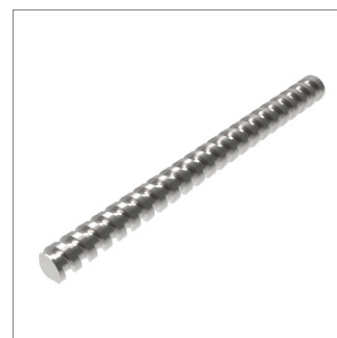
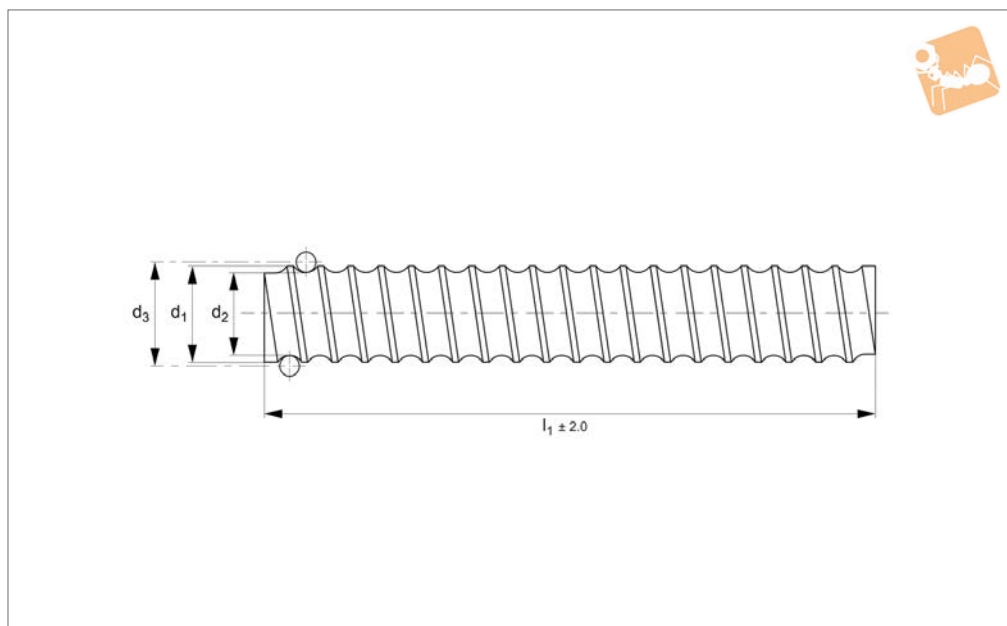
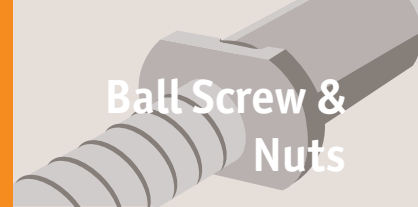




Left Hand Ø 40 Ball Screws rolled

Ball Screw & Nuts



L1375.40L

BALL SCREW & NUTS

Material

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

Technical Notes

Gothic profile with a 5, 10 or 20mm lead. Tolerance T7 - 50 μ /300mm. Shorter lengths or longer lengths up to a maximum of 6000mm 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. d3 = pitch diameter.

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
L1375.40L-05-0500	40x 5	40	500	5	37.9	41.08	1,81x10 ⁻³	4.72
L1375.40L-05-0600	40x 5	40	600	5	37.9	41.08	1,81x10 ⁻³	5.66
L1375.40L-05-0800	40x 5	40	800	5	37.9	41.08	1,81x10 ⁻³	7.55
L1375.40L-05-1000	40x 5	40	1000	5	37.9	41.08	1,81x10 ⁻³	9.44
L1375.40L-05-1500	40x 5	40	1500	5	37.9	41.08	1,81x10 ⁻³	14.16
L1375.40L-05-2000	40x 5	40	2000	5	37.9	41.08	1,81x10 ⁻³	18.88
L1375.40L-05-2500	40x 5	40	2500	5	37.9	41.08	1,81x10 ⁻³	23.60
L1375.40L-05-3000	40x 5	40	3000	5	37.9	41.08	1,81x10 ⁻³	28.32
L1375.40L-05-3500	40x 5	40	3500	5	37.9	41.08	1,81x10 ⁻³	7.55
L1375.40L-05-4000	40x 5	40	4000	5	37.9	41.08	1,81x10 ⁻³	9.44
L1375.40L-05-4500	40x 5	40	4500	5	37.9	41.08	1,81x10 ⁻³	14.16
L1375.40L-05-5000	40x 5	40	5000	5	37.9	41.08	1,81x10 ⁻³	18.88
L1375.40L-05-5500	40x 5	40	5500	5	37.9	41.08	1,81x10 ⁻³	23.60
L1375.40L-05-6000	40x 5	40	6000	5	37.9	41.08	1,81x10 ⁻³	28.32
L1375.40L-10-0500	40x10	40	500	10	35.8	42.15	1,66x10 ⁻³	4.51
L1375.40L-10-0600	40x10	40	600	10	35.8	42.15	1,66x10 ⁻³	5.41
L1375.40L-10-0800	40x10	40	800	10	35.8	42.15	1,66x10 ⁻³	7.22
L1375.40L-10-1000	40x10	40	1000	10	35.8	42.15	1,66x10 ⁻³	9.02
L1375.40L-10-1500	40x10	40	1500	10	35.8	42.15	1,66x10 ⁻³	13.53
L1375.40L-10-2000	40x10	40	2000	10	35.8	42.15	1,66x10 ⁻³	18.04
L1375.40L-10-2500	40x10	40	2500	10	35.8	42.15	1,66x10 ⁻³	22.55
L1375.40L-10-3000	40x10	40	3000	10	35.8	42.15	1,66x10 ⁻³	27.06
L1375.40L-10-3500	40x10	40	3500	10	37.9	41.08	1,81x10 ⁻³	7.55
L1375.40L-10-4000	40x10	40	4000	10	37.9	41.08	1,81x10 ⁻³	9.44
L1375.40L-10-4500	40x10	40	4500	10	37.9	41.08	1,81x10 ⁻³	14.16
L1375.40L-10-5000	40x10	40	5000	10	37.9	41.08	1,81x10 ⁻³	18.88
L1375.40L-10-5500	40x10	40	5500	10	37.9	41.08	1,81x10 ⁻³	23.60
L1375.40L-10-6000	40x10	40	6000	10	37.9	41.08	1,81x10 ⁻³	28.32