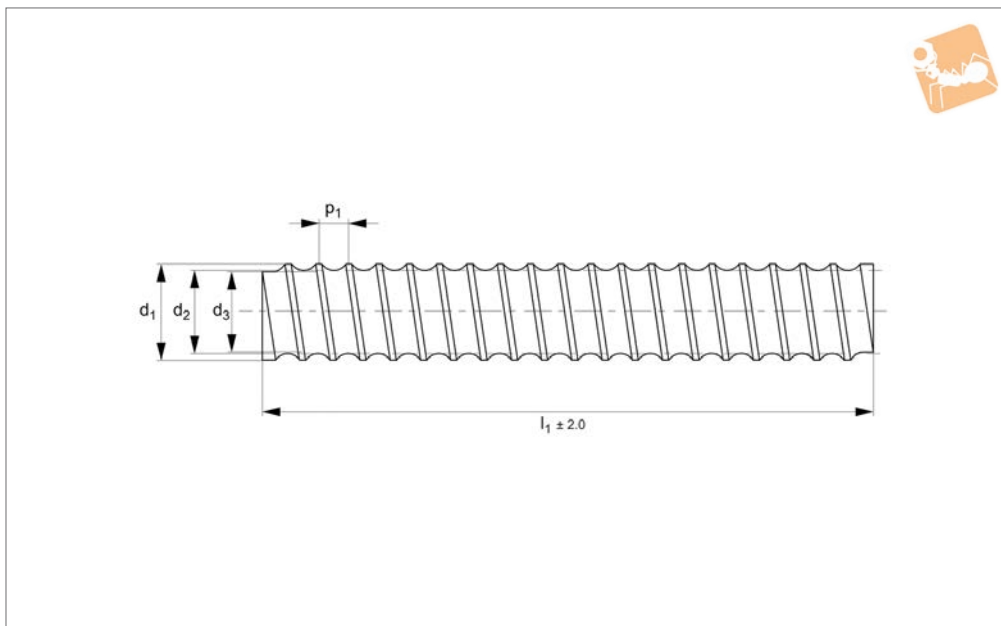
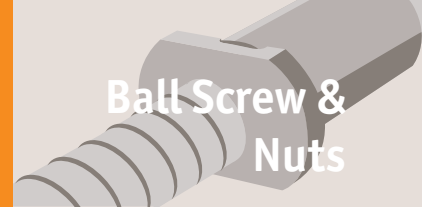




Ø 32 Ball Screws- Anti Corrosion rolled



L1377.32

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, 20 or 40mm 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.

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 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
L1377.32-05-0500	32x 5	33.08	500	32	29.9	5	7,25x10 ⁻⁴	2.99
L1377.32-05-0600	32x 5	33.08	600	32	29.9	5	7,25x10 ⁻⁴	3.59
L1377.32-05-0800	32x 5	33.08	800	32	29.9	5	7,25x10 ⁻⁴	4.78
L1377.32-05-1000	32x 5	33.08	1000	32	29.9	5	7,25x10 ⁻⁴	5.98
L1377.32-05-1500	32x 5	33.08	1500	32	29.9	5	7,25x10 ⁻⁴	8.97
L1377.32-05-2000	32x 5	33.08	2000	32	29.9	5	7,25x10 ⁻⁴	11.96
L1377.32-05-2500	32x 5	33.08	2500	32	29.9	5	7,25x10 ⁻⁴	14.95
L1377.32-05-3000	32x 5	33.08	3000	32	29.9	5	7,25x10 ⁻⁴	17.94
L1377.32-05-3500	32x 5	33.08	3500	32	29.9	5	7,25x10 ⁻⁴	4.78
L1377.32-05-4000	32x 5	33.08	4000	32	29.9	5	7,25x10 ⁻⁴	5.98
L1377.32-05-4500	32x 5	33.08	4500	32	29.9	5	7,25x10 ⁻⁴	8.97
L1377.32-05-5000	32x 5	33.08	5000	32	29.9	5	7,25x10 ⁻⁴	11.96
L1377.32-05-5500	32x 5	33.08	5500	32	29.9	5	7,25x10 ⁻⁴	14.95
L1377.32-05-6000	32x 5	33.08	6000	32	29.9	5	7,25x10 ⁻⁴	14.95
L1377.32-10-0500	32x10	34.15	500	32	27.8	10	7,69x10 ⁻⁴	3.08
L1377.32-10-0600	32x10	34.15	600	32	27.8	10	7,69x10 ⁻⁴	3.70
L1377.32-10-0800	32x10	34.15	800	32	27.8	10	7,69x10 ⁻⁴	4.93
L1377.32-10-1000	32x10	34.15	1000	32	27.8	10	7,69x10 ⁻⁴	6.16
L1377.32-10-1500	32x10	34.15	1500	32	27.8	10	7,69x10 ⁻⁴	9.24
L1377.32-10-2000	32x10	34.15	2000	32	27.8	10	7,69x10 ⁻⁴	12.32
L1377.32-10-2500	32x10	34.15	2500	32	27.8	10	7,69x10 ⁻⁴	15.40
L1377.32-10-3000	32x10	34.15	3000	32	27.8	10	7,69x10 ⁻⁴	18.48
L1377.32-10-3500	32x10	33.08	3500	32	29.9	10	7,25x10 ⁻⁴	4.78
L1377.32-10-4000	32x10	33.08	4000	32	29.9	10	7,25x10 ⁻⁴	5.98
L1377.32-10-4500	32x10	33.08	4500	32	29.9	10	7,25x10 ⁻⁴	8.97
L1377.32-10-5000	32x10	33.08	5000	32	29.9	10	7,25x10 ⁻⁴	11.96
L1377.32-10-5500	32x10	33.08	5500	32	29.9	10	7,25x10 ⁻⁴	14.95
L1377.32-10-6000	32x10	33.08	6000	32	29.9	10	7,25x10 ⁻⁴	14.95