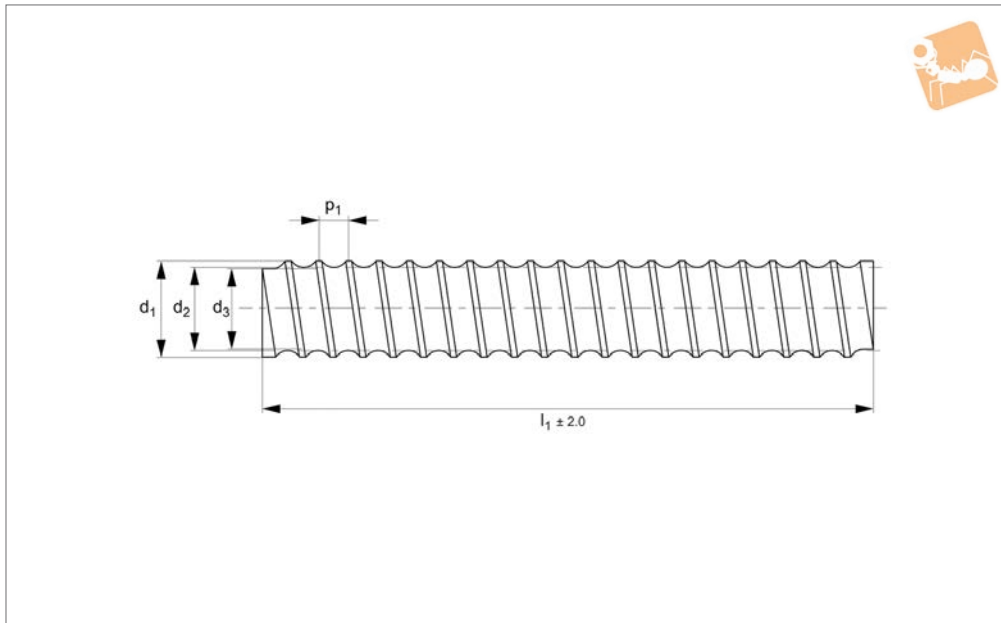
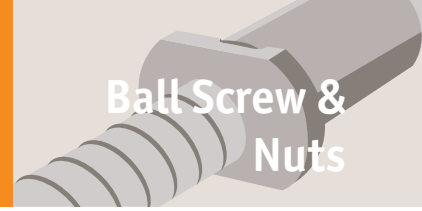




# Ø 40 Ball Screws - Anti Corrosion rolled

Ball Screw & Nuts



**L1377.40**

BALL SCREW & NUTS

### Material

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

### Technical Notes

Gothic profile with a 5, 10 or 20mm 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
L1377.40-05-0500	40x 5	41.08	500	40	37.9	5	1,81x10 <sup>-3</sup>	4.72
L1377.40-05-0600	40x 5	41.08	600	40	37.9	5	1,81x10 <sup>-3</sup>	5.66
L1377.40-05-0800	40x 5	41.08	800	40	37.9	5	1,81x10 <sup>-3</sup>	7.55
L1377.40-05-1000	40x 5	41.08	1000	40	37.9	5	1,81x10 <sup>-3</sup>	9.44
L1377.40-05-1500	40x 5	41.08	1500	40	37.9	5	1,81x10 <sup>-3</sup>	14.16
L1377.40-05-2000	40x 5	41.08	2000	40	37.9	5	1,81x10 <sup>-3</sup>	18.88
L1377.40-05-2500	40x 5	41.08	2500	40	37.9	5	1,81x10 <sup>-3</sup>	23.60
L1377.40-05-3000	40x 5	41.08	3000	40	37.9	5	1,81x10 <sup>-3</sup>	28.32
L1377.40-05-3500	40x 5	41.08	3500	40	37.9	5	1,81x10 <sup>-3</sup>	7.55
L1377.40-05-4000	40x 5	41.08	4000	40	37.9	5	1,81x10 <sup>-3</sup>	9.44
L1377.40-05-4500	40x 5	41.08	4500	40	37.9	5	1,81x10 <sup>-3</sup>	14.16
L1377.40-05-5000	40x 5	41.08	5000	40	37.9	5	1,81x10 <sup>-3</sup>	18.88
L1377.40-05-5500	40x 5	41.08	5500	40	37.9	5	1,81x10 <sup>-3</sup>	23.60
L1377.40-05-6000	40x 5	41.08	6000	40	37.9	5	1,81x10 <sup>-3</sup>	28.32
L1377.40-10-0500	40x10	42.15	500	40	35.8	10	1,66x10 <sup>-3</sup>	4.51
L1377.40-10-0600	40x10	42.15	600	40	35.8	10	1,66x10 <sup>-3</sup>	5.41
L1377.40-10-0800	40x10	42.15	800	40	35.8	10	1,66x10 <sup>-3</sup>	7.22
L1377.40-10-1000	40x10	42.15	1000	40	35.8	10	1,66x10 <sup>-3</sup>	9.02
L1377.40-10-1500	40x10	42.15	1500	40	35.8	10	1,66x10 <sup>-3</sup>	13.53
L1377.40-10-2000	40x10	42.15	2000	40	35.8	10	1,66x10 <sup>-3</sup>	18.04
L1377.40-10-2500	40x10	42.15	2500	40	35.8	10	1,66x10 <sup>-3</sup>	22.55
L1377.40-10-3000	40x10	42.15	3000	40	35.8	10	1,66x10 <sup>-3</sup>	27.06
L1377.40-10-3500	40x10	41.08	3500	40	37.9	10	1,81x10 <sup>-3</sup>	7.55
L1377.40-10-4000	40x10	41.08	4000	40	37.9	10	1,81x10 <sup>-3</sup>	9.44
L1377.40-10-4500	40x10	41.08	4500	40	37.9	10	1,81x10 <sup>-3</sup>	14.16
L1377.40-10-5000	40x10	41.08	5000	40	37.9	10	1,81x10 <sup>-3</sup>	18.88
L1377.40-10-5500	40x10	41.08	5500	40	37.9	10	1,81x10 <sup>-3</sup>	23.60
L1377.40-10-6000	40x10	41.08	6000	40	37.9	10	1,81x10 <sup>-3</sup>	28.32