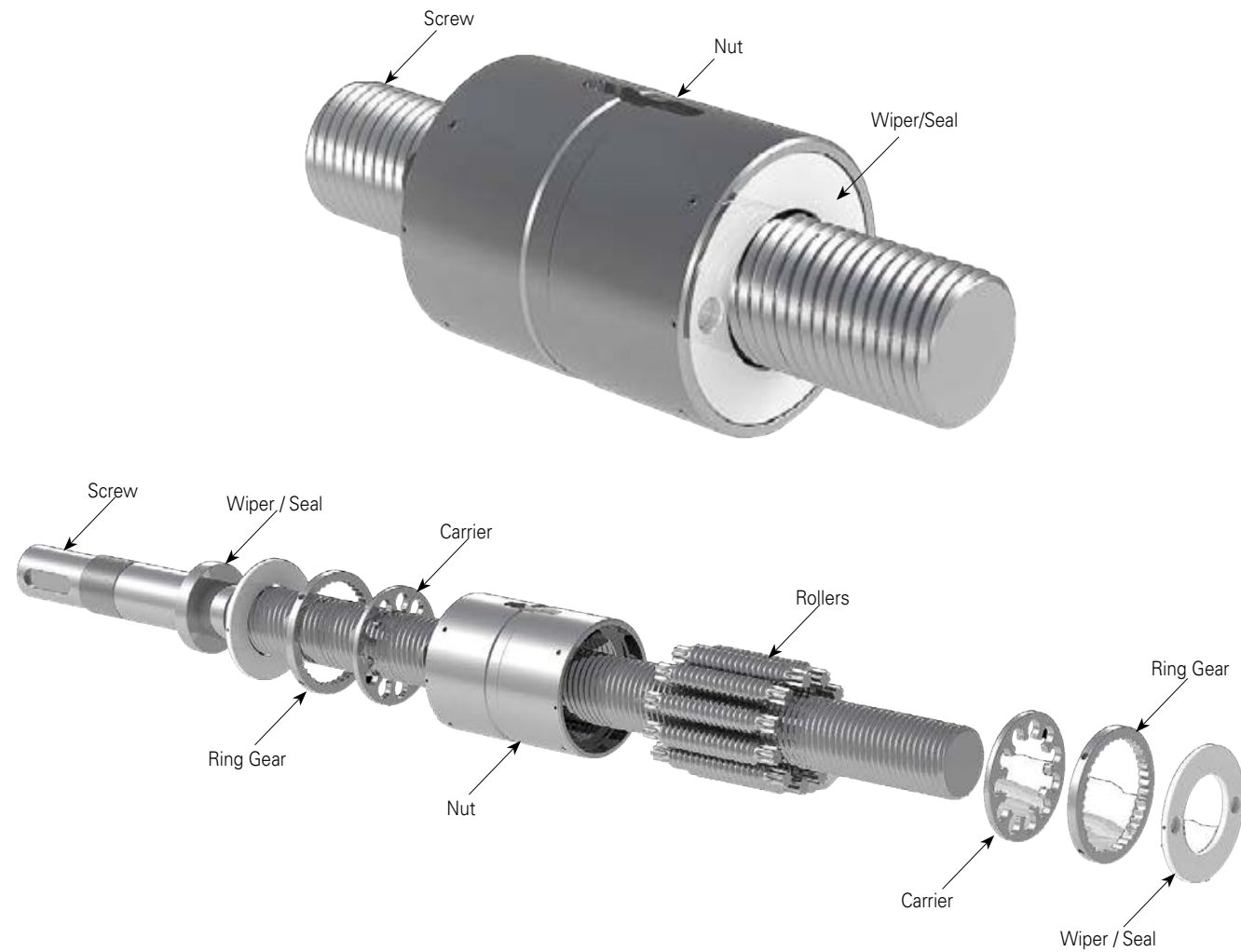


# Standard Roller Screws



# Standard Roller Screws (SRS)

## Overview



Helix Roller Screws are designed and manufactured to suit to critical space constraints with extreme reliability and high performance.

The Standard Roller Screw (SRS) is the most common type of roller screw. With an assortment close to existing nut-screw mechanisms such as lead and ball screws when viewed. Also, it is the type of roller screw that is most subjected to standardization compared to others. In the SRS, the nut with rollers translates axially along the rotating screw.

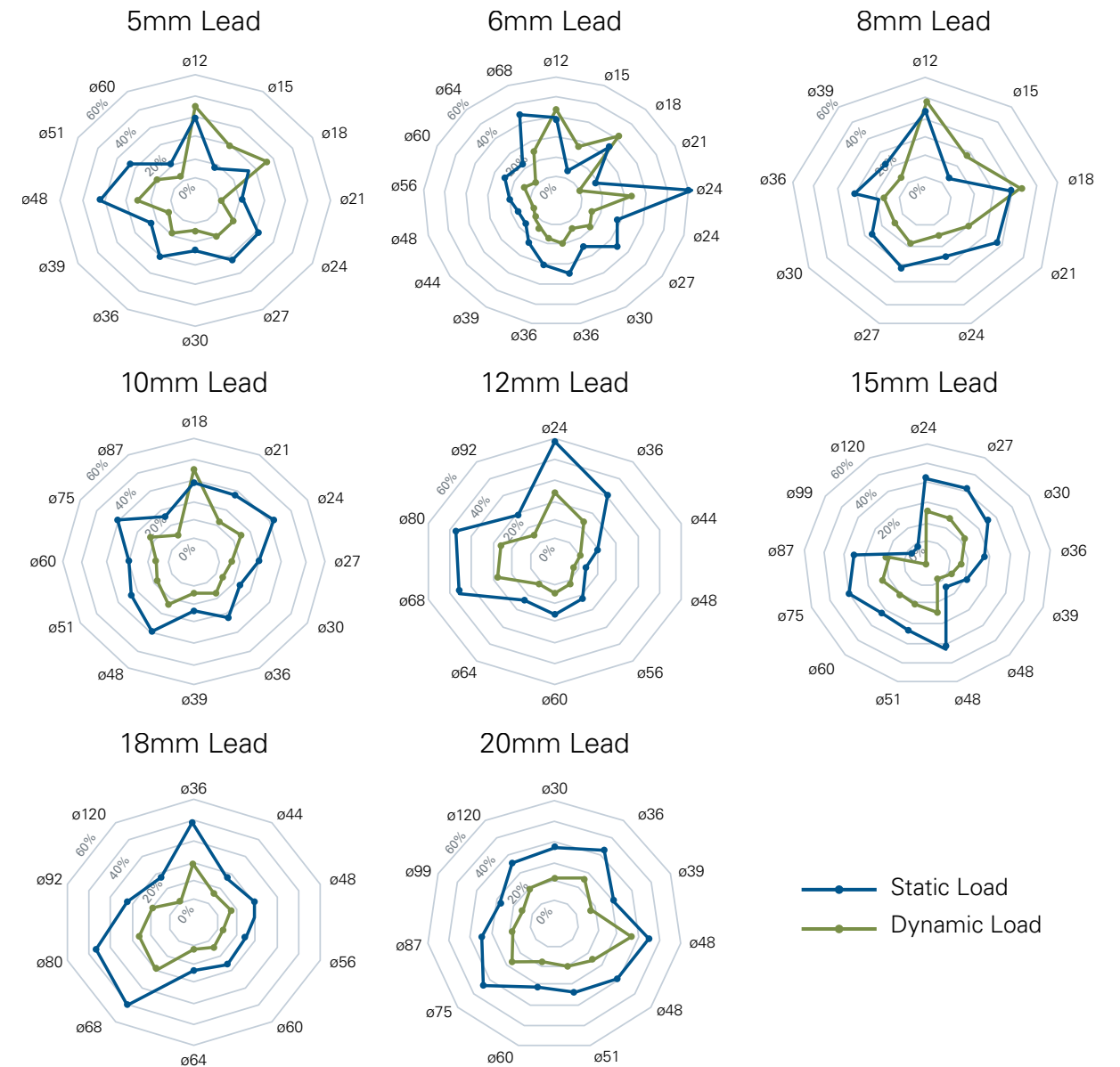
It is available in all sizes possible with different nut

