



6 and 7.5 Speedy™ METRIC THREAD

LEAD ACCURACY: ±17.5µm/25mm

LUBRICANT

Prolong lead screw and nut performance with these special lubricants.



E-100 12 Oz.
Lead Screw
Spray Lubricant



PAG-1 1 lb.
Lead Screw
Grease

See page 14 for complete product details.

PRODUCT SPECIFICATIONS		SCREW SIZE		
		6x25	7.5x7.5	
Diameter - A (mm)		7.4	7.7	
Lead (mm)		25	7.5	
Pitch (mm)		1.25	1.25	
Starts		20	6	
Weight (kg/m)		.30	.31	
B - root diameter (mm)		6.3	5.9	
Part No. *	RH	Alloy	ESS-0625-RA	ESS-0707-RA
		Stainless	ESS-0625-RS	ESS-0707-RS
	LH	Alloy	ESS-0625-LA	—
		Stainless	ESS-0625-LS	—

* Custom Lengths Available - See page 47 to specify length

BRONZE NUT		6x25	7.5x7.5
Load Rating (N)		520	585
Efficiency		78.3%	69.4%
Torque to Raise 1 kN (N·m)		5.1	1.7
Weight (g)		77	77
Part No.	RH	ESN-0625-RBN	ESN-0707-RBN
	LH	ESN-0625-LBN	—

PLASTIC NUT		6x25	7.5x7.5
Load Rating (N)		400	450
Efficiency		86.1%	78.9%
Torque to Raise 1 kN (N·m)		4.6	1.5
Weight (g)		15	15
Part No.	RH	ESN-0625-RPN	ESN-0707-RPN
	LH	ESN-0625-LPN	—

NUT DIMENSIONS (mm)		6x25	7.5x7.5
C Nut Diameter		20.5	20.5
D Pilot Diameter		21	21
E Flange Diameter		38	38
F BCD Mounting Hole		29	29
G Mounting Hole Diameter		4.2	4.2
H Nut Length	Bronze	18	18
	Plastic	25	25
J Pilot Width		3	3
K Flange Width		5	5

METRIC LEAD SCREW AND NUT TECHNICAL DATA