

Lead Screws

Lead Screws — 3/16" to 7/16" Diameter



Nominal Major Diameter	Lead	Precision Prefix	Standard Prefix	BSA Part No.	Avail in Left Hand	Material	Root Diameter	Recommended Bearing
3/16"	0.050	SPR	SRA	1820	L	Stainless Steel	0.12	N/A
1/4"	0.050	SPR	SRA	2520	L	Stainless Steel	0.19	4mm
	0.063			2516	L		0.17	
	0.250			4-2516			0.17	
	0.500	N/A		7-2514			0.16	
5/16"	0.083	SPR	SRA	3112	L	Stainless Steel	0.22	4mm
	0.167			2-3112			0.20	
	0.250			2-3108S			0.22	
	0.500			4-3108S			0.21	
3/8"	0.0625	SPR	SRA	3716	L	Stainless Steel	0.30	4mm
	2mm			37x2M	L		0.28	
	0.083			3712	L		0.28	
	0.100			3710	L		0.26	
	0.125			3708S	L		0.29	
	0.167			2-3712S			0.31	
	0.200			2-3710			0.26	
	0.250			2-3708S	L		0.29	
	0.375			4-3711	L		0.27	
	0.500			4-3708S	L		0.27	
	1.00	N/A		5-3705			0.24	
	1.20			5-3704			0.24	
10mm	2mm	SPT	SRT	10x2M	L	Stainless Steel	0.31	4mm
	3mm			10x3M	L		0.25	
	5mm	SPR	SRA	2-10x2.5M			0.27	
	6mm			4-10x1.5M			0.31	
	10mm			5-10x2M			0.29	
	20mm			6-10x3.3M			0.30	
	35mm	N/A	10-10x3.5M		0.29			
7/16"	0.125	SPR	SRA	2-4316		Stainless Steel	0.35	6mm
	0.250			2-4308S			0.36	
	0.500			4-4308S			0.33	

Lead Screws

Lead Screws — 1/2" (12mm) to 3/4" (20mm) Diameter

Nominal Major Diameter	Lead	Precision Prefix	Standard Prefix	BSA Part No.	Avail in Left Hand	Material	Root Diameter	Recommended Bearing
12mm	3mm	SPT	SRT	12x3M		Stainless Steel	0.31	6mm
	4mm	SPR	SRA	2-12x2M			0.36	
	5mm	SPT	SRT	2-12x2.5M			0.35	
	6mm	SPR	SRA	3-12x2M			0.35	
	10mm	SPT	SRT	4-12x2.5M			0.35	
	15mm	SPR	SRA	6-12x2.5M			0.34	
	25mm	—	SRA	10-12x2.5M			0.36	
	45mm	—	SRA	15-12x3M			0.37	
1/2"	0.0625	SPR	SRA	5016		Stainless Steel	0.41	6mm
	0.100			5010	L		0.37	
	0.200			2-5010			0.39	
	0.250			2-5008			0.38	
	0.500			4-5008			0.36	
	0.800	N/A		8-5010			0.37	
	1.000			8-5008			0.39	
5/8"	0.100	SPR	SRA	6210	L	Stainless Steel	0.52	8 to 10mm
	0.125			6208S	L		0.52	
	0.200	SPR		2-6210			0.52	
	0.250			2-6208S			0.52	
	0.500			4-6208			0.48	
16mm	4mm	N/A	SRT	16x4M	L	Stainless Steel	0.45	8 to 10mm
	5mm	SPR	SRA	2-16x2.5M			0.48	
	8mm			4-16x2M			0.51	
	16mm			7-16x2.3M			0.49	
	25mm	N/A		5-16x5M			0.45	
	35mm			7-16x5M			0.48	
3/4"	0.100	SPR		SRA	7510	L	Stainless Steel	0.63
	0.125		7508		L	0.61		
	0.167		7506		L	0.56		
	0.200		7505		L	0.53		
	0.500	N/A	5-7510			0.62		
	1.000		8-7508			0.61		
	2.000		10-7505†		L	0.59		
20mm	4mm	SPT	SRT	20x4M	L	Stainless Steel	0.61	12mm
	8mm	SPR	SRA	2-20x4M			0.58	
	12mm			3-20x4M			0.59	
	16mm			4-20x4M			0.59	
	20mm	—		5-20x4M			0.59	
	45mm	—		9-20x5M			0.62	

† Nominal O.D. is .734"

Lead Screws

Lead Screws — 1" (24mm) to 3" Diameter



Nominal Major Diameter	Lead	Precision Prefix	Standard Prefix	BSA Part No.	Avail in Left Hand	Material	Root Diameter	Recommended Bearing	
24mm	5mm	SPT	SRT	24x5M	L	Stainless Steel	0.73	12 to 15mm	
1"	0.100	SPR	SRA	1010	L	Stainless Steel	0.88	12 to 20mm	
	0.125			1008	L		0.86		
	0.200			1005	L		0.78		
	0.250	N/A	RA	1004	L	Carbon Steel	0.72	12 to 15mm	
	0.500			SRA	5-1010		Stainless Steel	0.88	12 to 20mm
	1.000				10-1010			0.88	
1-1/4"	0.200	N/A	RA	1205	L	Low Carbon Steel	1.03	20mm	
	0.250			1204	L		0.98		
1-1/2"	0.200	N/A	RA	1505	L	Low Carbon Steel	1.28	25mm	
	0.250			1504	L		1.23		
	0.375			1503			1.11		
	0.500			2-1504			1.23		
2"	0.250	N/A	RA	2004	L	Low Carbon Steel	1.73	*	
2-1/4"	0.250	N/A	RA	2204	L		1.98	*	
2-1/2"	0.250	N/A	RA	2504	L		2.23	*	
2-3/4"	0.250	N/A	RA	2704	L		2.48	*	
3"	0.250	N/A	RA	3004	L		2.73	*	