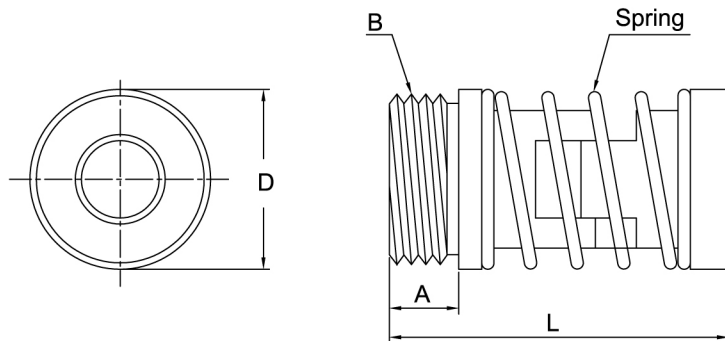


Lead Screws & Nuts

ACME Lead Screw Anti - Backlash Style Nuts

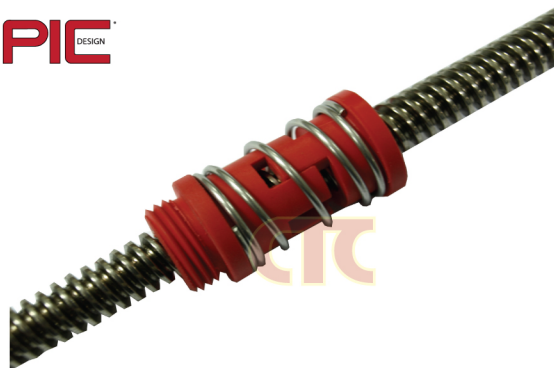


Specifications

Temperature range : Min. 0 – C, Max. 82 – C.

Material : Nut - Turcite X (Acetal - Teflon and Silicone filled)

Material : Spring-300 series stainless steel



Preload may be increased slightly by adding a shim behind the spring or decreased by repositioning one - half of the nut assembly away from the opposite half.

Lubrication is recommended for continuous duty and high speed applications.

It is recommended that drive motors be selected with at least 50% additional torque to handle other system inefficiencies.

Inch Size

Major Dia. (In.)	Lead (In.)	AB Nut Dimensions (In.)					Flang No.	Max. Preload (lbs.)	Max. Load for Zero Backlash (lbs.)	Torque* (Oz.-In.)	Number	Price ₪
		D	L		A	B						
			Max.	Min.								
3/16	0.050	0.62	1.34	1.12	3/16	9/16-18	9F82 7753	5.25	5	6.7	2N80 7446	---
1/4	0.050	0.62	1.34	1.12	3/16	9/16-18	9F82 7753	5.25	5	6.7	2N80 7447	---
1/4	0.0625	0.62	1.34	1.12	3/16	9/16-18	9F82 7753	5.25	5	6.1	2N80 7448	---
5/16	0.500	0.75	1.7	1.4	1/4	5/8-18	9F82 7751	5.25	5	10.9	2N80 7449	---
3/8	0.050	0.75	1.7	1.4	1/4	5/8-18	9F82 7751	5.25	5	11.0	2N80 7450	---
3/8	0.0625	0.75	1.7	1.4	1/4	5/8-18	9F82 7751	5.25	5	8.5	2N80 7451	---
3/8	0.100	0.75	1.7	1.4	1/4	5/8-18	9F82 7751	5.25	5	7.0	2N80 7452	---
3/8	0.125	0.75	1.7	1.4	1/4	5/8-18	9F82 7751	5.25	5	7.0	2N80 7453	---
3/8	0.200	0.75	1.7	1.4	1/4	5/8-18	9F82 7751	5.25	5	7.3	2N80 7454	---
3/8	0.250	0.75	1.7	1.4	1/4	5/8-18	9F82 7751	5.25	5	8.0	2N80 7455	---
3/8	0.500	0.75	1.7	1.4	1/4	5/8-18	9F82 7751	5.25	5	11.2	2N80 7456	---
3/8	1.000	0.75	1.7	1.4	1/4	5/8-18	9F82 7751	5.25	5	19.4	2N80 7457	---
3/8	1.250	0.75	1.7	1.4	1/4	5/8-18	9F82 7751	5.25	5	23.1	2N80 7458	---
7/16	0.250	1.00	2.00	1.7	5/16	15/16-16	9F82 7752	11.55	11	18.6	2N80 7459	---
7/16	0.500	1.00	2.00	1.7	5/16	15/16-16	9F82 7752	11.55	11	25.3	2N80 7460	---
1/2	0.100	1.00	2.00	1.7	5/16	15/16-16	9F82 7752	11.55	11	19.3	2N80 7461	---
1/2	0.200	1.00	2.00	1.7	5/16	15/16-16	9F82 7752	11.55	11	19.1	2N80 7462	---
5/8	0.100	1.00	2.00	1.7	5/16	15/16-16	9F82 7752	11.55	11	22.8	2N80 7463	---
5/8	0.125	1.00	2.00	1.7	5/16	15/16-16	9F82 7752	11.55	11	21.9	2N80 7464	---
5/8	0.200	1.00	2.00	1.7	5/16	15/16-16	9F82 7752	11.55	11	21.8	2N80 7465	---

Metric Size

Major Dia. (mm)	Lead (mm)	AB Nut Dimensions (mm)					Flang No.	Max. Preload (kg.)	Max. Load for zero backlash (kg.)	Torque* (NM)	Number	Price ₪
		D	L		A	B						
			Max.	Min.								
4.0	1.0	15	30	25	5.0	M12 X 1.5	9F82 7754	2.4	2.3	.093	2N80 7466	---
8.0	2.0	15	30	25	5.0	M12 X 1.5	9F82 7754	2.4	2.3	.124	2N80 7467	---
10.0	2.0	25	50	43	6.4	M20 X 1.5	9F82 7755	5.2	5.0	.280	2N80 7468	---
10.0	6.0	25	50	43	6.4	M20 X 1.5	9F82 7755	5.2	5.0	.275	2N80 7469	---
14.0	4.0	25	50	43	6.4	M20 X 1.5	9F82 7755	5.2	5.0	.295	2N80 7470	---

* Torque figures are based on three factors : Load, preload and efficiency.