features such as cylindrical flanged and can be customized to fit the customer need. The SRS can be provided with or without axial or radial play or backlash by adjusting at least one threaded component. It can also be preloaded to increase the axial stiffness with spring ring and split nuts or through rollers.

The SRS is offered also in bigger sizes range and with larger lengths of the nut, named as the Ultra-High-Capacity Standard Roller Screw (URS) version. The URS is designed for demanding applications

# Standard Roller Screws (SRS)

## Load Capacity Charts



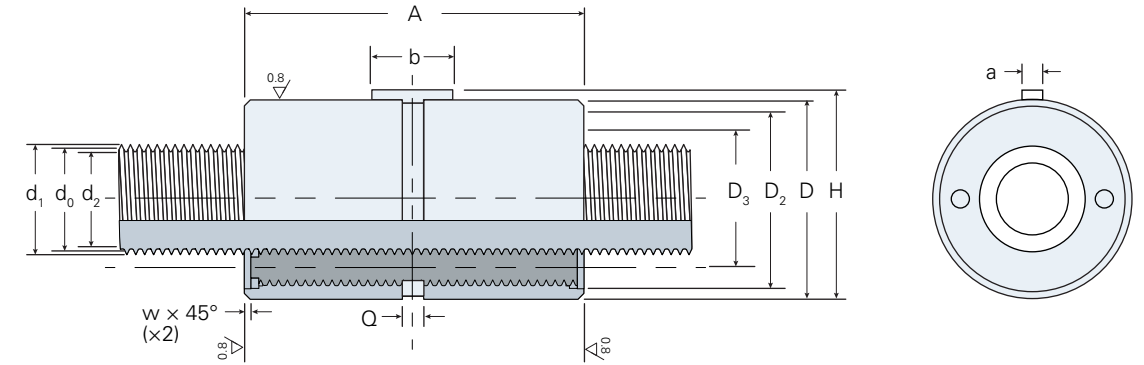
# Standard Roller Screws (SRS)

## Dynamic Load Ratings (kN)

Nominal Diameter (mm)	Lead (mm)										Lead (mm)									
	1	2	3	4	5	6	8	9	10		12	15	18	20	24	25	30	35	36	42
4*	7	8	9																	
8	14	17	18	19																
12		21	19	20	22	22	23													
15		30	33	36	38	39	41													
18		43	47	50	53	55	58		62											
21		54	59	64	66	70	75		78											
24			56			66				77										
24		66		91	97	99	105		112			120								
27		85		101	106	106	106		110			118								
30		98		116	123	127	137		145			156		193						
36						122		133			142		152		195					
36		128		151	160	165	177		189			202		261						
39		145		172	180	189	204		213			228		277		279				
44						160					189		204		254		261			
48						198					230	241	256	302	320					
48					272				319			355		445		412		413		
51					315				370			411		512		518				
56						247					289		318		393		402		416	
60						287		315			336		367		469		465		460	382
60					449				494			593		610		607		562		
64						290					345		379		479		499		479	
68						406					485		542		672		691		683	
75									616			677		802		803	810			
80											488		538		655		657		658	
87									735			792		922		938		932		
92											621		690		823		822		840	
99												1059		1239		1251	1268	1283		
120													1173		1356		1379		1387	
120													1260		1470		1484	1495	1529	

