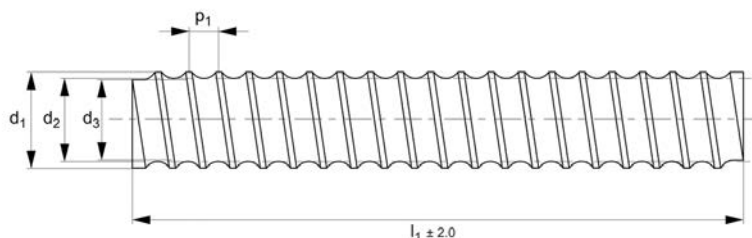
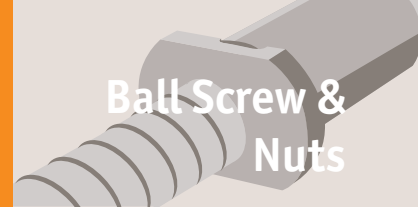




Ø 25 Ball Screws - Anti Corrosion rolled

Ball Screw & Nuts



L1377.25

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 2mm 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
L1377.25-05-0500	25x 5	26.08	500	25	22.9	5	2,62x10 ⁻⁴	1.80
L1377.25-05-0600	25x 5	26.08	600	25	22.9	5	2,62x10 ⁻⁴	2.15
L1377.25-05-0800	25x 5	26.08	800	25	22.9	5	2,62x10 ⁻⁴	2.87
L1377.25-05-1000	25x 5	26.08	1000	25	22.9	5	2,62x10 ⁻⁴	3.59
L1377.25-05-1500	25x 5	26.08	1500	25	22.9	5	2,62x10 ⁻⁴	5.39
L1377.25-05-2000	25x 5	26.08	2000	25	22.9	5	2,62x10 ⁻⁴	7.18
L1377.25-05-2500	25x 5	26.08	2500	25	22.9	5	2,62x10 ⁻⁴	8.98
L1377.25-05-3000	25x 5	26.08	3000	25	22.9	5	2,62x10 ⁻⁴	10.77
L1377.25-05-3500	25x 5	26.08	3500	25	22.9	5	2,62x10 ⁻⁴	2.87
L1377.25-05-4000	25x 5	26.08	4000	25	22.9	5	2,62x10 ⁻⁴	3.59
L1377.25-05-4500	25x 5	26.08	4500	25	22.9	5	2,62x10 ⁻⁴	5.39
L1377.25-05-5000	25x 5	26.08	5000	25	22.9	5	2,62x10 ⁻⁴	7.18
L1377.25-05-5500	25x 5	26.08	5500	25	22.9	5	2,62x10 ⁻⁴	8.98
L1377.25-05-6000	25x 5	26.08	6000	25	22.9	5	2,62x10 ⁻⁴	10.77
L1377.25-10-0500	25x10	27.15	500	25	20.8	10	2,94x10 ⁻⁴	1.91
L1377.25-10-0600	25x10	27.15	600	25	20.8	10	2,94x10 ⁻⁴	2.29
L1377.25-10-0800	25x10	27.15	800	25	20.8	10	2,94x10 ⁻⁴	3.05
L1377.25-10-1000	25x10	27.15	1000	25	20.8	10	2,94x10 ⁻⁴	3.81
L1377.25-10-1500	25x10	27.15	1500	25	20.8	10	2,94x10 ⁻⁴	5.72
L1377.25-10-2000	25x10	27.15	2000	25	20.8	10	2,94x10 ⁻⁴	7.62
L1377.25-10-2500	25x10	27.15	2500	25	20.8	10	2,94x10 ⁻⁴	9.53
L1377.25-10-3000	25x10	27.15	3000	25	20.8	10	2,94x10 ⁻⁴	11.43
L1377.25-10-3500	25x10	26.08	3500	25	22.9	10	2,62x10 ⁻⁴	2.87
L1377.25-10-4000	25x10	26.08	4000	25	22.9	10	2,62x10 ⁻⁴	3.59
L1377.25-10-4500	25x10	26.08	4500	25	22.9	10	2,62x10 ⁻⁴	5.39
L1377.25-10-5000	25x10	26.08	5000	25	22.9	10	2,62x10 ⁻⁴	7.18
L1377.25-10-5500	25x10	26.08	5500	25	22.9	10	2,62x10 ⁻⁴	8.98
L1377.25-10-6000	25x10	26.08	6000	25	22.9	10	2,62x10 ⁻⁴	10.77