

**1000-0250 SRT RH / EK / 4N / 41.87 / SBN7508 / FS**

INCH BALL SCREW AND NUT TECHNICAL DATA

**BALL SCREW**

**Thread Form Codes**

Part#	Dia. - Lead	Part#	Dia. - Lead
0375-0125	= 0.375-0.125	1500-0200	= 1.500-0.200
0500-0200	= 0.500-0.200	1500-0250	= 1.500-0.250
0500-0500	= 0.500-0.500	1500-0473	= 1.500-0.473
0631-0200	= 0.631-0.200	1500-0500	= 1.500-0.500
0631-0500	= 0.631-0.500	1500-1000	= 1.500-1.000
0750-0200	= 0.750-0.200	1500-1875	= 1.500-0.875
0750-0500	= 0.750-0.500	1750-0250	= 1.750-0.250
0875-0200	= 0.875-0.200	2000-0200	= 2.000-0.200
1000-0200	= 1.000-0.200	2000-0400	= 2.000-0.400
1000-0250	= 1.000-0.250	2250-0500	= 2.250-0.500
1000-0500	= 1.000-0.500	2250-1000	= 2.250-1.000
1000-1000	= 1.000-1.000	2500-0250	= 2.500-0.250
1150-0200	= 1.150-0.200	2500-0500	= 2.500-0.500
1171-0413	= 1.171-0.413	3000-0660	= 3.000-0.660
1250-0200	= 1.250-0.200	3000-1500	= 3.000-1.500
1250-0500	= 1.250-0.500	4000-1000	= 4.000-1.000

**PRECISION**

SRT = Standard Rolled Thread ±0.004"/ft.  
XPR = Precision Rolled Thread ±0.001"/ft.  
SGT = Precision ground Thread ±0.0005"/ft.

**NOTE:**  
Not all precisions are available for all sizes.

**MATERIAL**

RH = Right Hand Thread      SS = Stainless Steel  
LH = Left Hand Thread

**NOTE:**  
Not all materials/threads are available for all sizes.

**FIRST END CONFIGURATION**

**EZZE-MOUNT™ / End Machining**

(see page 214 & 212)

- 1 = Type 1                      3 = Type 3
- 2 = Type 2                      4 = Type 4

**B** = Universal Double Bearing Support End Cap Facing Screw Thread

**C** = Universal Single Bearing Support

**D** = Flanged Single Bearing Support Flange Facing Screw Thread

**E** = Universal Double Bearing Support End Cap Facing Away From Screw Thread

**F** = Flanged Double Bearing Support Flange Facing Screw Thread

**G** = Flanged Single Bearing Support Flange Facing Away From Screw Thread

**H** = Flanged Double Bearing Support Flange Facing Away From Screw Thread

**U** = Universal Double Bearing Support with Motor Mount (see page 217)

**Y** = Flanged Double Bearing Support with Motor Mount (see page 218)

**00** = No End Machining (Screw will be cut to desired length).

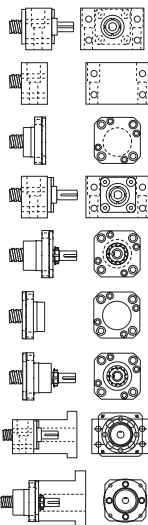
**XX** = Custom Machining (Print or specified data must be provided).

**EK**

**EK** = Universal Double Bearing Support, with Keyway

**Shaft Extension**  
(see page 212)

- K** = Shaft Extension with Keyway
- L** = Shaft Extension without Keyway
- Q** = HandWheel Extension
- N** = No Shaft Extension



**NOTE:** Both Ends must be specified.

Single Bearing Supports are used in conjunction with Type 1N end machining.

Double Bearing Supports are used in conjunction with Type 3K, 3L, or 3N end machining.

**SECOND END CONFIGURATION**

Refer to the First End Configuration section above.

**NOTE:** Both Ends must be specified.

**OVER - ALL - LENGTH (OAL)**

Length in inches, 2 place decimal

**BALL NUT**

Nut will be installed with flange or threaded end toward first end designation. 00000 = No Nut

**MODIFIER LIST**

**F, B, and/or W Optional**  
**F** = Round Flange      **B** = Boot  
**W** = Wiper

**S or M Required**  
**S** = Standard, no additional description required  
**M** = Modified, additional description required