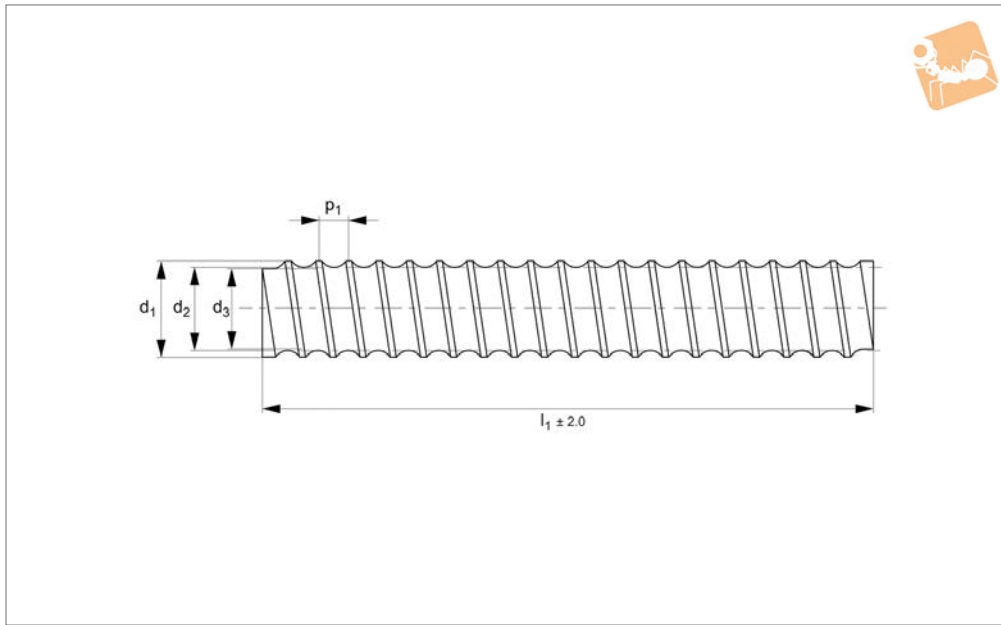




Left Hand Ø 20 Ball Screws rolled

Ball Screw & Nuts



L1375.20L

BALL SCREW & NUTS

Material

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

Technical Notes

Gothic profile with a 5,20 or 50mm 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. Also available as a left hand thread for 5mm pitch.

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	d ₁	l ₁	Lead w ₁	d ₂	d ₃	Mass moment of inertia kg·m ²	Weight kg
L1375.20L-05-0500	20x 5	21.08	500	5	20	17.9	1,12x10 ⁻⁴	1.18
L1375.20L-05-0600	20x 5	21.08	600	5	20	17.9	1,12x10 ⁻⁴	1.41
L1375.20L-05-0800	20x 5	21.08	800	5	20	17.9	1,12x10 ⁻⁴	1.88
L1375.20L-05-1000	20x 5	21.08	1000	5	20	17.9	1,12x10 ⁻⁴	2.35
L1375.20L-05-1500	20x 5	21.08	1500	5	20	17.9	1,12x10 ⁻⁴	3.53
L1375.20L-05-2000	20x 5	21.08	2000	5	20	17.9	1,12x10 ⁻⁴	4.70
L1375.20L-05-2500	20x 5	21.08	2500	5	20	17.9	1,12x10 ⁻⁴	5.88
L1375.20L-05-3000	20x 5	21.08	3000	5	20	17.9	1,12x10 ⁻⁴	7.05