# Standard Roller Screws with Cylindrical Nut

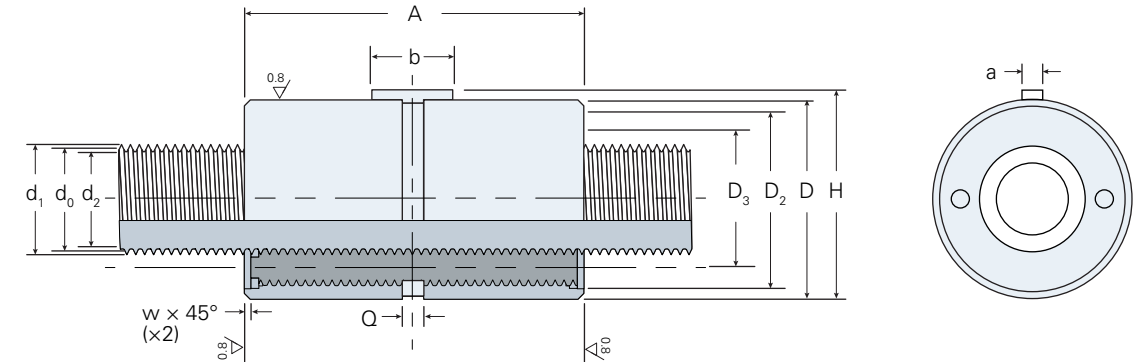
ø4 – ø18 mm



d <sub>0</sub> (mm)	P <sub>h</sub> (mm)	N (mm)	C <sub>a</sub> (kN)	C <sub>0a</sub> (kN)	η	η'	S <sub>0</sub>	T <sub>0</sub> (Nm)	m <sub>n</sub> (kg)	m <sub>s</sub> (kg/m)	I <sub>s</sub> (kgmm <sup>2</sup> /m)	I <sub>nn</sub> (kgmm <sup>2</sup> )	I <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D <sub>g6/H7</sub> (mm)	A <sub>h12</sub> (mm)	w (mm)	a (mm)	b <sub>h9</sub> (mm)	H (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)
4	1	3	7	12	0.89	0.87	0.02	0.01	0.1	0.1	0.20	2.96	0.03	0.7	0.2	SRS 4×1 R-C	4.1	3.8	19	40	0.5	3	10	20.3	3	16	8
	2	3	8	12	0.89	0.87	0.02	0.01	0.1	0.1	0.20	2.96	0.03	0.7	0.2	SRS 4×2 R-C	4.2	3.7	19	40	0.5	3	10	20.3	3	16	8
	3	3	9	12	0.88	0.87	0.02	0.01	0.1	0.1	0.20	2.96	0.03	0.7	0.3	SRS 4×3 R-C	4.3	3.5	19	40	0.5	3	10	20.3	3	16	8
8	1	4	14	26	0.83	0.82	0.02	0.02	0.1	0.4	3.14	9.9	0.2	1.1	0.3	SRS 8×1 R-C	8.1	7.9	25	44	0.5	4	12	26.5	5	21	12
	2	4	17	27	0.83	0.82	0.02	0.02	0.1	0.4	3.14	9.9	0.2	1.2	0.4	SRS 8×2 R-C	8.2	7.8	25	44	0.5	4	12	26.5	5	21	12
	3	4	18	27	0.83	0.82	0.02	0.03	0.1	0.4	3.14	9.9	0.2	1.2	0.5	SRS 8×3 R-C	8.2	7.6	25	44	0.5	4	12	26.5	5	21	12
	4	4	19	27	0.83	0.82	0.02	0.04	0.1	0.4	3.14	9.9	0.2	1.2	0.7	SRS 8×4 R-C	8.3	7.5	25	44	0.5	4	12	26.5	5	21	12
12	2	5	21	38	0.8	0.79	0.02	0.05	0.2	0.9	15.9	20.2	0.5	1.6	0.5	SRS 12×2 R-C	12.1	11.8	30	44	0.5	4	12	31.5	5	25	16
	3	5	23	37	0.8	0.79	0.02	0.06	0.2	0.9	15.9	20.2	0.5	1.6	0.7	SRS 12×3 R-C	12.2	11.7	30	44	0.5	4	12	31.5	5	25	16
	4	5	24	37	0.8	0.79	0.02	0.07	0.2	0.9	15.9	20.2	0.5	1.6	0.8	SRS 12×4 R-C	12.3	11.6	30	44	0.5	4	12	31.5	5	25	16
	5	5	26	38	0.79	0.79	0.02	0.09	0.2	0.9	15.9	20.2	0.5	1.6	1.0	SRS 12×5 R-C	12.3	11.5	30	44	0.5	4	12	31.5	5	25	16
	6	5	27	37	0.79	0.79	0.02	0.10	0.2	0.9	15.9	20.2	0.5	1.6	1.2	SRS 12×6 R-C	12.4	11.4	30	44	0.5	4	12	31.5	5	25	16
	8	5	26	32	0.79	0.79	0.02	0.14	0.2	0.9	15.9	20.2	0.5	1.6	1.5	SRS 12×8 R-C	12.4	11.1	30	44	0.5	4	12	31.5	5	25	16
15	2	5	30	60	0.8	0.79	0.02	0.06	0.2	1.4	38.8	39.8	1.4	2.0	0.6	SRS 15×2 R-C	15.1	14.8	35	50	0.5	4	16	36.5	5	30	20
	3	5	33	59	0.8	0.79	0.02	0.07	0.2	1.4	38.8	39.8	1.4	2.0	0.9	SRS 15×3 R-C	15.2	14.7	35	50	0.5	4	16	36.5	5	30	20
	4	5	36	60	0.8	0.79	0.02	0.09	0.2	1.4	38.8	39.8	1.4	2.1	1.1	SRS 15×4 R-C	15.3	14.6	35	50	0.5	4	16	36.5	5	30	20
	5	5	38	60	0.8	0.79	0.02	0.10	0.2	1.4	38.8	39.8	1.4	2.1	1.3	SRS 15×5 R-C	15.3	14.5	35	50	0.5	4	16	36.5	5	30	20
	6	5	39	59	0.79	0.79	0.02	0.12	0.2	1.4	38.8	39.8	1.4	2.1	1.5	SRS 15×6 R-C	15.4	14.4	35	50	0.5	4	16	36.5	5	30	20
	8	5	41	59	0.79	0.79	0.02	0.15	0.2	1.4	38.8	39.8	1.4	2.1	1.9	SRS 15×8 R-C	15.5	14.2	35	50	0.5	4	16	36.5	5	30	20
18	2	5	43	95	0.8	0.79	0.02	0.07	0.3	2.0	80.4	74.3	3	2.6	0.8	SRS 18×2 R-C	18.1	17.8	40	58	0.5	5	18	42	5	35	24
	3	5	47	95	0.8	0.79	0.02	0.08	0.3	2.0	80.4	74.3	3	2.6	1.0	SRS 18×3 R-C	18.2	17.7	40	58	0.5	5	18	42	5	35	24
	4	5	50	95	0.8	0.79	0.02	0.10	0.3	2.0	80.4	74.3	3	2.6	1.3	SRS 18×4 R-C	18.3	17.6	40	58	0.5	5	18	42	5	35	24
	5	5	53	95	0.8	0.79	0.02	0.11	0.3	2.0	80.4	74.3	3	2.7	1.5	SRS 18×5 R-C	18.3	17.5	40	58	0.5	5	18	42	5	35	24
	6	5	55	95	0.8	0.79	0.02	0.13	0.3	2.0	80.4	74.3	3	2.7	1.8	SRS 18×6 R-C	18.4	17.4	40	58	0.5	5	18	42	5	35	24
	8	5	58	93	0.79	0.79	0.02	0.16	0.3	2.0	80.4	74.3	3	2.7	2.3	SRS 18×8 R-C	18.5	17.2	40	58	0.5	5	18	42	5	35	24
	10	5	62	96	0.79	0.79	0.04	0.20	0.3	2.0	80.4	74.3	3	2.9	3.1	SRS 18×10 R-C	18.6	17.0	40	58	0.5	5	18	42	5	35	24

