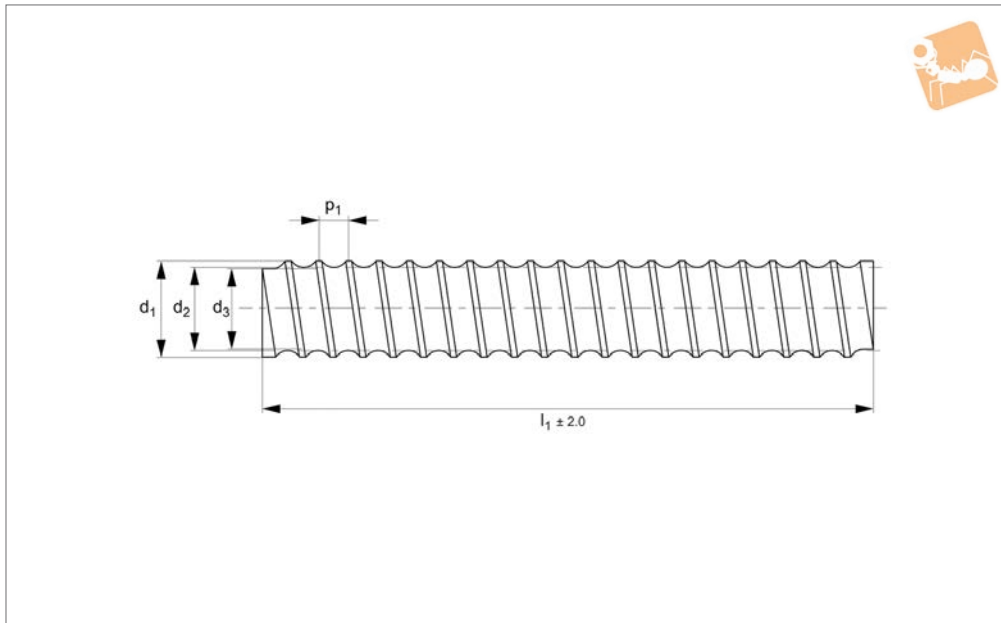
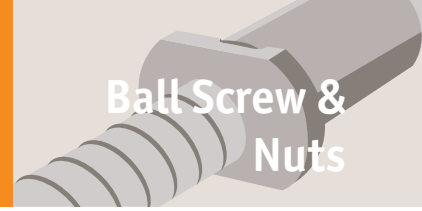




Left Hand Ø 32 Ball Screws rolled

Ball Screw & Nuts



L1375.32L

BALL SCREW & NUTS

Material

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

Technical Notes

Gothic profile with a 5, 10, 20 or 40mm 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.

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
L1375.32L-05-0500	32x 5	33.08	500	5	32	29.9	7,25x10 ⁻⁴	2.99
L1375.32L-05-0600	32x 5	33.08	600	5	32	29.9	7,25x10 ⁻⁴	3.59
L1375.32L-05-0800	32x 5	33.08	800	5	32	29.9	7,25x10 ⁻⁴	4.78
L1375.32L-05-1000	32x 5	33.08	1000	5	32	29.9	7,25x10 ⁻⁴	5.98
L1375.32L-05-1500	32x 5	33.08	1500	5	32	29.9	7,25x10 ⁻⁴	8.97
L1375.32L-05-2000	32x 5	33.08	2000	5	32	29.9	7,25x10 ⁻⁴	11.96
L1375.32L-05-2500	32x 5	33.08	2500	5	32	29.9	7,25x10 ⁻⁴	14.95
L1375.32L-05-3000	32x 5	33.08	3000	5	32	29.9	7,25x10 ⁻⁴	17.94
L1375.32L-05-3500	32x 5	33.08	3500	5	32	29.9	7,25x10 ⁻⁴	4.78
L1375.32L-05-4000	32x 5	33.08	4000	5	32	29.9	7,25x10 ⁻⁴	5.98
L1375.32L-05-4500	32x 5	33.08	3500	5	32	29.9	7,25x10 ⁻⁴	8.97
L1375.32L-05-5000	32x 5	33.08	4000	5	32	29.9	7,25x10 ⁻⁴	11.96
L1375.32L-05-5500	32x 5	33.08	4500	5	32	29.9	7,25x10 ⁻⁴	14.95
L1375.32L-05-6000	32x 5	33.08	6000	5	32	29.9	7,25x10 ⁻⁴	17.94
L1375.32L-10-0500	32x10	34.15	500	10	32	27.8	7,69x10 ⁻⁴	3.08
L1375.32L-10-0600	32x10	34.15	600	10	32	27.8	7,69x10 ⁻⁴	3.70
L1375.32L-10-0800	32x10	34.15	800	10	32	27.8	7,69x10 ⁻⁴	4.93
L1375.32L-10-1000	32x10	34.15	1000	10	32	27.8	7,69x10 ⁻⁴	6.16
L1375.32L-10-1500	32x10	34.15	1500	10	32	27.8	7,69x10 ⁻⁴	9.24
L1375.32L-10-2000	32x10	34.15	2000	10	32	27.8	7,69x10 ⁻⁴	12.32
L1375.32L-10-2500	32x10	34.15	2500	10	32	27.8	7,69x10 ⁻⁴	15.40
L1375.32L-10-3000	32x10	34.15	3000	10	32	27.8	7,69x10 ⁻⁴	18.48
L1375.32L-10-3500	32x10	33.08	3500	10	32	29.9	7,25x10 ⁻⁴	4.78
L1375.32L-10-4000	32x10	33.08	4000	10	32	29.9	7,25x10 ⁻⁴	5.98
L1375.32L-10-4500	32x10	33.08	4500	10	32	29.9	7,25x10 ⁻⁴	8.97
L1375.32L-10-5000	32x10	33.08	5000	10	32	29.9	7,25x10 ⁻⁴	11.96



Order No.	Screw dia. x lead	d_1	l_1	Lead w_1	d_2	d_3	Mass moment of inertia $\text{kg}\cdot\text{m}^2$	Weight kg
L1375.32L-10-5500	32x10	33.08	5500	10	32	29.9	$7,25 \times 10^{-4}$	14.95
L1375.32L-10-6000	32x10	33.08	6000	10	32	29.9	$7,25 \times 10^{-4}$	17.94