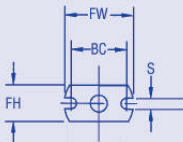
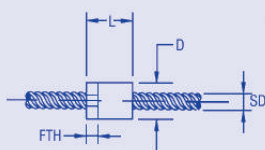


LOW DRAG TORQUE - ANTI-BACKLASH NUT

THREADS
1/8 & 3/16

PRECISION QUALITY



Material: Polyacetal, Engineered Plastic. Includes integrally molded flange.

Order MAS-A2 series Lead Screws (.0006 lead accuracy) separately.

MINI SERIES

ORDER BY CATALOG NUMBER

Series	Screw Diameter	Nut Diameter	Nut Length	Flange Height	Flange Width	Flange Thickness	Slot Width	Bolt Circle Dia.	Dynamic Load	Drag Torque
	SD in (mm)	D in (mm)	L in (mm)	FH in (mm)	FW in (mm)	FTH in (mm)	S in (mm)	BC in (mm)	DY lb (kg)	DT oz-in (nm)
MAH-A6	1/8 (3.18)	0.40 (10.2)	0.50 (13)	0.40 (10.2)	0.75 (19.1)	0.13 (3.2)	0.120 (3.05)	0.600 (15.24)	5 (2.3)	.5 (0.004)
MAH-A7	3/16 (4.76)	0.40 (10.2)	0.50 (13)	0.40 (10.2)	0.75 (19.1)	0.13 (3.2)	0.120 (3.05)	0.600 (15.24)	5 (2.3)	.5 (0.004)

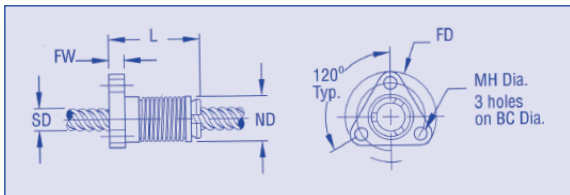
Catalog Number	Nominal Screw Dia.	Lead In or mm	Design Torque (Dynamic)	Drag Torque	Efficiency *
MAH-A6-1	1/8	.012	5 lb (2.3 nm)	.5 oz-in (.004 nm)	26
MAH-A6-2		.024			44
MAH-A6-3		.024			43
MAH-A6-4		.048			61
MAH-A6-5		.048			62
MAH-A6-6		.075			70
MAH-A6-7		.096			75
MAH-A6-8		.096			75
MAH-A6-9		.375			85
MAH-A7-1	3/16	.024	5 lb (2.3 nm)	.5 oz-in (.004 nm)	31
MAH-A7-2		.031			39
MAH-A7-3		.048			50
MAH-A7-4		.050			52
MAH-A7-5		.096			66
MAH-A7-6		.1875			78
MAH-A7-7		.192			78
MAH-A7-8		.250			81
MAH-A7-9		.375			84

* Efficiency for use with Teflon® coated Lead Screws

LOW DRAG TORQUE - ANTI-BACKLASH NUT

THREADS
1/4 - 5/8"

LIGHT DUTY - 15 to 35 lb DESIGN LOAD
PRECISION QUALITY



Material: Polyacetal, Engineered Plastic. Includes integrally molded flange.
Order MAS-A2 series Lead Screws (.0006 lead accuracy) separately.