# Standard Roller Screws with Cylindrical Nut

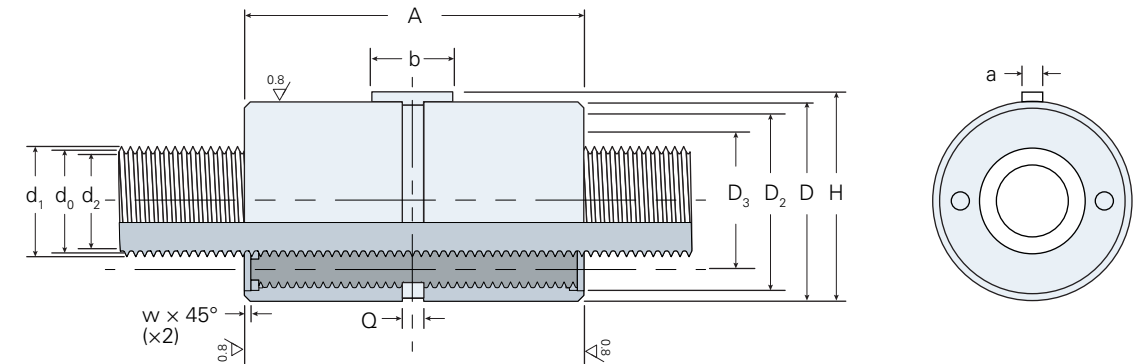
ø21 – ø27 mm



do (mm)	Ph (mm)	N (mm)	Ca (kN)	COa (kN)	η	η'	So	To (Nm)	mn (kg)	ms (kg/m)	ls (kgmm <sup>2</sup> /m)	l <sub>nn</sub> (kgmm <sup>2</sup> )	l <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D <sub>g6/H7</sub> (mm)	A <sub>h12</sub> (mm)	w (mm)	a (mm)	b <sub>h9</sub> (mm)	H (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)
21	2	5	54	127	0.8	0.79	0.02	0.09	0.5	2.7	149	123	7	3.4	0.9	SRS 21×2 R-C	21.1	20.8	45	64	0.5	5	20	47	5	40	28
	3	5	59	127	0.8	0.79	0.02	0.11	0.5	2.7	149	123	7	3.4	1.2	SRS 21×3 R-C	21.2	20.7	45	64	0.5	5	20	47	5	40	28
	4	5	64	127	0.8	0.79	0.02	0.13	0.5	2.7	149	123	7	3.4	1.5	SRS 21×4 R-C	21.3	20.6	45	64	0.5	5	20	47	5	40	28
	5	5	66	126	0.8	0.79	0.02	0.15	0.5	2.7	149	123	7	3.5	1.8	SRS 21×5 R-C	21.3	20.5	45	64	0.5	5	20	47	5	40	28
	6	5	70	128	0.8	0.79	0.02	0.17	0.5	2.7	149	123	7	3.5	2.1	SRS 21×6 R-C	21.4	20.4	45	64	0.5	5	20	47	5	40	28
	8	5	75	128	0.79	0.79	0.02	0.21	0.5	2.7	149	123	7	3.6	2.6	SRS 21×8 R-C	21.5	20.2	45	64	0.5	5	20	47	5	40	28
24	10	5	78	127	0.79	0.79	0.04	0.25	0.5	2.7	149	123	7	3.8	3.6	SRS 21×10 R-C	21.6	20	45	64	0.5	5	20	47	5	40	28
	3	6	56	130	0.77	0.77	0.02	0.13	0.5	3.5	254	155	8	3.3	1.2	SRS 24×3 R-C	24.2	23.8	48	58	0.5	5	20	50	5	42	30
	6	6	66	131	0.77	0.77	0.02	0.2	0.5	3.5	254	155	8	3.4	2	SRS 24×6 R-C	24.3	23.5	48	58	0.5	5	20	50	5	42	30
24	12	6	77	132	0.77	0.77	0.04	0.34	0.5	3.5	254	155	8	3.7	4.1	SRS 24×12 R-C	24.6	23	48	58	0.5	5	20	50	5	42	30
	2	5	77	210	0.8	0.79	0.02	0.09	0.8	3.5	254	313	15	4.5	1	SRS 24×2 R-C	24.1	23.8	53	78	0.5	6	25	55.5	5	46	32
	4	5	91	208	0.8	0.79	0.02	0.13	0.8	3.5	254	313	15	4.6	1.7	SRS 24×4 R-C	24.3	23.6	53	78	0.5	6	25	55.5	5	46	32
	5	5	97	214	0.8	0.79	0.02	0.15	0.8	3.5	254	313	16	4.7	2	SRS 24×5 R-C	24.3	23.5	53	78	0.5	6	25	55.5	5	46	32
	6	5	99	206	0.8	0.79	0.02	0.17	0.8	3.5	254	313	15	4.8	2.3	SRS 24×6 R-C	24.4	23.4	53	78	0.5	6	25	55.5	5	46	32
	8	5	105	205	0.8	0.79	0.02	0.22	0.8	3.5	254	313	15	4.9	3	SRS 24×8 R-C	24.5	23.2	53	78	0.5	6	25	55.5	5	46	32
27	10	5	112	210	0.79	0.79	0.04	0.25	0.8	3.5	254	313	15	5.2	4.1	SRS 24×10 R-C	24.6	23	53	78	0.5	6	25	55.5	5	46	32
	15	5	120	205	0.79	0.79	0.07	0.37	0.8	3.5	254	313	15	5.9	6.4	SRS 24×15 R-C	24.8	22.4	53	78	0.5	6	25	55.5	5	46	32
	2	5	85	234	0.8	0.79	0.02	0.11	1	4.5	407	432	25	5.3	1.2	SRS 27×2 R-C	27.1	26.8	58	79	0.5	6	25	60	5	51	36
27	4	5	101	235	0.8	0.79	0.02	0.16	1	4.5	407	432	25	5.4	1.9	SRS 27×4 R-C	27.3	26.6	58	79	0.5	6	25	60	5	51	36
	5	5	106	231	0.8	0.79	0.02	0.18	1	4.5	407	432	25	5.5	2.3	SRS 27×5 R-C	27.3	26.5	58	79	0.5	6	25	60	5	51	36
	6	5	110	230	0.8	0.79	0.02	0.2	1	4.5	407	432	25	5.6	2.6	SRS 27×6 R-C	27.4	26.4	58	79	0.5	6	25	60	5	51	36
	8	5	118	231	0.8	0.79	0.02	0.25	1	4.5	407	432	25	5.7	3.4	SRS 27×8 R-C	27.5	26.2	58	79	0.5	6	25	60	5	51	36
	10	5	122	227	0.79	0.79	0.04	0.29	1	4.5	407	432	25	6.1	4.6	SRS 27×10 R-C	27.6	26	58	79	0.5	6	25	60	5	51	36
	15	5	131	223	0.79	0.79	0.07	0.41	1	4.5	407	432	25	6.8	7.1	SRS 27×15 R-C	27.9	25.4	58	79	0.5	6	25	60	5	51	36

