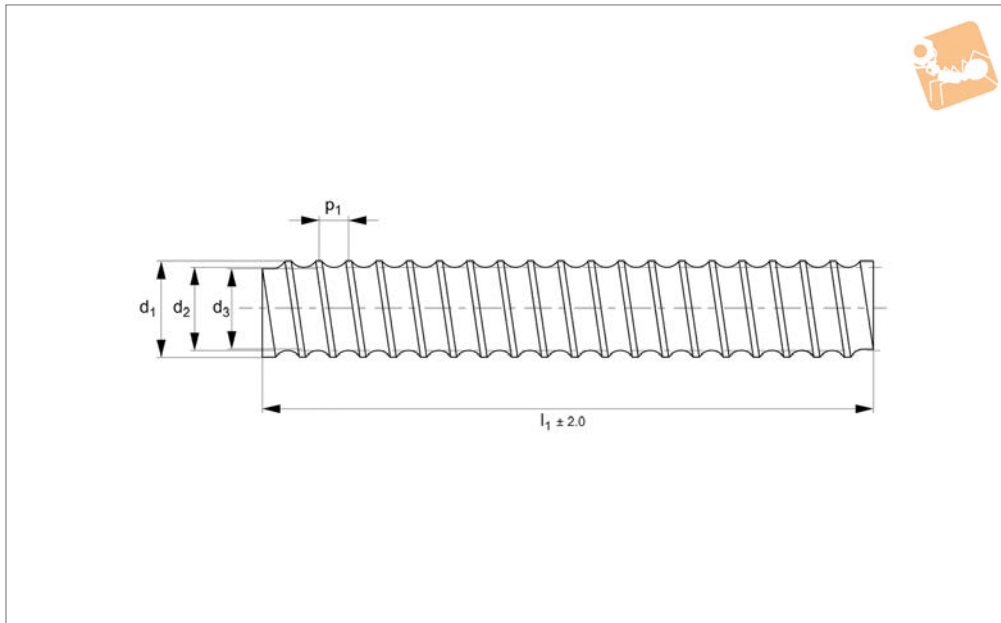
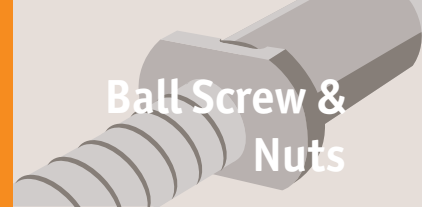




# Ø 32 Ball Screws rolled

## Ball Screw & Nuts



### L1375.32

BALL SCREW & NUTS

#### Material

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

#### Technical Notes

Gothic profile with a 5, 10, 20 or 40mm 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.

Also available as a left hand thread for

5mm pitch.

#### 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 $kg$
L1375.32-05-0500	32x 5	5	33.08	32	29.90	500	$7,25 \times 10^{-4}$	2.99
L1375.32-05-0600	32x 5	5	33.08	32	29.90	600	$7,25 \times 10^{-4}$	3.59
L1375.32-05-0800	32x 5	5	33.08	32	29.90	800	$7,25 \times 10^{-4}$	4.78
L1375.32-05-1000	32x 5	5	33.08	32	29.90	1000	$7,25 \times 10^{-4}$	5.98
L1375.32-05-1500	32x 5	5	33.08	32	29.90	1500	$7,25 \times 10^{-4}$	8.97
L1375.32-05-2000	32x 5	5	33.08	32	29.90	2000	$7,25 \times 10^{-4}$	11.96
L1375.32-05-2500	32x 5	5	33.08	32	29.90	2500	$7,25 \times 10^{-4}$	14.95
L1375.32-05-3000	32x 5	5	33.08	32	29.90	3000	$7,25 \times 10^{-4}$	17.94
L1375.32-05-3500	32x 5	5	33.08	32	29.90	3500	$7,25 \times 10^{-4}$	4.78
L1375.32-05-4000	32x 5	5	33.08	32	29.90	4000	$7,25 \times 10^{-4}$	5.98
L1375.32-05-4500	32x 5	5	33.08	32	29.90	4500	$7,25 \times 10^{-4}$	8.97
L1375.32-05-5000	32x 5	5	33.08	32	29.90	5000	$7,25 \times 10^{-4}$	11.96
L1375.32-05-5500	32x 5	5	33.08	32	29.90	5500	$7,25 \times 10^{-4}$	14.95
L1375.32-05-6000	32x 5	5	33.08	32	29.90	6000	$7,25 \times 10^{-4}$	14.95
L1375.32-10-0500	32x10	10	34.15	32	27.80	500	$7,69 \times 10^{-4}$	3.08
L1375.32-10-0600	32x10	10	34.15	32	27.80	600	$7,69 \times 10^{-4}$	3.70
L1375.32-10-0800	32x10	10	34.15	32	27.80	800	$7,69 \times 10^{-4}$	4.93
L1375.32-10-1000	32x10	10	34.15	32	27.80	1000	$7,69 \times 10^{-4}$	6.16
L1375.32-10-1500	32x10	10	34.15	32	27.80	1500	$7,69 \times 10^{-4}$	9.24
L1375.32-10-2000	32x10	10	34.15	32	27.80	2000	$7,69 \times 10^{-4}$	12.32
L1375.32-10-2500	32x10	10	34.15	32	27.80	2500	$7,69 \times 10^{-4}$	15.40
L1375.32-10-3000	32x10	10	34.15	32	27.80	3000	$7,69 \times 10^{-4}$	18.48
L1375.32-10-3500	32x10	10	33.08	32	29.90	3500	$7,25 \times 10^{-4}$	4.78
L1375.32-10-4000	32x10	10	33.08	32	29.90	4000	$7,25 \times 10^{-4}$	5.98
L1375.32-10-4500	32x10	10	33.08	32	29.90	4500	$7,25 \times 10^{-4}$	8.97
L1375.32-10-5000	32x10	10	33.08	32	29.90	5000	$7,25 \times 10^{-4}$	11.96
L1375.32-10-5500	32x10	10	33.08	32	29.90	5500	$7,25 \times 10^{-4}$	14.95
L1375.32-10-6000	32x10	10	33.08	32	29.90	6000	$7,25 \times 10^{-4}$	14.95
L1375.32-20-0500	32x20	20	33.35	32	29.38	500	$7,76 \times 10^{-4}$	3.19



