIN ISO 12240-4, series K, thread according to Cetop RP 103P.

### Tips

Standard thread is right hand thread.

| Order No.    | Thread hand | d <sub>1</sub> | l <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | d <sub>4</sub> | d <sub>5</sub> | d <sub>6</sub> | Weight g |
|--------------|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------|
| R3551.I250   | Right       | 0.250          | 1.338          | 1/4-28         | 0.516          | 0.750          | 0.374          | 0.469          | 27       |
| R3551.I375   | Right       | 0.375          | 1.641          | 3/8-24         | 0.719          | 1.000          | 0.567          | 0.689          | 59       |
| R3551.I500   | Right       | 0.500          | 2.145          | 1/2-20         | 0.876          | 1.311          | 0.748          | 0.874          | 127      |
| R3551.I625   | Right       | 0.625          | 2.539          | 5/8-18         | 1.125          | 1.653          | 0.866          | 1.063          | 231      |
| R3551.I750   | Right       | 0.625          | 2.905          | 3/4-16         | 1.249          | 1.750          | 1.000          | 1.126          | 229      |
| R3551.I1000  | Right       | 1.000          | 3.720          | 1-12           | 1.688          | 2.362          | 1.319          | 1.654          | 663      |
| R3551.I1001  | Right       | 1.000          | 3.720          | 1-14           | 1.688          | 2.362          | 1.319          | 1.654          | 663      |
| R3551.IL250  | Left        | 0.250          | 1.338          | 1/4-28         | 0.516          | 0.750          | 0.374          | 0.469          | 27       |
| R3551.IL375  | Left        | 0.375          | 1.641          | 3/8-24         | 0.719          | 1.000          | 0.567          | 0.689          | 59       |
| R3551.IL500  | Left        | 0.500          | 2.145          | 1/2-20         | 0.876          | 1.311          | 0.748          | 0.874          | 127      |
| R3551.IL625  | Left        | 0.625          | 2.539          | 5/8-18         | 1.125          | 1.653          | 0.866          | 1.063          | 231      |
| R3551.IL750  | Left        | 0.625          | 2.905          | 3/4-16         | 1.249          | 1.750          | 1.000          | 1.126          | 229      |
| R3551.IL1000 | Left        | 1.000          | 3.720          | 1-12           | 1.688          | 2.362          | 1.319          | 1.654          | 663      |
| R3551.IL1001 | Left        | 1.000          | 3.720          | 1-14           | 1.688          | 2.362          | 1.319          | 1.654          | 663      |

| Order No.    | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | l <sub>5</sub> | w <sub>1</sub> | w <sub>2</sub> | A/F   | a°   | Dyn. load C kN max. | Static load C <sub>0</sub> kN max. |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|-------|------|---------------------|------------------------------------|
| R3551.I250   | 0.716          | 0.385          | 0.185          | 1.713          | 0.374          | 0.283          | 0.381 | 17.5 | 4.3                 | 12.5                               |
| R3551.I375   | 0.847          | 0.503          | 0.275          | 2.141          | 0.499          | 0.405          | 0.570 | 9.5  | 7.7                 | 22.3                               |
| R3551.I500   | 1.161          | 0.649          | 0.279          | 2.801          | 0.624          | 0.472          | 0.757 | 13.0 | 14.7                | 42.9                               |
| R3551.I625   | 1.102          | 0.885          | 0.350          | 3.366          | 0.826          | 0.590          | 0.866 | 15.5 | 22.4                | 59.6                               |
| R3551.I750   | 1.718          | 0.854          | 0.311          | 3.780          | 0.874          | 0.688          | 1.007 | 11.0 | 24.9                | 66.2                               |
| R3551.I1000  | 1.653          | 1.200          | 0.511          | 4.901          | 1.220          | 0.866          | 1.417 | 15.5 | 45.4                | 118.6                              |
| R3551.I1001  | 1.653          | 1.200          | 0.511          | 4.901          | 1.220          | 0.866          | 1.417 | 15.5 | 45.4                | 118.6                              |
| R3551.IL250  | 0.716          | 0.385          | 0.185          | 1.713          | 0.374          | 0.283          | 0.381 | 17.5 | 4.3                 | 12.5                               |
| R3551.IL375  | 0.847          | 0.503          | 0.275          | 2.141          | 0.499          | 0.405          | 0.570 | 9.5  | 7.7                 | 22.3                               |
| R3551.IL500  | 1.161          | 0.649          | 0.279          | 2.801          | 0.624          | 0.472          | 0.757 | 13.0 | 14.7                | 42.9                               |
| R3551.IL625  | 1.102          | 0.885          | 0.350          | 3.366          | 0.826          | 0.590          | 0.866 | 15.5 | 22.4                | 59.6                               |
| R3551.IL750  | 1.718          | 0.854          | 0.311          | 3.780          | 0.874          | 0.688          | 1.007 | 11.0 | 24.9                | 66.2                               |
| R3551.IL1000 | 1.653          | 1.200          | 0.511          | 4.901          | 1.220          | 0.866          | 1.417 | 15.5 | 45.4                | 118.6                              |
| R3551.IL1001 | 1.653          | 1.200          | 0.511          | 4.901          | 1.220          | 0.866          | 1.417 | 15.5 | 45.4                | 118.6                              |