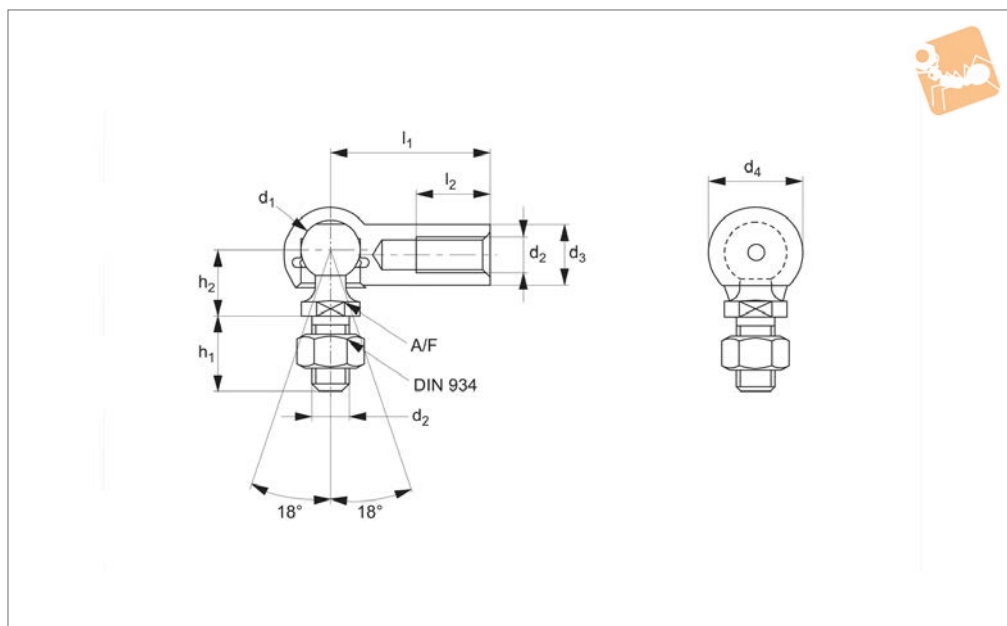




# Stainless Ball and Socket Joints

## Ball & Socket Joints



**R3466**

BALL & SOCKET JOINTS

### Material

Stainless steel (A2, AISI 303).

### Technical Notes

To DIN 71802 form CS, supplied with hexagon nut.

Safety ring aids the retention of the ball

stud in the housing.

\*M14x1,5 is a fine pitch thread.

### Tips

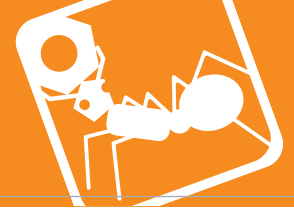
For sealing cap version, see R3476, standard thread is right hand, (for left hand thread see R3467).

### Important Notes

Thread is not full length. There is a min 1.5mm unthreaded shank. If using part without the supplied nut, then please consider a counterbore to accommodate the unthreaded shank.

| Order No.  | Thread hand | d <sub>1</sub> | l <sub>1</sub><br>±0.3 | d <sub>2</sub> | d <sub>3</sub> | d <sub>4</sub> | h <sub>1</sub><br>±0.3 | Weight<br>g |
|------------|-------------|----------------|------------------------|----------------|----------------|----------------|------------------------|-------------|
| R3466.R005 | Right       | 8              | 22                     | M 5            | 8              | 12.8           | 10.2                   | 15.2        |
| R3466.R006 | Right       | 10             | 25                     | M 6            | 10             | 14.8           | 12.5                   | 25.2        |
| R3466.R008 | Right       | 13             | 30                     | M 8            | 13             | 19.3           | 16.5                   | 53.1        |
| R3466.R010 | Right       | 16             | 35                     | M10            | 16             | 24.0           | 20.0                   | 103.8       |
| R3466.R012 | Right       | 16             | 35                     | M12            | 16             | 24.0           | 20.0                   | 103.8       |
| R3466.R014 | Right       | 19             | 45                     | M14x1,5*       | 22             | 30.0           | 28.0                   | 220.9       |
| R3466.R015 | Right       | 19             | 45                     | M14            | 22             | 30.0           | 28.0                   | 220.9       |
| R3466.R016 | Right       | 19             | 45                     | M16            | 22             | 30.0           | 28.0                   | 220.9       |

| Order No.  | h <sub>2</sub><br>±0.3 | l <sub>2</sub><br>min. | A/F<br>tol. h14 | Extraction force<br>kg<br>min. | Static load<br>kg<br>max. | Dyn. load C<br>kg<br>max. | Force required for movement<br>kg<br>max. |
|------------|------------------------|------------------------|-----------------|--------------------------------|---------------------------|---------------------------|-------------------------------------------|
| R3466.R005 | 9                      | 10.2                   | 7               | 3                              | 50                        | 20                        | 3                                         |
| R3466.R006 | 11                     | 11.5                   | 8               | 4                              | 100                       | 40                        | 4                                         |
| R3466.R008 | 13                     | 14.0                   | 11              | 6                              | 200                       | 80                        | 6                                         |
| R3466.R010 | 16                     | 15.5                   | 13              | 8                              | 400                       | 160                       | 8                                         |
| R3466.R012 | 16                     | 15.5                   | 13              | 8                              | 400                       | 160                       | 8                                         |
| R3466.R014 | 22                     | 21.5                   | 16              | 10                             | 800                       | 320                       | 10                                        |
| R3466.R015 | 22                     | 21.5                   | 16              | 10                             | 800                       | 320                       | 10                                        |
| R3466.R016 | 22                     | 21.5                   | 16              | 10                             | 800                       | 320                       | 10                                        |



#### Parts overview



#### Ball and Socket Joints

Ball and socket joints to DIN 71802 available in zinc plated steel and stainless steel. Right and left hand threads available. Sizes M5 up to M16.



#### Axial Ball and Socket Joints

In-line ball and socket joints to DIN 71802 available in zinc plated steel and stainless steel. Sizes M5 up to M14 x 1,5.



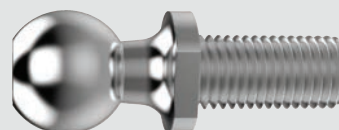
#### Ball and Socket Joints with sealing caps and spanner flats

Ball and socket joints to DIN 71802 available in zinc plated steel and stainless steel. Right and left hand threads available. Spanner flats on housing to aid installation. Sizes M5 up to M16.



#### Quick Release plus other ball and socket joints

Quick release ball joints allow rapid release and reconnection of ball stud for easy installation. DMG6 and male:female ball joints and lockable also available. Sizes M5 up to M10.



#### Threaded Ball Studs

Threaded ball studs to DIN71803 form C available in zinc plated steel. Sizes M5 up to M14.

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[wixroyd.com](http://wixroyd.com)