

ESS-1625 - RA / EK / 4N / 1063 / ESN-1625-RBN / S

LEAD SCREW

Thread Form Codes

| SPEEDY | Dia. x Lead | SPEEDY | Dia. x Lead | SPEEDY | Dia. x Lead | ISO | Dia. x Lead |
|----------|---------------|----------|---------------|----------|---------------|-----|----------------|
| ESS-0505 | = 5 x 5 | ESS-1245 | = 12 x 45 | ESS-1810 | = 18 x 100 | 900 | = 10 x 3 (1.5) |
| ESS-0520 | = 5 x 20 | ESS-1235 | = 12.8 x 35.6 | ESS-1930 | = 19 x 30 | 901 | = 12 x 3 |
| ESS-0625 | = 6 x 25 | ESS-1320 | = 13 x 20 | ESS-2012 | = 20 x 12 | 902 | = 16 x 4 |
| ESS-0707 | = 7.5 x 7.5 | ESS-1370 | = 13 x 70 | ESS-2045 | = 20 x 45 | 903 | = 20 x 4 |
| ESS-0810 | = 8 x 10 | ESS-1408 | = 14 x 8 | ESS-2220 | = 22 x 20 | 904 | = 26 x 6 |
| ESS-0830 | = 8 x 30 | ESS-1418 | = 14 x 18 | ESS-2250 | = 22 x 50 | 905 | = 47 x 7 |
| ESS-0975 | = 9.7 x 25.4 | ESS-1430 | = 14 x 30 | ESS-2330 | = 23 x 30 | 906 | = 55 x 12 |
| ESS-1010 | = 10 x 10 | ESS-1440 | = 14.3 x 40.6 | ESS-2455 | = 24 x 55 | 907 | = 65 x 12 |
| ESS-1012 | = 10 x 12 | ESS-1580 | = 15 x 80 | ESS-2576 | = 25.7 x 76.2 | | |
| ESS-1035 | = 10 x 35 | ESS-1621 | = 16 x 21 | ESS-2624 | = 26 x 24 | | |
| ESS-1050 | = 10 x 50 | ESS-1625 | = 16 x 25 | ESS-2660 | = 26 x 60 | | |
| ESS-1140 | = 11 x 40 | ESS-1690 | = 16 x 90 | ESS-3028 | = 30 x 28 | | |
| ESS-1160 | = 11 x 60 | ESS-1750 | = 17.6 x 50.8 | ESS-3050 | = 30 x 50 | | |
| ESS-1130 | = 11.2 x 30.5 | ESS-1816 | = 18 x 16 | ESS-3070 | = 30 x 70 | | |
| ESS-1215 | = 12 x 15 | ESS-1824 | = 18 x 24 | ESS-3480 | = 34 x 80 | | |
| ESS-1225 | = 12 x 25 | ESS-1840 | = 18 x 40 | ESS-3620 | = 36 x 200 | | |

THREAD & MATERIAL

RA MATERIAL
THREAD **A** = Alloy Steel - Rolled
R = Right Hand **B** = Alloy Steel - Milled*
L = Left Hand **C** = Alloy Steel - Ground*
S = Stainless Steel - Rolled

T = Stainless Steel - Milled*
U = Stainless Steel - Ground*
 * Only available for ISO Screws

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

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 mm.

TRAVEL NUT

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

Use standard part number found in the Technical Data Section for Metric ISO Trapezoidal and Speedy™ Screws.

Example:

20904 = 26 x 6 ISO Trapezoidal Nut

ESN-1625-RBN = 16 x 25 Speedy™ Bronze Nut

MODIFIER LIST

F Optional (specify for ISO Trapezoidal screws only)
F = Round Flange

S or M Required

S = Standard. no additional description required

M = Modified, additional description required