* Efficiency for use with Teflon® coated Lead Screws

ORDER BY CATALOG NUMBER

Catalog Number	Nominal Screw Diameter NS	Lead In or mm LE	Design Load (Dynamic) DL	Drag Torque DT	Efficiency*	Catalog Number	Nominal Screw Diameter NS	Lead In or mm LE	Design Load (Dynamic) DL	Drag Torque DT	Efficiency*
MAH-A3-1	1/4 6,35 mm	0.025"	5 lb (2 kg)	.5-2 oz-in (.003-.015 nm)	21	MAH-A3-29	7/16 11,11mm	0.125"	15 lb (7kg)	2-5 oz-in (.021-.035 nm)	54
MAH-A3-2		0.050"			MAH-A3-30	0.250"		70			
MAH-A3-3		0.062"			MAH-A3-31	0.500"		80			
MAH-A3-4		0.200"			MAH-A3-32	3,0mm		52			
MAH-A3-5		0.250"			MAH-A3-33	5,0mm		65			
MAH-A3-6		0.500"			MAH-A3-34	6,0mm		70			
MAH-A3-7		1.000"			MAH-A3-35	10,0mm		77			
MAH-A3-8		1,5 mm			MAH-A3-36	12,0mm		80			
MAH-A3-9		2,0 mm			MAH-A3-37	0.100"		46			
MAH-A3-10		3,0 mm			MAH-A3-38	0.200"		63			
MAH-A3-11	3/8 9,35 mm	0.025"	10 lb (5 kg)	1-3 oz-in (.007-.021 nm)	21	MAH-A3-39	1/2 12,70mm	0.250"	25 lb (11 kg)	2-5 oz-in (.021-.042 nm)	67
MAH-A3-12		0.050"			MAH-A3-40	0.333"		73			
MAH-A3-13		0.083"			MAH-A3-41	0.400"		76			
MAH-A3-14		0.100"			MAH-A3-42	0.500"		79			
MAH-A3-15		0.200"			MAH-A3-43	0.800"		83			
MAH-A3-16		0.250"			MAH-A3-44	1.000"		84			
MAH-A3-17		0.300"			MAH-A3-45	2,5mm		46			
MAH-A3-18		0.400"			MAH-A3-46	4,0 mm		58			
MAH-A3-19		0.500"			MAH-A3-47	5,0 mm		62			
MAH-A3-20		0.750"			MAH-A3-48	10,0 mm		76			
MAH-A3-21		1.000"			MAH-A3-49	25,0 mm		84			
MAH-A3-22		1.200"			MAH-A3-50	0.100"		40			
MAH-A3-23		1.500"			MAH-A3-51	0.125"		45			
MAH-A3-24	2,0 mm	MAH-A3-52	0.200"	56							
MAH-A3-25	4,0 mm	MAH-A3-53	0.500"	73							
MAH-A3-26	5,0 mm	MAH-A3-54	8,0 mm	68							
MAH-A3-27	12,0 mm			82							
MAH-A3-28	25,0 mm			84							

Standard Mounting Dimensions

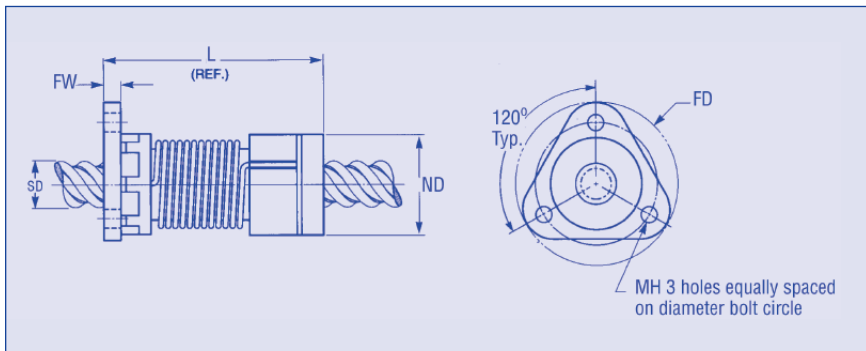
Screw Diameter SD	Nut Diameter ND (Max)	Nut Length L	Flange Diameter FD	Flange Width FW	Mounting Holes MH	Bolt Circle Dia. BC
1/4"	.50"	1.0"	1.00"	.18"	.143"	.750"
3/8	.70	1.9	1.50	.18	.200	1.125
7/16	.80	1.9	1.50	.18	.200	1.125
1/2	.89	2.0	1.62	.26	.200	1.250
5/8	1.06	2.0	1.75	.26	.200	1.375

Available with thread mount - Please inquire

LOW DRAG TORQUE - ANTI-BACKLASH NUT

THREADS
3/8"

MEDIUM DUTY - 20 lb DESIGN LOAD
PRECISION QUALITY



Material: Polyacetal, Engineered Plastic. Integrally molded flange included.
Order MAS-A2 series lead screws (.0006 lead accuracy) separately.

ORDER BY CATALOG NUMBER

Catalog Number	Nominal Screw Diameter NS	Lead Inch or mm LE	Design Load (Dynamic) DL	Drag Torque DT	Efficiency
MAH-A4-1 MAH-A4-2 MAH-A4-3 MAH-A4-4 MAH-A4-5 MAH-A4-6 MAH-A4-7 MAH-A4-8 MAH-A4-9 MAH-A4-10 MAH-A4-11 MAH-A4-12 MAH-A4-13	3/8"	0.025" 0.050" 0.083" 0.100" 0.200" 0.250" 0.300" 0.400" 0.500" 0.750" 1.000" 1.200" 1.500"	20 lb (10kg)	1-3 oz-in (.007 - .02 nm)	21 35 50 53 69 60 76 79 81 84 84 84
MAH-A4-14 MAH-A4-15 MAH-A4-16 MAH-A4-17 MAH-A4-18		2,0 mm 4,0 mm 5,0 mm 12,0 mm 25,0 mm			47 65 69 80 84