# Standard Roller Screws with Cylindrical Nut

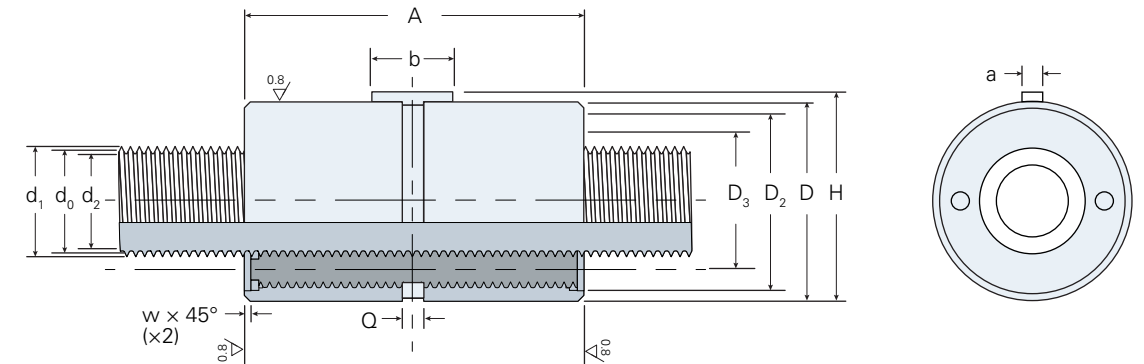
ø30 – ø36 mm



d <sub>0</sub> (mm)	P <sub>h</sub> (mm)	N (mm)	C <sub>a</sub> (kN)	C <sub>0a</sub> (kN)	η	η'	S <sub>0</sub>	T <sub>0</sub> (Nm)	m <sub>n</sub> (kg)	m <sub>s</sub> (kg/m)	I <sub>s</sub> (kgmm <sup>2</sup> /m)	I <sub>nn</sub> (kgmm <sup>2</sup> )	I <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D <sub>g6/H7</sub> (mm)	A <sub>h12</sub> (mm)	w (mm)	a (mm)	b <sub>h9</sub> (mm)	H (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)
30	2	5	98	279	0.8	0.79	0.02	0.12	1.3	5.5	620	667	42	7	1.3	SRS 30×2 R-C	30.1	29.8	64	85	0.5	6	32	66.5	5	58	40
	4	5	116	277	0.8	0.79	0.02	0.18	1.3	5.5	620	667	42	7.1	2.1	SRS 30×4 R-C	30.3	29.6	64	85	0.5	6	32	66.5	5	58	40
	5	5	123	280	0.8	0.79	0.02	0.2	1.3	5.5	620	667	42	7.2	2.5	SRS 30×5 R-C	30.3	29.5	64	85	0.5	6	32	66.5	5	58	40
	6	5	127	277	0.8	0.79	0.02	0.22	1.3	5.5	620	667	42	7.3	2.9	SRS 30×6 R-C	30.4	29.4	64	85	0.5	6	32	66.5	5	58	40
	8	5	137	278	0.8	0.79	0.02	0.27	1.3	5.5	620	667	42	7.4	3.8	SRS 30×8 R-C	30.5	29.2	64	85	0.5	6	32	66.5	5	58	40
	10	5	145	281	0.8	0.79	0.04	0.32	1.3	5.5	620	667	42	7.9	5.1	SRS 30×10 R-C	30.6	29	64	85	0.5	6	32	66.5	5	58	40
	15	5	156	276	0.79	0.79	0.07	0.44	1.3	5.5	620	667	42	8.8	7.9	SRS 30×15 R-C	30.9	28.4	64	85	0.5	6	32	66.5	5	58	40
	20	5	193	317	0.79	0.79	0.07	0.62	1.3	5.5	620	667	42	9.3	10.1	SRS 30×20 R-C	31.1	27.9	64	85	0.5	6	32	66.5	5	58	40
36	6	6	122	287	0.77	0.77	0.02	0.28	1.2	7.9	1,286	770	55	7.6	3	SRS 36×6 R-C	36.3	35.5	68	80	0.5	5	25	70	5	62	45
	9	6	133	284	0.77	0.77	0.02	0.37	1.2	7.9	1,286	770	55	7.8	4.3	SRS 36×9 R-C	36.5	35.3	68	80	0.5	5	25	70	5	62	45
	12	6	142	281	0.77	0.77	0.04	0.46	1.2	7.9	1,286	770	55	8.2	6.1	SRS 36×12 R-C	36.6	35	68	80	0.5	5	25	70	5	62	45
	18	6	152	276	0.77	0.77	0.07	0.65	1.2	7.9	1,286	770	55	9.1	9.5	SRS 36×18 R-C	36.9	34.4	68	80	0.5	5	25	70	5	62	45
	24	6	195	332	0.77	0.77	0.07	0.91	1.2	7.9	1,286	770	55	9.6	12.1	SRS 36×24 R-C	37.1	33.8	68	80	0.5	5	25	70	5	62	45
36	2	5	128	389	0.8	0.79	0.02	0.15	1.8	7.9	1,286	1,252	98	9	1.5	SRS 36×2 R-C	36.1	35.8	74	96	0.5	6	28	76.7	5	68	48
	4	5	151	390	0.8	0.79	0.02	0.21	1.8	7.9	1,286	1,252	98	9.2	2.5	SRS 36×4 R-C	36.3	35.6	74	96	0.5	6	28	76.7	5	68	48
	5	5	160	390	0.8	0.79	0.02	0.24	1.8	7.9	1,286	1,252	98	9.3	3	SRS 36×5 R-C	36.4	35.5	74	96	0.5	6	28	76.7	5	68	48
	6	5	165	384	0.8	0.79	0.02	0.27	1.8	7.9	1,286	1,252	98	9.4	3.5	SRS 36×6 R-C	36.4	35.4	74	96	0.5	6	28	76.7	5	68	48
	8	5	177	385	0.8	0.79	0.02	0.32	1.8	7.9	1,286	1,252	98	9.7	4.5	SRS 36×8 R-C	36.5	35.2	74	96	0.5	6	28	76.7	5	68	48
	10	5	189	392	0.8	0.79	0.04	0.37	1.8	7.9	1,286	1,252	98	10.3	6.1	SRS 36×10 R-C	36.7	35	74	96	0.5	6	28	76.7	5	68	48
	15	5	202	379	0.79	0.79	0.07	0.51	1.8	7.9	1,286	1,252	98	11.6	9.4	SRS 36×15 R-C	36.9	34.5	74	96	0.5	6	28	76.7	5	68	48
	20	5	261	462	0.79	0.79	0.07	0.68	1.8	7.9	1,286	1,252	98	12.3	12	SRS 36×20 R-C	37.2	33.9	74	96	0.5	6	28	76.7	5	68	48

