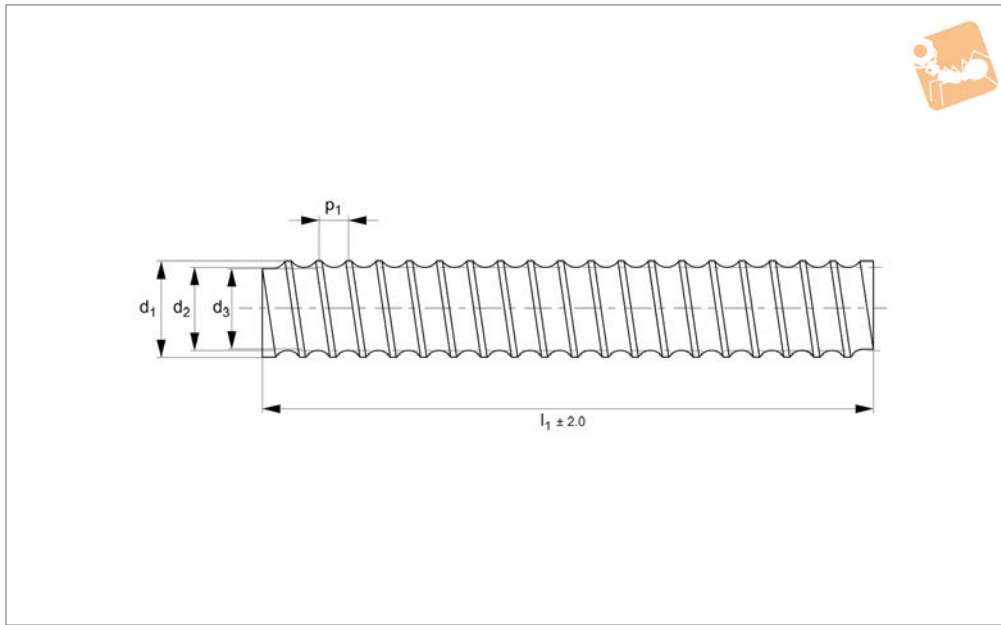
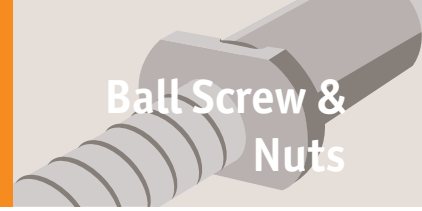




# Ø 16 Ball Screws- Anti Corrosion rolled



**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 - 50µ/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 2µm to 10µm.

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