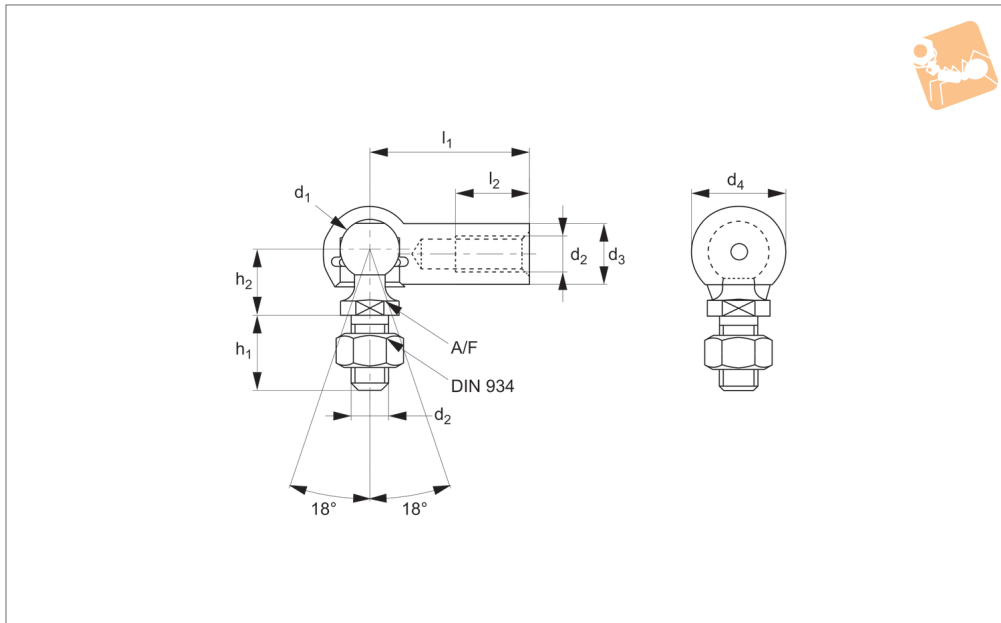




Stainless Ball and Socket Joint with sealing cap

Ball & Socket Joints



R3476

BALL & SOCKET JOINTS

Material

Stainless steel (A2, AISI 303), sealing cap: neoprene.

Technical Notes

Supplied with hexagon nut.
Safety ring aids the retention of the ball

stud in the housing.

*M14x1,5 is a fine pitch thread.

Tips

Standard thread is right hand, (for left hand see R3477).

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 ₁ | l ₁ ±0.3 | d ₂ | d ₃ | d ₄ | h ₁ ±0.3 | Weight g |
|------------|-------------|----------------|------------------------|----------------|----------------|----------------|------------------------|-------------|
| R3476.R005 | Right | 8 | 22 | M 5 | 8 | 12.8 | 10.2 | 15.2 |
| R3476.R006 | Right | 10 | 25 | M 6 | 10 | 14.8 | 12.5 | 25.2 |
| R3476.R008 | Right | 13 | 30 | M 8 | 13 | 19.3 | 16.5 | 53.1 |
| R3476.R010 | Right | 16 | 35 | M10 | 16 | 24.0 | 20.0 | 103.8 |
| R3476.R012 | Right | 16 | 35 | M12 | 16 | 24.0 | 20.0 | 103.8 |
| R3476.R014 | Right | 19 | 45 | M14x1,5* | 22 | 30.0 | 28.0 | 220.9 |
| R3476.R015 | Right | 19 | 45 | M14 | 22 | 30.0 | 28.0 | 220.9 |
| R3476.R016 | Right | 19 | 45 | M16 | 22 | 30.0 | 28.0 | 220.9 |

| Order No. | h ₂ ±0.3 | l ₂ min. | A/F tol. h14 | Extraction force kg min. | Static load kg max. | Dyn. load C kg max. | Force required for movement kg max. |
|------------|------------------------|------------------------|-----------------|--------------------------------|---------------------------|---------------------------|---|
| R3476.R005 | 9 | 10.2 | 7 | 3 | 50 | 20 | 3 |
| R3476.R006 | 11 | 11.5 | 8 | 4 | 100 | 40 | 4 |
| R3476.R008 | 13 | 14.0 | 11 | 6 | 200 | 80 | 6 |
| R3476.R010 | 16 | 15.5 | 13 | 8 | 400 | 160 | 8 |
| R3476.R012 | 16 | 15.5 | 13 | 8 | 400 | 160 | 8 |
| R3476.R014 | 22 | 21.5 | 16 | 10 | 800 | 320 | 10 |
| R3476.R015 | 22 | 21.5 | 16 | 10 | 800 | 320 | 10 |
| R3476.R016 | 22 | 21.5 | 16 | 10 | 800 | 320 | 10 |