# Standard Roller Screws with Cylindrical Nut

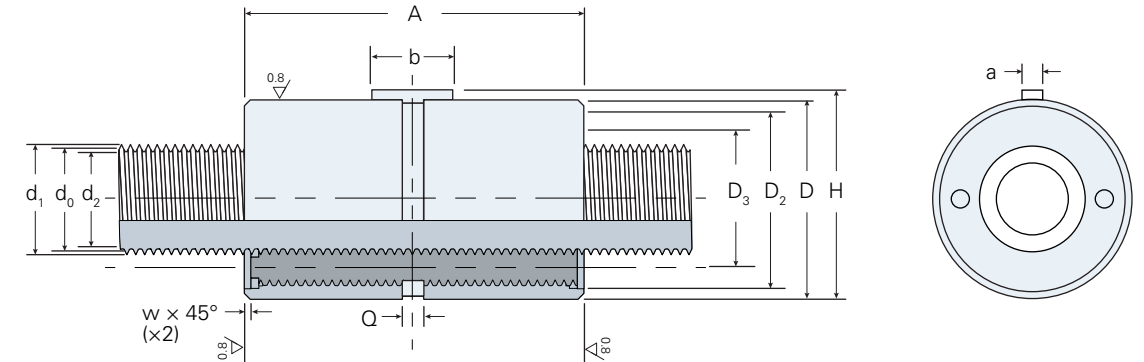
ø39 – ø48 mm



do (mm)	Ph (mm)	N (mm)	Ca (kN)	Coa (kN)	η	η'	So	To (Nm)	mn (kg)	ms (kg/m)	ls (kgmm <sup>2</sup> /m)	l <sub>nn</sub> (kgmm <sup>2</sup> )	l <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D <sub>g6/H7</sub> (mm)	A <sub>h12</sub> (mm)	w (mm)	a (mm)	b <sub>h9</sub> (mm)	H (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)
39	2	5	145	458	0.8	0.79	0.02	0.18	2.3	9.3	1,772	1,797	147	11.8	1.7	SRS 39x2 R-C	39.1	38.8	80	100	1	8	40	83	7	72	52
	4	5	172	459	0.8	0.79	0.02	0.26	2.3	9.3	1,772	1,797	147	12	2.7	SRS 39x4 R-C	39.3	38.6	80	100	1	8	40	83	7	72	52
	5	5	180	452	0.8	0.79	0.02	0.29	2.3	9.3	1,772	1,797	147	12.2	3.3	SRS 39x5 R-C	39.4	38.5	80	100	1	8	40	83	7	72	52
	6	5	189	456	0.8	0.79	0.02	0.33	2.3	9.3	1,772	1,797	147	12.3	3.8	SRS 39x6 R-C	39.4	38.4	80	100	1	8	40	83	7	72	52
	8	5	204	461	0.8	0.79	0.02	0.39	2.3	9.3	1,772	1,797	147	12.6	4.9	SRS 39x8 R-C	39.5	38.2	80	100	1	8	40	83	7	72	52
	10	5	213	454	0.8	0.79	0.04	0.45	2.3	9.3	1,772	1,797	147	13.4	6.6	SRS 39x10 R-C	39.7	38	80	100	1	8	40	83	7	72	52
	15	5	228	439	0.79	0.79	0.07	0.61	2.3	9.3	1,772	1,797	147	14.8	10.2	SRS 39x15 R-C	39.9	37.5	80	100	1	8	40	83	7	72	52
	20	5	277	487	0.79	0.79	0.07	0.74	2.2	9.3	1,772	1,786	136	15.2	13	SRS 39x20 R-C	40.2	36.9	80	100	1	8	40	83	7	72	52
44	25	5	279	461	0.79	0.79	0.07	0.95	2.2	9.3	1,772	1,786	136	16	15.8	SRS 39x25 R-C	40.4	36.3	80	100	1	8	40	83	7	72	52
	6	6	160	400	0.77	0.77	0.02	0.39	1.8	11.9	2,870	1,531	141	10.9	3.7	SRS 44x6 R-C	44.4	43.5	80	90	0.5	6	32	82.5	7	73	55
	12	6	189	402	0.77	0.77	0.04	0.61	1.8	11.9	2,870	1,531	141	11.8	7.4	SRS 44x12 R-C	44.7	43	80	90	0.5	6	32	82.5	7	73	55
	18	6	204	395	0.77	0.77	0.07	0.84	1.8	11.9	2,870	1,531	141	13	11.5	SRS 44x18 R-C	44.9	42.5	80	90	0.5	6	32	82.5	7	73	55
	24	6	254	453	0.77	0.77	0.07	1.16	1.8	11.9	2,870	1,531	141	13.7	14.6	SRS 44x24 R-C	45.1	41.9	80	90	0.5	6	32	82.5	7	73	55
48	30	6	261	445	0.77	0.77	0.07	1.47	1.8	11.9	2,870	1,531	141	14.4	17.8	SRS 44x30 R-C	45.3	41.3	80	90	0.5	6	32	82.5	7	73	55
	6	6	198	534	0.77	0.77	0.02	0.41	2.3	14.1	4,065	2,151	226	12.9	4	SRS 48x6 R-C	48.4	47.5	86	99	1	6	45	88.7	7	80	60
	12	6	230	526	0.77	0.77	0.04	0.63	2.3	14.1	4,065	2,151	226	14.2	8.1	SRS 48x12 R-C	48.7	47	86	99	1	6	45	88.7	7	80	60
	15	6	241	522	0.77	0.77	0.07	0.74	2.3	14.1	4,065	2,151	226	15.3	10.9	SRS 48x15 R-C	48.8	46.8	86	99	1	6	45	88.7	7	80	60
	18	6	256	539	0.77	0.77	0.07	0.85	2.3	14.1	4,065	2,151	226	15.8	12.5	SRS 48x18 R-C	48.9	46.5	86	99	1	6	45	88.7	7	80	60
	20	6	302	602	0.77	0.77	0.07	0.98	2.3	14.1	4,065	2,151	226	16	13.7	SRS 48x20 R-C	49	46.3	86	99	1	6	45	88.7	7	80	60
48	24	6	320	620	0.77	0.77	0.07	1.15	2.3	14.1	4,065	2,151	226	16.6	15.9	SRS 48x24 R-C	49.2	45.9	86	99	1	6	45	88.7	7	80	60
	5	5	272	788	0.8	0.79	0.02	0.34	4.7	14.1	4,065	5,835	443	18.6	4	SRS 48x5 R-C	48.4	47.5	100	127	1	8	45	103	7	90	64
	10	5	319	780	0.8	0.79	0.04	0.51	4.7	14.1	4,065	5,835	443	20.6	8.1	SRS 48x10 R-C	48.7	47	100	127	1	8	45	103	7	90	64
	15	5	355	794	0.8	0.79	0.07	0.67	4.7	14.1	4,065	5,835	443	23.1	12.5	SRS 48x15 R-C	49	46.5	100	127	1	8	45	103	7	90	64
	20	5	445	916	0.79	0.79	0.07	0.88	4.7	14.1	4,065	5,835	443	24.4	15.9	SRS 48x20 R-C	49.2	46	100	127	1	8	45	103	7	90	64
	25	5	412	812	0.79	0.79	0.07	0.98	4.6	14.1	4,065	5,801	409	25.2	19.3	SRS 48x25 R-C	49.5	45.4	100	127	1	8	45	103	7	90	64
51	30	5	413	815	0.79	0.79	0.07	1.17	4.6	14.1	4,065	5,801	409	26.5	22.7	SRS 48x30 R-C	49.7	44.8	100	127	1	8	45	103	7	90	64
	5	5	315	964	0.8	0.79	0.02	0.35	5.1	15.9	5,181	6,239	619	19.1	4.3	SRS 51x5 R-C	51.4	50.5	102	139	1	8	50	105	7	94	68

