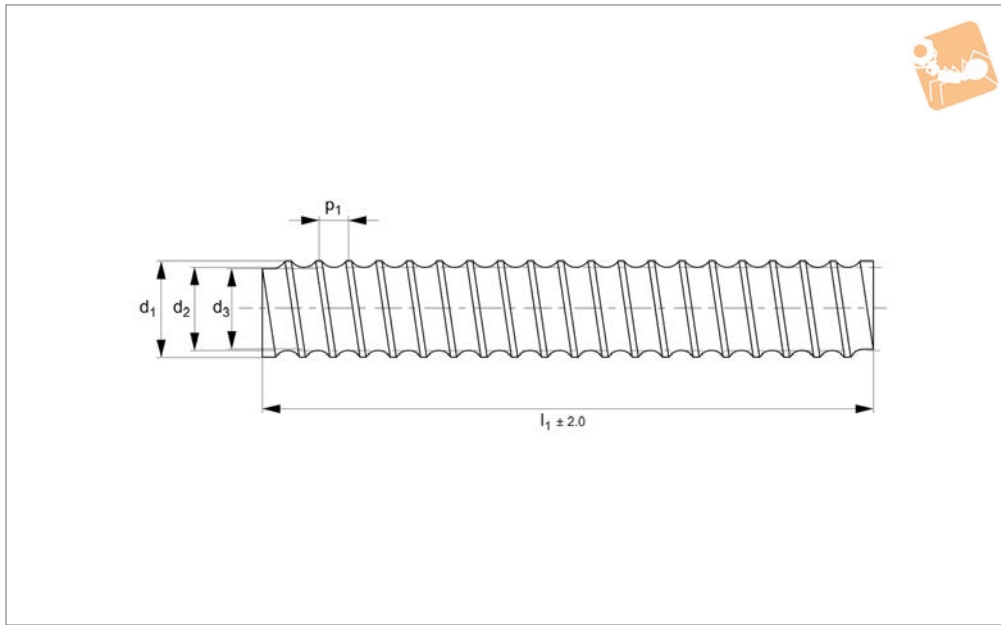
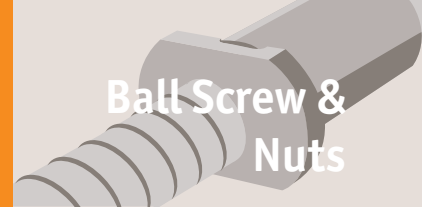




Left Hand Ø16 Ball Screws rolled

Ball Screw & Nuts



L1375.16L

BALL SCREW & NUTS

Material

Steel (CF53 or C55R), induction hardened to 60 HRC ± 2 , polished.

Technical Notes

Gothic profile with a 5 or 10mm lead. Tolerance T7 - 50 μ /300mm. Shorter lengths or longer lengths up to a maximum of 3000mm available.

For ball screw nuts see parts L1370.L& L1371.L - these are left hand nuts. For end screw machining to suit ball screw support units see relevant ball screw supports (L1388-L1406). End machining on request.

Tips

These are non-standard left hand thread

ball screws.

Important Notes

Ensure the ball nut can be fitted to the ball screw after machining. Do not remove the ball nut from the sleeve prior to installation - the balls come free rendering the ball nut unusable.

| Order No. | Screw dia. x lead | Lead | d ₁ | l ₁ | d ₂ | d ₃ | Mass moment of inertia kg·m ² | Weight kg |
|-------------------|-------------------|------|----------------|----------------|----------------|----------------|---|--------------|
| L1375.16L-05-0500 | 16x 5 | 5 | 17.08 | 500 | 16 | 13.90 | 4,45x10 ⁻⁵ | 0.71 |
| L1375.16L-05-0600 | 16x 5 | 5 | 17.08 | 600 | 16 | 13.90 | 4,45x10 ⁻⁵ | 0.85 |
| L1375.16L-05-0800 | 16x 5 | 5 | 17.08 | 800 | 16 | 13.90 | 4,45x10 ⁻⁵ | 1.13 |
| L1375.16L-05-1000 | 16x 5 | 5 | 17.08 | 1000 | 16 | 13.90 | 4,45x10 ⁻⁵ | 1.41 |
| L1375.16L-05-1500 | 16x 5 | 5 | 17.08 | 1500 | 16 | 13.90 | 4,45x10 ⁻⁵ | 2.12 |
| L1375.16L-05-2000 | 16x 5 | 5 | 17.08 | 2000 | 16 | 13.90 | 4,45x10 ⁻⁵ | 2.82 |
| L1375.16L-05-2500 | 16x 5 | 5 | 17.08 | 2500 | 16 | 13.90 | 4,45x10 ⁻⁵ | 3.53 |
| L1375.16L-05-3000 | 16x 5 | 5 | 17.08 | 3000 | 16 | 13.90 | 4,45x10 ⁻⁵ | 4.23 |