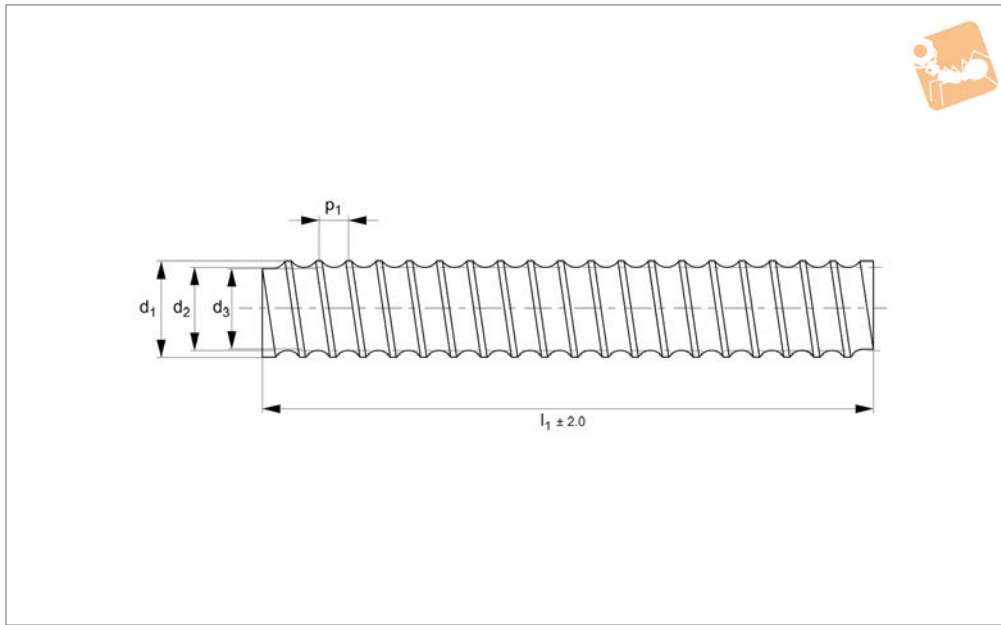
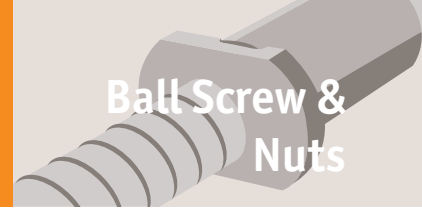




# Ø 20 Ball Screws- Anti Corrosion rolled



**L1377.20**

BALL SCREW & NUTS

**Material**

Black chrome steel (CF53 or C55R), induction hardened to 60 HRC ±2, polished.

**Technical Notes**

Gothic profile with a 5,20 or 50mm 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.

Also available as a left hand thread for 5mm pitch. 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
L1377.20-05-0500	20x 5	21.08	500	20	17.9	5	1,12x10 <sup>-4</sup>	1.18
L1377.20-05-0600	20x 5	21.08	600	20	17.9	5	1,12x10 <sup>-4</sup>	1.41
L1377.20-05-0800	20x 5	21.08	800	20	17.9	5	1,12x10 <sup>-4</sup>	1.88
L1377.20-05-1000	20x 5	21.08	1000	20	17.9	5	1,12x10 <sup>-4</sup>	2.35
L1377.20-05-1500	20x 5	21.08	1500	20	17.9	5	1,12x10 <sup>-4</sup>	3.53
L1377.20-05-2000	20x 5	21.08	2000	20	17.9	5	1,12x10 <sup>-4</sup>	4.70
L1377.20-05-2500	20x 5	21.08	2500	20	17.9	5	1,12x10 <sup>-4</sup>	5.88
L1377.20-05-3000	20x 5	21.08	3000	20	17.9	5	1,12x10 <sup>-4</sup>	7.05