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
L1375.32-20-0600	32x20	20	33.35	32	29.38	600	$7,76 \times 10^{-4}$	3.82
L1375.32-20-0800	32x20	20	33.35	32	29.38	800	$7,76 \times 10^{-4}$	5.10
L1375.32-20-1000	32x20	20	33.35	32	29.38	1000	$7,76 \times 10^{-4}$	6.37
L1375.32-20-1500	32x20	20	33.35	32	29.38	1500	$7,76 \times 10^{-4}$	9.56
L1375.32-20-2000	32x20	20	33.35	32	29.38	2000	$7,76 \times 10^{-4}$	12.74
L1375.32-20-2500	32x20	20	33.35	32	29.38	2500	$7,76 \times 10^{-4}$	15.93
L1375.32-20-3000	32x20	20	33.35	32	29.38	3000	$7,76 \times 10^{-4}$	19.11
L1375.32-20-3500	32x20	20	33.08	32	29.90	3500	$7,25 \times 10^{-4}$	4.78
L1375.32-20-4000	32x20	20	33.08	32	29.90	4000	$7,25 \times 10^{-4}$	5.98
L1375.32-20-4500	32x20	20	33.08	32	29.90	4500	$7,25 \times 10^{-4}$	8.97
L1375.32-20-5000	32x20	20	33.08	32	29.90	5000	$7,25 \times 10^{-4}$	11.96
L1375.32-20-5500	32x20	20	33.08	32	29.90	5500	$7,25 \times 10^{-4}$	14.95
L1375.32-20-6000	32x20	20	33.08	32	29.90	6000	$7,25 \times 10^{-4}$	14.95
L1375.32-32-0500	32x32	32	32.35	32	28.40	500	$6,89 \times 10^{-4}$	2.91
L1375.32-32-0600	32x32	32	32.35	32	28.40	600	$6,89 \times 10^{-4}$	3.49
L1375.32-32-0800	32x32	32	32.35	32	28.40	800	$6,89 \times 10^{-4}$	4.65
L1375.32-32-1000	32x32	32	32.35	32	28.40	1000	$6,89 \times 10^{-4}$	5.81
L1375.32-32-1500	32x32	32	32.35	32	28.40	1500	$6,89 \times 10^{-4}$	8.72
L1375.32-32-2000	32x32	32	32.35	32	28.40	2000	$6,89 \times 10^{-4}$	11.62
L1375.32-32-2500	32x32	32	32.35	32	28.40	2500	$6,89 \times 10^{-4}$	14.53
L1375.32-32-3000	32x32	32	32.35	32	28.40	3000	$6,89 \times 10^{-4}$	17.43
L1375.32-32-3500	32x32	32	32.35	32	28.40	3500	$6,89 \times 10^{-4}$	4.65
L1375.32-32-4000	32x32	32	32.35	32	28.40	4000	$6,89 \times 10^{-4}$	5.81
L1375.32-32-4500	32x32	32	32.35	32	28.40	4500	$6,89 \times 10^{-4}$	8.72
L1375.32-32-5000	32x32	32	32.35	32	28.40	5000	$6,89 \times 10^{-4}$	11.62
L1375.32-32-5500	32x32	32	32.35	32	28.40	5500	$6,89 \times 10^{-4}$	14.53
L1375.32-32-6000	32x32	32	32.35	32	28.40	6000	$6,89 \times 10^{-4}$	17.43
L1375.32-64-0500	32x64	64	32.35	32	28.40	500	$6,89 \times 10^{-4}$	2.91
L1375.32-64-0600	32x64	64	32.35	32	28.40	600	$6,89 \times 10^{-4}$	3.49
L1375.32-64-0800	32x64	64	32.35	32	28.40	800	$6,89 \times 10^{-4}$	4.65
L1375.32-64-1000	32x64	64	32.35	32	28.40	1000	$6,89 \times 10^{-4}$	5.81
L1375.32-64-1500	32x64	64	32.35	32	28.40	1500	$6,89 \times 10^{-4}$	8.72
L1375.32-64-2000	32x64	64	32.35	32	28.40	2000	$6,89 \times 10^{-4}$	11.62
L1375.32-64-2500	32x64	64	32.35	32	28.40	2500	$6,89 \times 10^{-4}$	14.53
L1375.32-64-3000	32x64	64	32.35	32	28.40	3000	$6,89 \times 10^{-4}$	17.43
L1375.32-64-3500	32x64	64	32.35	32	28.40	3500	$6,89 \times 10^{-4}$	4.65
L1375.32-64-4000	32x64	64	32.35	32	28.40	4000	$6,89 \times 10^{-4}$	5.81
L1375.32-64-4500	32x64	64	32.35	32	28.40	4500	$6,89 \times 10^{-4}$	8.72
L1375.32-64-5000	32x64	64	32.35	32	28.40	5000	$6,89 \times 10^{-4}$	11.62
L1375.32-64-5500	32x64	64	32.35	32	28.40	5500	$6,89 \times 10^{-4}$	14.53
L1375.32-64-6000	32x64	64	32.35	32	28.40	6000	$6,89 \times 10^{-4}$	17.43