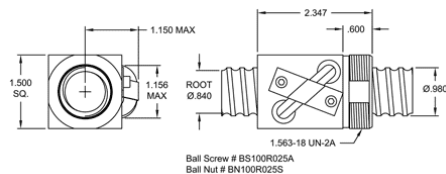


1.000 IN. DIAMETER- 0.250 IN. LEAD

This 1 inch diameter ball screw has a 0.250 inch lead. Corresponding ball nuts are available in standard capacity, high capacity, and ultra-high capacity..

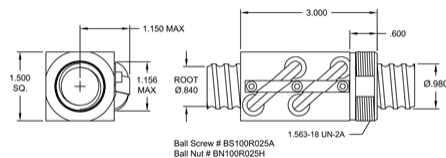
BALL SCREW SPECIFICATIONS	RH	LH
BALL SCREW PART NO.	BS 100 R 025 A	BS 100 L 025 A
NOMINAL BALL CIRCLE DIAMETER	1.000 IN.	
LEAD	0.250 IN.	
SCREW DIAMETER	0.980 IN.	
ROOT DIAMETER	0.840 IN.	
SCREW WEIGHT	2.18 LB./FT.	
TORQUE TO RAISE 1 POUND*	0.044 IN.-LB.	
MAXIMUM SCREW LENGTH	12 FT.	

* Torque to raise 1 pound = 0.177 x inches lead x pounds load



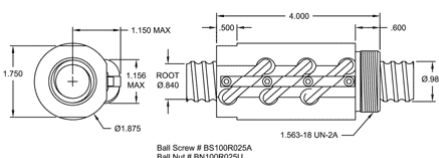
Standard Capacity Ball Nut Specifications (S)

BALL NUT SPECIFICATIONS	RH	LH
BALL NUT PART NO. (STANDARD CAPACITY)	BN 100 R 025 S	BN 100 L 025 S
BALL NUT WITH FLANGE PART NO.	BF 100 R 025 S	BF 100 L 025 S
DYNAMIC LOAD CAPACITY**	1,625 LB.	
STATIC LOAD CAPACITY	13,000 LB.	
BALL NUT WEIGHT	0.83 LB.	
NOMINAL BALL DIA. (AVG. BALL QTY.)	5/32 IN. (85)	
FLANGE PART NO.	FL-1563	
WIPER KIT PART NO.	WK-40	



High Capacity Ball Nut Specifications (H)

BALL NUT SPECIFICATIONS	RH
BALL NUT PART NO. HIGH CAPACITY)	BN 100 R 025 H
BALL NUT WITH FLANGE PART NO.	BF 100 L 025 H
DYNAMIC LOAD CAPACITY**	3,250 LB.
STATIC LOAD CAPACITY	26,000 LB.
BALL NUT WEIGHT	1.12 LB.
NOMINAL BALL DIA. (AVG. BALL QTY.)	5/32 IN. (170)
FLANGE PART NO.	FL-1563
WIPER KIT PART NO.	WK-40



Ultra High Capacity Ball Nut Specifications (U)

ALL NUT SPECIFICATIONS	RH
BALL NUT PART NO. HIGH CAPACITY)	BN 100 R 025 U
BALL NUT WITH FLANGE PART NO.	BF 100 L 025 U
DYNAMIC LOAD CAPACITY**	4,500 LB.
STATIC LOAD CAPACITY	39,000 LB.
BALL NUT WEIGHT	1.92 LB.
NOMINAL BALL DIA. (AVG. BALL QTY.)	5/32 IN. (255)
FLANGE PART NO.	FL-1563
WIPER KIT PART NO.	WK-40B

** for 1,000,000 inches