REFERENCE NUMBER SYSTEM: TWIN-LEAD ACME SCREW ASSEMBLIES

105 - TA / EK / 4N / 33.50 / 16.75 / 16.75 / 80105A / 20105A / FS

TWIN-LEAD ACME SCREW

Thread Form Codes

CODE	Dia. - Lead	CODE	Dia. - Lead	CODE	Dia. - Lead	CODE	Dia. - Lead
026 =	1/4"-16*	086 =	7/8"-6	153 =	1-1/2"-2 2/3	253 =	2-1/2"-3
032 =	3/8"-12*	112 =	1"-2	154 =	1-1/2"-4*	254 =	2-1/2"-4
036 =	3/8"-6	104 =	1"-4	155 =	1-1/2"-5	302 =	3"-2
050 =	1/2"-10	105 =	1"-5*	150 =	1-1/2"-10		
063 =	5/8"-2 2/3	106 =	1"-6	174 =	1-3/4"-4		
065 =	5/8"-5	110 =	1"-10*	202 =	2"-2		
068 =	5/8"-8*	111 =	1"-1	204 =	2"-4*		
073 =	3/4"-3	115 =	1-1/8"-5	205 =	2"-5		
075 =	3/4"-5*	124 =	1-1/4"-4	222 =	2-1/4"-2		
076 =	3/4"-6	125 =	1-1/4"-5*	224 =	2-1/4"-4		
070 =	3/4"-10	152 =	1-1/2"-2	252 =	2-1/2"-2		

* These twin-lead screws are stocked without end machining

MATERIAL

T A

T = Twin-Lead

MATERIAL
- **A** = Alloy Steel - Rolled
- **B** = Alloy Steel - Milled
- **C** = Alloy Steel - Ground
- **S** = Stainless Steel - Rolled
- **T** = Stainless Steel - Milled
- **U** = Stainless Steel - Ground

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

FIRST END CONFIGURATION

EZZE-MOUNT™ / End Machining (see page 214 & 212)

EK

EK = Universal Double Bearing Support, with Keyway

1 = Type 1
2 = Type 2
3 = Type 3
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

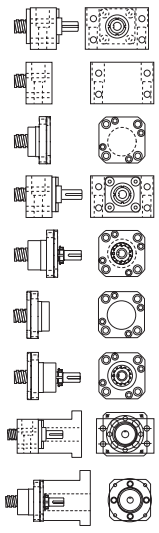
F = Flanged Double Bearing Support Flange Facing Screw Thread

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)



Shaft Extension (see page 212)

- **K** = Shaft Extension with Keyway
- **L** = Shaft Extension without Keyway
- **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.

00 = No End Machining (Screw will be cut to desired length).
XX = Custom Machining (Print or specified data must be provided).

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

LEFT HAND THREAD

Length in inches, 2 place decimal. **NOTE:** See figure on page 44

RIGHT HAND THREAD

Length in inches, 2 place decimal. **NOTE:** See figure on page 44

LEFT HAND ACME NUT

000000 = No Nut

RIGHT HAND ACME NUT

000000 = No Nut

NOTE: To Select the Nut Direction After Nut Part # Add
A = Nut Thread or Flange installed towards center of screw
B = Nut Thread or Flange installed towards end of screw

MODIFIER LIST

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

F Optional
F = Round Flange