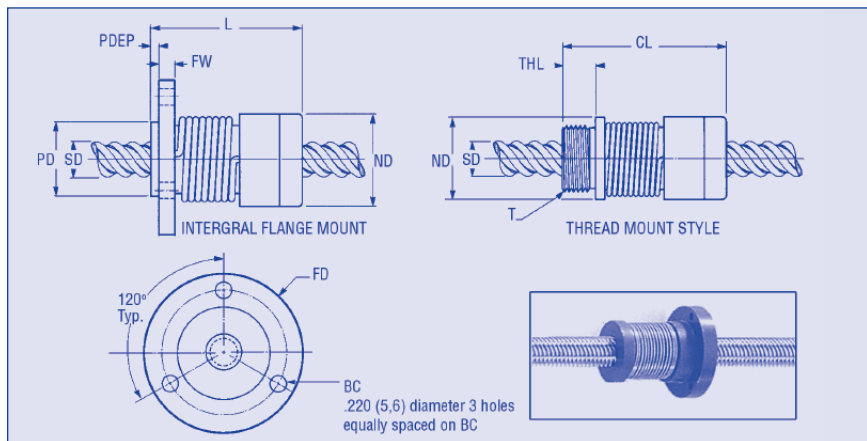
Standard Mounting Dimensions

Screw Dia. SD	Nut Diameter ND (Max)	Nut Length L	Flange Dia. FD	Flange Width FW	Mounting Hole MH	Bolt Circle Dia. BC
3/8" (9,53 mm)	.80" (20,32 mm)	2.0" (50,80 mm)	1.5" (38,10 mm)	.19" (4,83 mm)	.20" (5,08 mm)	1.125" (28,58 mm)

LOW DRAG TORQUE - ANTI-BACKLASH NUTS

THREADS
1/2, 5/8, 3/4

HEAVY DUTY - 150 TO 350 lb DESIGN LOAD
PRECISION QUALITY



Material: Polyacetal, Engineered Plastic. Including Integrally molded flange if applicable.

Order MAS-A2 series lead screws (.0006 lead accuracy) separately.

ORDER BY CATALOG NUMBER

Standard Mounting Dimensions

Screw Diameter SD	Nut Diameter ND (Max)	Nut Length L	Nut Length CL	Flange Diameter FD	Flange Width FW	Pilot Diameter PD	Pilot Depth PDEP	Bolt Circle Diameter BC	Thread T	Thread Length THL
1/2"	1.12	2.3	2.5	1.75	.23	.93	.12	1.406	.937-16	3/8
5/8"	1.38	2.6	2.8	2.12	.30	---	---	1.75	1.25-16	1/2
3/4"	1.62	2.8	---	2.38	.31	---	---	2.00	---	---

Catalog Number	Nominal Screw Diameter	Lead in or mm	Design Load (Dynamic)	Drag Torque	Efficiency*
MAH-A5-1	1/2" 12,70mm	0.100"	150 lb 68 kg	2-6 oz-in .01-.04 nm	46
MAH-A5-2		0.200"			63
MAH-A5-3		0.250"			67
MAH-A5-4		0.333"			73
MAH-A5-5		0.400"			76
MAH-A5-6		0.500"			79
MAH-A5-7		0.800"			83
MAH-A5-8		1.000"			84
MAH-A5-9	5/8" 15,88mm	2.5 mm	250lb 159 kg	2-6 oz-in .01-.04 nm	46
MAH-A5-10		4.0 mm			58
MAH-A5-11		5.0 mm			62
MAH-A5-12		10.0 mm			76
MAH-A5-13		25.0 mm			84
MAH-A5-14	3/4"	0.100"	250lb 159 kg	2-6 oz-in .01-.04 nm	41
MAH-A5-15		0.125"			47
MAH-A5-16		0.200"			59
MAH-A5-17		0.500"			77
MAH-A5-18		8.0 mm			67

Catalog Number	Nominal Screw Diameter	Lead in or mm	Design Load (Dynamic)	Drag Torque	Efficiency*
MAH-A5-19	3/4" 9,05 mm	0.100"	350 lb 159 kg	3-7 oz-in .02-.05 mm	35
MAH-A5-20		0.166"			47
MAH-A5-21		0.200"			52
MAH-A5-22		0.250"			57
MAH-A5-23		0.500"			73
MAH-A5-24		1.000"			81
MAH-A5-25		1.500"			84
MAH-A5-26		2.000"			84
MAH-A5-27		2.400"			84
MAH-A5-28		5.0 mm			5.0 mm
MAH-A5-29	10.00 mm		68		
MAH-A5-30	15.00 mm		75		
MAH-A5-31	24.00 mm		81		
MAH-A5-32	50.00 mm		85		

NOTE: 1/2 & 5/8 nuts are thread mounted. To order integral flange add **F** to end of catalog number.
3/4" nuts are only available in integral flange mount.

* Efficiency for use with Teflon® coated Lead Screws