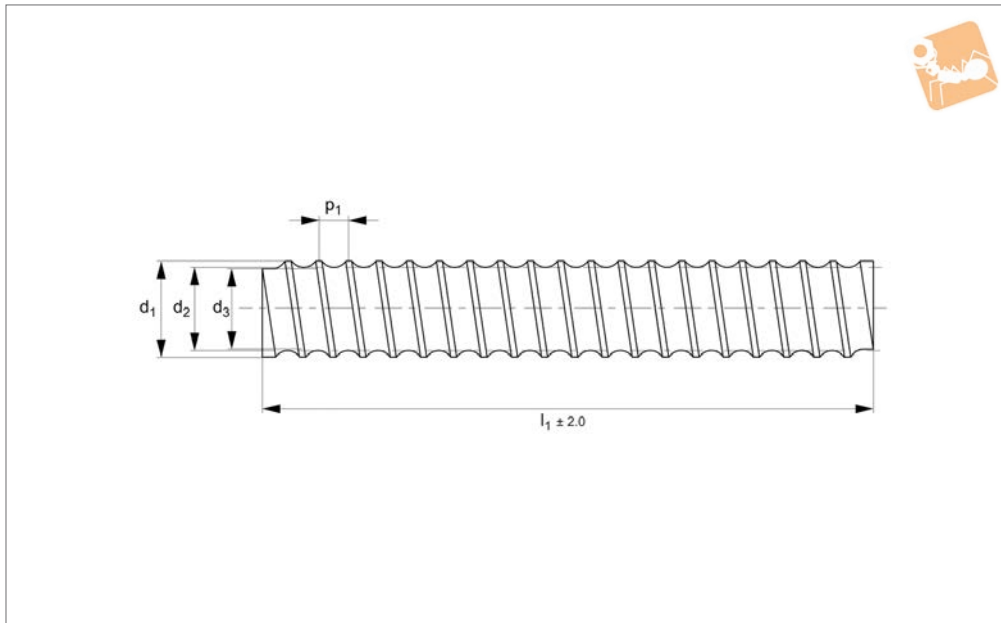
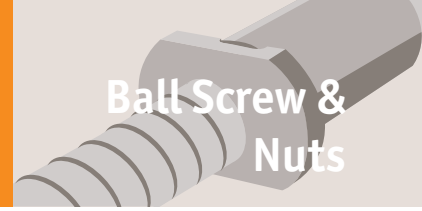




Ø 80 Ball Screws rolled

Ball Screw & Nuts



L1375.80

BALL SCREW & NUTS

Material

Steel (CF53 or C55R), induction hardened to 60 HRC ± 2 , polished.

Technical Notes

Gothic profile with a 10mm lead. Tolerance T7 - 50 μ /300mm. Shorter lengths or longer lengths up to a maximum

of 6500mm available.

For ball screw nuts see parts L1370-L1374 & L1377.

For end screw machining to suit ball screw support units see relevant ball screw supports (L1388-L1406). End machining on request.

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	Lead w_1	d_1	d_2	d_3	l_1	Mass moment of inertia $kg \cdot m^2$	Weight kg
L1375.80-10-0500	80x10	10	82.15	80	75.8	500	$2,89 \times 10^{-2}$	18.88
L1375.80-10-0600	80x10	10	82.15	80	75.8	600	$2,89 \times 10^{-2}$	22.66
L1375.80-10-0700	80x10	10	82.15	80	75.8	700	$2,89 \times 10^{-2}$	26.43
L1375.80-10-0800	80x10	10	82.15	80	75.8	800	$2,89 \times 10^{-2}$	30.21
L1375.80-10-1000	80x10	10	82.15	80	75.8	1000	$2,89 \times 10^{-2}$	37.76
L1375.80-10-1500	80x10	10	82.15	80	75.8	1500	$2,89 \times 10^{-2}$	56.64
L1375.80-10-2000	80x10	10	82.15	80	75.8	2000	$2,89 \times 10^{-2}$	75.52
L1375.80-10-2500	80x10	10	82.15	80	75.8	2500	$2,89 \times 10^{-2}$	94.40
L1375.80-10-3000	80x10	10	82.15	80	75.8	3000	$2,89 \times 10^{-2}$	113.28
L1375.80-10-3500	80x10	10	82.15	80	75.8	3500	$2,89 \times 10^{-2}$	30.21
L1375.80-10-4000	80x10	10	82.15	80	75.8	4000	$2,89 \times 10^{-2}$	37.76
L1375.80-10-4500	80x10	10	82.15	80	75.8	4500	$2,89 \times 10^{-2}$	56.64
L1375.80-10-5000	80x10	10	82.15	80	75.8	5000	$2,89 \times 10^{-2}$	75.52
L1375.80-10-5500	80x10	10	82.15	80	75.8	5500	$2,89 \times 10^{-2}$	94.40
L1375.80-10-6000	80x10	10	82.15	80	75.8	6000	$2,89 \times 10^{-2}$	113.28
L1375.80-10-6500	80x10	10	82.15	80	75.8	6500	$2,89 \times 10^{-2}$	113.28