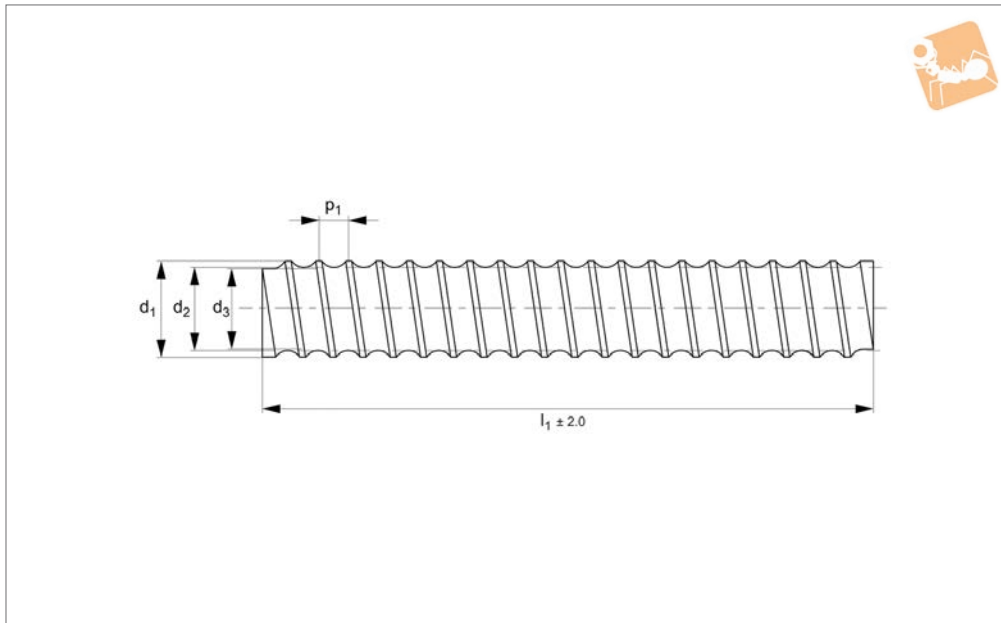
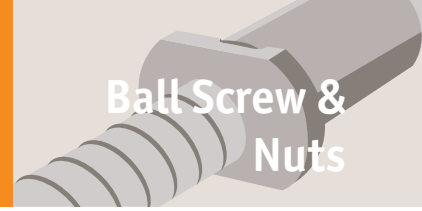




Ø 16 Ball Screws rolled

Ball Screw & Nuts



L1375.16

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-L1374 & L1377.

For end screw machining to suit ball screw support units see relevant ball screw supports (L1388-L1406). End machining on request.

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	d ₂	d ₃	l ₁	Mass moment of inertia kg·m ²	Weight kg
L1375.16-05-0500	16x 5	5	17.08	16	13.90	500	4,45x10 ⁻⁵	0.71
L1375.16-05-0600	16x 5	5	17.08	16	13.90	600	4,45x10 ⁻⁵	0.85
L1375.16-05-0800	16x 5	5	17.08	16	13.90	800	4,45x10 ⁻⁵	1.13
L1375.16-05-1000	16x 5	5	17.08	16	13.90	1000	4,45x10 ⁻⁵	1.41
L1375.16-05-1500	16x 5	5	17.08	16	13.90	1500	4,45x10 ⁻⁵	2.12
L1375.16-05-2000	16x 5	5	17.08	16	13.90	2000	4,45x10 ⁻⁵	2.82
L1375.16-05-2500	16x 5	5	17.08	16	13.90	2500	4,45x10 ⁻⁵	3.53
L1375.16-05-3000	16x 5	5	17.08	16	13.90	3000	4,45x10 ⁻⁵	4.23
L1375.16-10-0500	16x10	10	17.08	16	12.90	500	4,36x10 ⁻⁵	0.73
L1375.16-10-0600	16x10	10	17.08	16	12.90	600	4,36x10 ⁻⁵	0.88
L1375.16-10-0800	16x10	10	17.08	16	12.90	800	4,36x10 ⁻⁵	1.17
L1375.16-10-1000	16x10	10	17.08	16	12.90	1000	4,36x10 ⁻⁵	1.46
L1375.16-10-1500	16x10	10	17.08	16	12.90	1500	4,36x10 ⁻⁵	2.19
L1375.16-10-2000	16x10	10	17.08	16	12.90	2000	4,36x10 ⁻⁵	2.92
L1375.16-10-2500	16x10	10	17.08	16	12.90	2500	4,36x10 ⁻⁵	3.65
L1375.16-10-3000	16x10	10	17.08	16	12.90	3000	4,36x10 ⁻⁵	4.38
L1375.16-16-0500	16x16	16	17.08	16	12.90	500	4,36x10 ⁻⁵	0.73
L1375.16-16-0600	16x16	16	17.08	16	12.90	600	4,36x10 ⁻⁵	0.88
L1375.16-16-0800	16x16	16	17.08	16	12.90	800	4,36x10 ⁻⁵	1.17
L1375.16-16-1000	16x16	16	17.08	16	12.90	1000	4,36x10 ⁻⁵	1.46
L1375.16-16-1500	16x16	16	17.08	16	12.90	1500	4,36x10 ⁻⁵	2.19
L1375.16-16-2000	16x16	16	17.08	16	12.90	2000	4,36x10 ⁻⁵	2.92
L1375.16-16-2500	16x16	16	17.08	16	12.90	2500	4,36x10 ⁻⁵	3.65
L1375.16-16-3000	16x16	16	17.08	16	12.90	3000	4,36x10 ⁻⁵	4.38
L1375.16-20-0500	16x20	20	17.08	16	12.90	500	4,36x10 ⁻⁵	0.73
L1375.16-20-0600	16x20	20	17.08	16	12.90	600	4,36x10 ⁻⁵	0.88
L1375.16-20-0800	16x20	20	17.08	16	12.90	800	4,36x10 ⁻⁵	1.17
L1375.16-20-1000	16x20	20	17.08	16	12.90	1000	4,36x10 ⁻⁵	1.46
L1375.16-20-1500	16x20	20	17.08	16	12.90	1500	4,36x10 ⁻⁵	2.19
L1375.16-20-2000	16x20	20	17.08	16	12.90	2000	4,36x10 ⁻⁵	2.92



Order No.	Screw dia. x lead	Lead	d ₁	d ₂	d ₃	l ₁	Mass moment of inertia kg·m ²	Weight kg
L1375.16-20-2500	16x20	20	17.08	16	12.90	2500	4,36x10 ⁻⁵	3.65
L1375.16-20-3000	16x20	20	17.08	16	12.90	3000	4,36x10 ⁻⁵	4.38
L1375.16-32-0500	16x32	32	17.08	16	12.90	500	4,36x10 ⁻⁵	0.73
L1375.16-32-0600	16x32	32	17.08	16	12.90	600	4,36x10 ⁻⁵	0.88
L1375.16-32-0800	16x32	32	17.08	16	12.90	800	4,36x10 ⁻⁵	1.17
L1375.16-32-1000	16x32	32	17.08	16	12.90	1000	4,36x10 ⁻⁵	1.46
L1375.16-32-1500	16x32	32	17.08	16	12.90	1500	4,36x10 ⁻⁵	2.19
L1375.16-32-2000	16x32	32	17.08	16	12.90	2000	4,36x10 ⁻⁵	2.92
L1375.16-32-2500	16x32	32	17.08	16	12.90	2500	4,36x10 ⁻⁵	3.65
L1375.16-32-3000	16x32	32	17.08	16	12.90	3000	4,36x10 ⁻⁵	4.38