# Standard Roller Screws with Cylindrical Nut

ø51 – ø60 mm

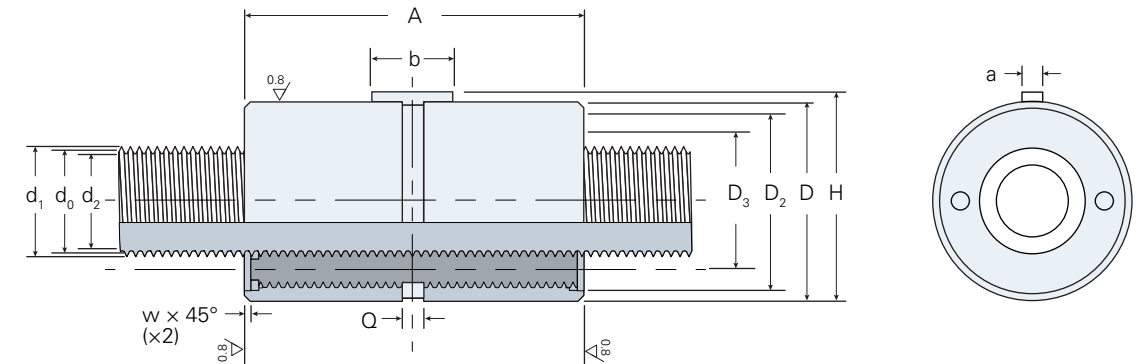


d <sub>0</sub> (mm)	P <sub>h</sub> (mm)	N (mm)	C <sub>a</sub> (kN)	C <sub>0a</sub> (kN)	η	η'	S <sub>0</sub>	T <sub>0</sub> (Nm)	m <sub>n</sub> (kg)	m <sub>s</sub> (kg/m)	I <sub>s</sub> (kgmm <sup>2</sup> /m)	I <sub>nn</sub> (kgmm <sup>2</sup> )	I <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D <sub>g6/H7</sub> (mm)	A <sub>h12</sub> (mm)	w (mm)	a (mm)	b <sub>h9</sub> (mm)	H (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)
56	10	5	370	955	0.8	0.79	0.07	0.52	5.1	15.9	5,181	6,239	619	23	9.8	SRS 51x10 R-C	51.7	50	102	139	1	8	50	105	7	94	68
	15	5	411	970	0.8	0.79	0.07	0.68	5.1	15.9	5,181	6,239	619	24.6	13.3	SRS 51x15 R-C	52	49.5	102	139	1	8	50	105	7	94	68
	20	5	512	1121	0.79	0.79	0.07	0.89	5.1	15.9	5,181	6,239	619	26.3	16.8	SRS 51x20 R-C	52.3	49	102	139	1	8	50	105	7	94	68
	25	5	518	1139	0.79	0.79	0.07	1.07	5.1	15.9	5,181	6,239	619	28.1	20.4	SRS 51x25 R-C	52.5	48.4	102	139	1	8	50	105	7	94	68
60	6	6	247	708	0.77	0.77	0.02	0.47	3.5	19.2	7,531	4,474	472	17.9	4.7	SRS 56x6 R-C	56.4	55.5	100	112	1	8	40	103	7	92	70
	12	6	289	699	0.77	0.77	0.04	0.72	3.5	19.2	7,531	4,474	472	19.7	9.4	SRS 56x12 R-C	56.7	55	100	112	1	8	40	103	7	92	70
	18	6	318	702	0.77	0.77	0.07	0.96	3.5	19.2	7,531	4,474	472	21.8	14.6	SRS 56x18 R-C	57	54.5	100	112	1	8	40	103	7	92	70
	24	6	393	795	0.77	0.77	0.07	1.29	3.5	19.2	7,531	4,474	472	22.9	18.5	SRS 56x24 R-C	57.2	54	100	112	1	8	40	103	7	92	70
	30	6	402	785	0.77	0.77	0.07	1.59	3.5	19.2	7,531	4,474	472	24.1	22.5	SRS 56x30 R-C	57.4	53.4	100	112	1	8	40	103	7	92	70
	36	6	416	830	0.77	0.77	0.07	1.87	3.5	19.2	7,531	4,474	472	25.3	26.5	SRS 56x36 R-C	57.6	52.8	100	112	1	8	40	103	7	92	70
60	6	6	287	869	0.77	0.77	0.02	0.49	5	22.1	9,924	7,875	699	23.5	5	SRS 60x6 R-C	60.4	59.5	110	124	1	8	40	113.2	10.5	100	75
	9	6	315	864	0.77	0.77	0.02	0.62	5	22.1	9,924	7,875	699	24.2	7.1	SRS 60x9 R-C	60.5	59.3	110	124	1	8	40	113.2	10.5	100	75
	12	6	336	860	0.77	0.77	0.04	0.75	5	22.1	9,924	7,875	699	25.6	10.1	SRS 60x12 R-C	60.7	59	110	124	1	8	40	113.2	10.5	100	75
	18	6	367	850	0.77	0.77	0.07	0.99	5	22.1	9,924	7,875	699	28.2	15.6	SRS 60x18 R-C	61	58.5	110	124	1	8	40	113.2	10.5	100	75
	24	6	469	1010	0.77	0.77	0.07	1.29	5	22.1	9,924	7,875	699	29.5	19.8	SRS 60x24 R-C	61.2	58	110	124	1	8	40	113.2	10.5	100	75
	30	6	465	969	0.77	0.77	0.07	1.61	5	22.1	9,924	7,875	699	31	24.1	SRS 60x30 R-C	61.5	57.4	110	124	1	8	40	113.2	10.5	100	75
	42	6	460	961	0.77	0.77	0.07	2.27	5	22.1	9,924	7,875	699	34	32.7	SRS 60x42 R-C	61.8	56.2	110	124	1	8	40	113.2	10.5	100	75
60	5	5	382	1213	0.8	0.79	0.02	0.43	8.3	22.1	9,924	14,797	1,298	28.7	5	SRS 60x5 R-C	60.4	59.5	122	152	1	10	45	125	10.5	110	80
	10	5	449	1202	0.8	0.79	0.04	0.63	8.3	22.1	9,924	14,797	1,298	31.9	10.1	SRS 60x10 R-C	60.7	59.1	122	152	1	10	45	125	10.5	110	80
	15	5	494	1206	0.8	0.79	0.07	0.81	8.3	22.1	9,924	14,797	1,298	35.8	15.6	SRS 60x15 R-C	61	58.5	122	152	1	10	45	125	10.5	110	80
	20	5	593	1378	0.8	0.79	0.07	1.04	8.3	22.1	9,924	14,797	1,298	37.9	19.8	SRS 60x20 R-C	61.3	58	122	152	1	10	45	125	10.5	110	80
	25	5	610	1431	0.79	0.79	0.07	1.23	8.3	22.1	9,924	14,797	1,298	40.1	24	SRS 60x25 R-C	61.5	57.5	122	152	1	10	45	125	10.5	110	80
	30	5	607	1419	0.79	0.79	0.07	1.45	8.3	22.1	9,924	14,797	1,298	42.3	28.2	SRS 60x30 R-C	61.8	56.9	122	152	1	10	45	125	10.5	110	80
	35	5	562	1264	0.79	0.79	0.07	1.53	8	22.1	9,924	14,687	1,198	43.3	32.5	SRS 60x35 R-C	62	56.3	122	152	1	10	45	125	10.5	110	80



