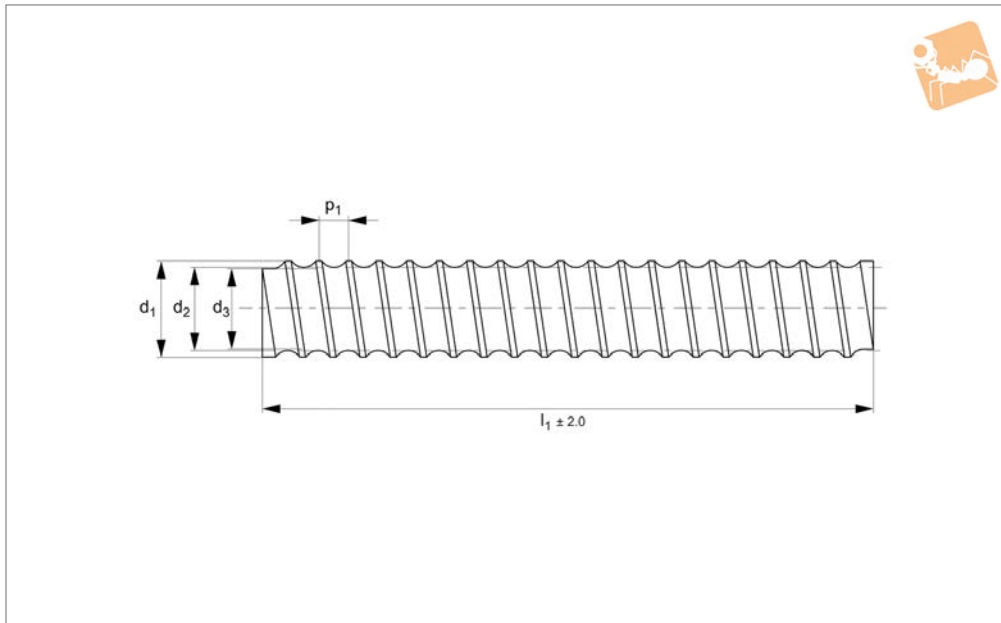
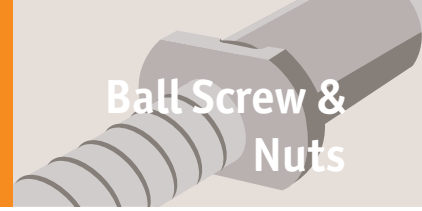




# Ø 63 Ball Screws rolled

## Ball Screw & Nuts



**L1375.63**

BALL SCREW & NUTS

### Material

Steel (CF53 or C55R), induction hardened to 60 HRC  $\pm 2$ , polished.

### Technical Notes

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

of 6000mm 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 $kg$
L1375.63-10-0500	63x10	10	65.15	63	58.8	500	$1,09 \times 10^{-2}$	11.56
L1375.63-10-0600	63x10	10	65.15	63	58.8	600	$1,09 \times 10^{-2}$	13.87
L1375.63-10-0700	63x10	10	65.15	63	58.8	700	$1,09 \times 10^{-2}$	16.18
L1375.63-10-0800	63x10	10	65.15	63	58.8	800	$1,09 \times 10^{-2}$	18.50
L1375.63-10-1000	63x10	10	65.15	63	58.8	1000	$1,09 \times 10^{-2}$	23.12
L1375.63-10-1500	63x10	10	65.15	63	58.8	1500	$1,09 \times 10^{-2}$	34.68
L1375.63-10-2000	63x10	10	65.15	63	58.8	2000	$1,09 \times 10^{-2}$	46.24
L1375.63-10-2500	63x10	10	65.15	63	58.8	2500	$1,09 \times 10^{-2}$	57.80
L1375.63-10-3000	63x10	10	65.15	63	58.8	3000	$1,09 \times 10^{-2}$	69.36
L1375.63-10-3500	63x10	10	65.15	63	58.8	3500	$1,09 \times 10^{-2}$	18.50
L1375.63-10-4000	63x10	10	65.15	63	58.8	4000	$1,09 \times 10^{-2}$	23.12
L1375.63-10-4500	63x10	10	65.15	63	58.8	4500	$1,09 \times 10^{-2}$	34.68
L1375.63-10-5000	63x10	10	65.15	63	58.8	5000	$1,09 \times 10^{-2}$	46.24
L1375.63-10-5500	63x10	10	65.15	63	58.8	5500	$1,09 \times 10^{-2}$	57.80
L1375.63-10-6000	63x10	10	65.15	63	58.8	6000	$1,09 \times 10^{-2}$	69.36
L1375.63-10-6500	63x10	10	65.15	63	58.8	6500	$1,09 \times 10^{-2}$	69.36