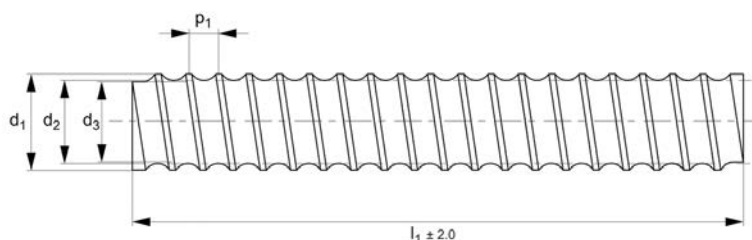
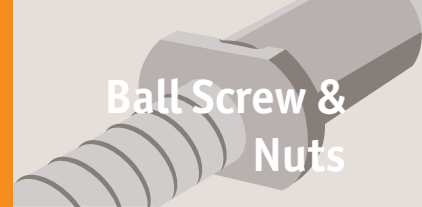




Ø 16 Ball Screws- Anti Corrosion rolled

Ball Screw &
Nuts



L1377.16

BALL SCREW & NUTS

Material

Black chrome 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 6000mm available.

For ball screw nuts see part L1377.

For end screw machining to suit ball screw support units see relevant ball screw supports (L1388-L1406). End machining on request. Anti corrosion finish consists of a thin layer of black chrome and produces good resistance to wear, and a protective effect against corrosion. Layer

thickness 2 μ m to 10 μ m.

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	d ₂	d ₃	Lead w ₁	Mass moment of inertia kg·m ²	Weight kg
L1377.16-05-0500	16x 5	17.08	500	16	13.9	5	4,45x10 ⁻⁵	0.71
L1377.16-05-0600	16x 5	17.08	600	16	13.9	5	4,45x10 ⁻⁵	0.845
L1377.16-05-0800	16x 5	17.08	800	16	13.9	5	4,45x10 ⁻⁵	1.13
L1377.16-05-1000	16x 5	17.08	1000	16	13.9	5	4,45x10 ⁻⁵	1.41
L1377.16-05-1500	16x 5	17.08	1500	16	13.9	5	4,45x10 ⁻⁵	2.12
L1377.16-05-2000	16x 5	17.08	2000	16	13.9	5	4,45x10 ⁻⁵	2.82
L1377.16-05-2500	16x 5	17.08	2500	16	13.9	5	4,45x10 ⁻⁵	3.53
L1377.16-05-3000	16x 5	17.08	3000	16	13.9	5	4,45x10 ⁻⁵	4.23

