

Ball Screw and Nut Assemblies

Part Number Configuration

HBA - 0007 - R - A - HBN6311 - 10.00 - 3K - A1 - T7 - S - A

BALL SCREW CODE

Ball Screw Size	Ball Screw Code	Ball Screw Size	Ball Screw Code
.375 x .125	0012	.750 x .500	0015
.500 x .200	0016	.875 x .200	0008
.500 x .500	0025	1.000 x .250	0022
.631 x .200	0007	1.000 x .500	0023
.631 x .500	0017	1.000 x 1.000	0024
.750 x .200	0014		

THREAD DIRECTION

- R = Right Hand
- L = Left Hand

MATERIAL

- A = Alloy Steel
- S = Stainless Steel

BALL NUT PART NUMBER

OVERALL LENGTH (inches)

0000 = No Nut

LEFT END: EZZE MOUNT OR END MACHINING SHAFT EXTENSION

RIGHT END: EZZE MOUNT OR END MACHINING SHAFT EXTENSION

LEAD ACCURACY TOLERANCE GRADE

- S = ~.0003 in/in
- P = ~.0001 in/in

BACKLASH

- S = Standard <.004"
- R = Reduced Lash

ASSEMBLY

- A = Nut assembled on screw, mounting thread facing left end
- B = Nut assembled on screw, mounting thread facing right end
- U = Nut shipped unassembled from screw on arbor

See tables below

- Single bearing supports are used with Type 1N end machining.
- Double bearing supports are used with Type 3K, 3L, or 3N end machining.
- For annealed ends, specify length of annealed end in increments of 1.00"

END MACHINING (see pages 50-51)

1	Type 1	A	Annealed
2	Type 2	XX	Custom
3	Type 3	00	No End Machining
4	Type 4		

SHAFT EXTENSION (see pages 50-51)

K	Keyway
L	No Keyway
N	No Shaft

EZZE-MOUNT

	Double Bearing Support		Single Bearing Support		Motor Mount
	cover plate facing thread	cover plate away from thread	locating boss facing thread	locating boss away from thread	
Universal				n/a	
Flanged					