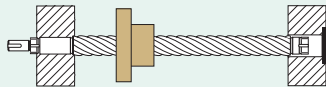


# 18 Speedy™ METRIC THREAD

**LEAD ACCURACY:** ±17.5µm/25mm

## LEAD SCREW ASSEMBLIES

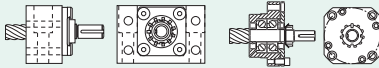
These assemblies are shipped with screw, nut, flange, and bearing supports.



See page 41 for complete product details.

## EZZE-MOUNT™ END BEARING SUPPORTS

A convenient solution for mounting acme screw assemblies.



Single or Double  
Bearing  
Universal Mount

Single or  
Double Bearing  
Flange Mount

**EZZE-MOUNT™ available for:**  
All 18mm Screws  
See page 214 for complete product details.

## LUBRICANT

Prolong lead screw and nut performance with these special lubricants.



PAG-1 1 lb.  
Lead Screw  
Grease

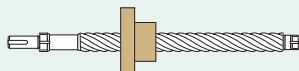
E-100 12 Oz.  
Lead Screw  
Spray Lubricant



See page 14 for complete product details.

## END MACHINING

Machining for Nook standard ends or custom requirement available.



See page 212 for complete product details.

PRODUCT SPECIFICATIONS		SCREW SIZE				
		18x16	18x24	18x40	18x100	
Diameter - A (mm)		18.0	18.7	17.9	18.8	
Lead (mm)		16	24	40	100	
Pitch (mm)		4	3	5	5	
Starts		4	8	8	20	
Weight (kg/m)		1.64	1.85	1.60	1.92	
B - root diameter (mm)		14.3	15.7	14.1	16.2	
Part No. *	RH	Alloy	ESS-1816-RA	ESS-1824-RA	ESS-1840-RA	ESS-1810-RA
		Stainless	ESS-1816-RS	ESS-1824-RS	ESS-1840-RS	ESS-1810-RS
	LH	Alloy	—	ESS-1824-LA	ESS-1840-LA	ESS-1810-LA
		Stainless	—	ESS-1824-LS	ESS-1840-LS	ESS-1810-LS

\* Custom Lengths Available - See page 47 to specify length

BRONZE NUT		18x16	18x24	18x40	18x100
Load Rating (N)		1430	2600	2925	3250
Efficiency		67.6%	73.4%	78.0%	74.3%
Torque to Raise 1 kN (N·m)		3.8	5.2	8.2	21.4
Weight (g)		200	188	194	187
Part No.	RH	ESN-1816-RBN	ESN-1824-RBN	ESN-1840-RBN	ESN-1810-RBN
	LH	—	ESN-1824-LBN	ESN-1840-LBN	ESN-1810-LBN

PLASTIC NUT		18x16	18x24	18x40	18x100
Load Rating (N)		1100	2000	2250	2500
Efficiency		77.4%	82.0%	85.6%	83.7%
Torque to Raise 1 kN (N·m)		3.3	4.6	7.4	19.0
Weight (g)		39	37	39	35
Part No.	RH	ESN-1816-RPN	ESN-1824-RPN	ESN-1840-RPN	ESN-1810-RPN
	LH	—	ESN-1824-LPN	ESN-1840-LPN	ESN-1810-LPN

NUT DIMENSIONS (mm)		18x16	18x24	18x40	18x100
C Nut Diameter		29.5	29.5	29.5	29.5
D Pilot Diameter		30	30	30	30
E Flange Diameter		49	49	49	49
F BCD Mounting Hole		39	39	39	39
G Mounting Hole Diameter		5.1	5.1	5.1	5.1
H Nut Length	Bronze	30	30	30	30
	Plastic	42	42	42	42
J Pilot Width		3	3	3	3
K Flange Width		7	7	7	7