# Standard Roller Screws with Cylindrical Nut

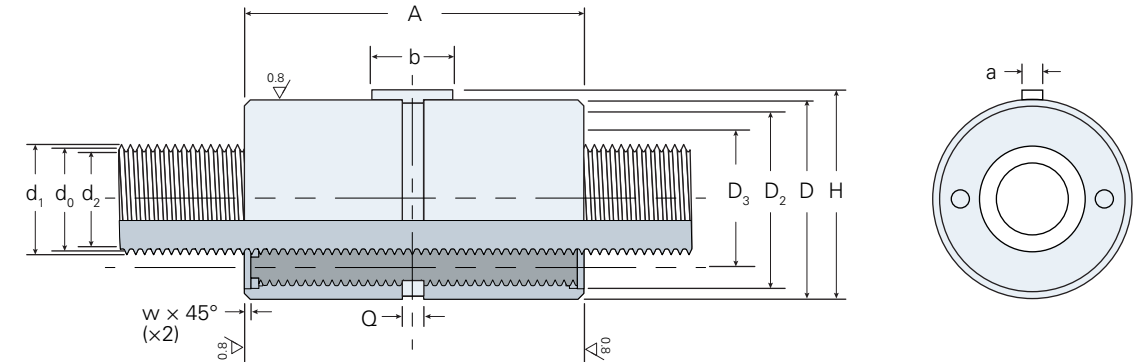
ø64 – ø87 mm



d <sub>0</sub> (mm)	P <sub>h</sub> (mm)	N (mm)	C <sub>a</sub> (kN)	C <sub>0a</sub> (kN)	η	η'	S <sub>0</sub>	T <sub>0</sub> (Nm)	m <sub>n</sub> (kg)	m <sub>s</sub> (kg/m)	I <sub>s</sub> (kgmm <sup>2</sup> /m)	I <sub>nn</sub> (kgmm <sup>2</sup> )	I <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D <sub>g6/H7</sub> (mm)	A <sub>h12</sub> (mm)	w (mm)	a (mm)	b <sub>h9</sub> (mm)	H (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)
64	6	6	290	990	0.77	0.77	0.02	0.53	5.5	25.1	12,847	9,248	947	22.7	5.4	SRS 64x6 R-C	64.4	63.5	115	129	1	8	45	118	7	106	80
	12	6	345	979	0.77	0.77	0.04	0.79	5.5	25.1	12,847	9,248	947	25.1	10.8	SRS 64x12 R-C	64.7	63	115	129	1	8	45	118	7	106	80
	18	6	379	969	0.77	0.77	0.07	1.04	5.5	25.1	12,847	9,248	947	28.1	16.7	SRS 64x18 R-C	65	62.5	115	129	1	8	45	118	7	106	80
	24	6	479	1118	0.77	0.77	0.07	1.36	5.5	25.1	12,847	9,248	947	29.7	21.1	SRS 64x24 R-C	65.3	62	115	129	1	8	45	118	7	106	80
	30	6	499	1170	0.77	0.77	0.07	1.63	5.5	25.1	12,847	9,248	947	31.3	25.6	SRS 64x30 R-C	65.5	61.4	115	129	1	8	45	118	7	106	80
	36	6	479	1094	0.77	0.77	0.07	1.99	5.5	25.1	12,847	9,248	947	33.1	30.2	SRS 64x36 R-C	65.7	60.8	115	129	1	8	45	118	7	106	80
68	6	6	406	1630	0.77	0.77	0.02	0.48	10.3	28.3	16,373	23,768	1,633	28.5	5.7	SRS 68x6 R-C	68.4	67.5	130	170	1	10	50	133.7	9	115	85
	12	6	485	1618	0.77	0.77	0.04	0.72	10.3	28.3	16,373	23,768	1,633	32.4	11.4	SRS 68x12 R-C	68.7	67.1	130	170	1	10	50	133.7	9	115	85
	18	6	542	1637	0.77	0.77	0.07	0.93	10.3	28.3	16,373	23,768	1,633	37	17.7	SRS 68x18 R-C	69	66.5	130	170	1	10	50	133.7	9	115	85
	24	6	672	1860	0.77	0.77	0.07	1.22	10.3	28.3	16,373	23,768	1,633	39.6	22.4	SRS 68x24 R-C	69.3	66	130	170	1	10	50	133.7	9	115	85
	30	6	691	1917	0.77	0.77	0.07	1.46	10.3	28.3	16,373	23,768	1,633	42.2	27.2	SRS 68x30 R-C	69.5	65.4	130	170	1	10	50	133.7	9	115	85
	36	6	683	1867	0.77	0.77	0.07	1.75	10.3	28.3	16,373	23,768	1,633	44.9	32	SRS 68x36 R-C	69.7	64.9	130	170	1	10	50	133.7	9	115	85
75	10	5	616	2045	0.8	0.79	0.04	0.74	15.5	34.5	24,229	40,776	4,062	45.7	12.6	SRS 75x10 R-C	75.7	74.1	150	191	1	10	63	153	10.5	138	100
	15	5	677	2014	0.8	0.79	0.07	0.95	15.5	34.5	24,229	40,776	4,062	52.2	19.5	SRS 75x15 R-C	76	73.6	150	191	1	10	63	153	10.5	138	100
	20	5	802	2396	0.8	0.79	0.07	1.18	15.5	34.5	24,229	40,776	4,062	55.8	24.7	SRS 75x20 R-C	76.3	73.1	150	191	1	10	63	153	10.5	138	100
	25	5	803	2359	0.8	0.79	0.07	1.4	15.5	34.5	24,229	40,776	4,062	59.6	29.9	SRS 75x25 R-C	76.6	72.5	150	191	1	10	63	153	10.5	138	100
	30	5	810	2364	0.79	0.79	0.07	1.62	15.5	34.5	24,229	40,776	4,062	63.3	35.1	SRS 75x30 R-C	76.9	72	150	191	1	10	63	153	10.5	138	100
80	12	6	488	1537	0.77	0.77	0.04	0.96	9.5	39.2	31,366	22,869	2,778	37.5	13.4	SRS 80x12 R-C	80.7	79.1	140	158	1	10	63	143	10.5	130	100
	18	6	538	1524	0.77	0.77	0.07	1.24	9.5	39.2	31,366	22,869	2,778	42.1	20.8	SRS 80x18 R-C	81	78.6	140	158	1	10	63	143	10.5	130	100
	24	6	655	1762	0.77	0.77	0.07	1.58	9.5	39.2	31,366	22,869	2,778	44.7	26.3	SRS 80x24 R-C	81.3	78	140	158	1	10	63	143	10.5	130	100
	30	6	657	1747	0.77	0.77	0.07	1.9	9.5	39.2	31,366	22,869	2,778	47.3	31.9	SRS 80x30 R-C	81.6	77.5	140	158	1	10	63	143	10.5	130	100
	36	6	658	1732	0.77	0.77	0.07	2.24	9.5	39.2	31,366	22,869	2,778	50	37.5	SRS 80x36 R-C	81.8	76.9	140	158	1	10	63	143	10.5	130	100
87	10	5	735	2538	0.8	0.79	0.04	0.88	23.8	46.4	43,870	84,778	8,363	62.5	14.6	SRS 87x10 R-C	87.7	86.1	175	215	1	10	63	178	10.5	162	116
	15	5	792	2523	0.8	0.79	0.07	1.12	23.8	46.4	43,870	84,778	8,363	70.6	22.6	SRS 87x15 R-C	88	85.6	175	215	1	10	63	178	10.5	162	116
	20	5	922	2925	0.8	0.79	0.07	1.38	23.8	46.4	43,870	84,778	8,363	75	28.6	SRS 87x20 R-C	88.4	85.1	175	215	1	10	63	178	10.5	162	116
	25	5	938	2955	0.8	0.79	0.07	1.61	23.8	46.4	43,870	84,778	8,363	79.6	34.6	SRS 87x25 R-C	88.6	84.6	175	215	1	10	63	178	10.5	162	116
	30	5	932	2890	0.8	0.79	0.07	1.87	23.8	46.4	43,870	84,778	8,363	84.2	40.6	SRS 87x30 R-C	88.9	84	175	215	1	10	63	178	10.5	162	116

# Standard Roller Screws with Cylindrical Nut

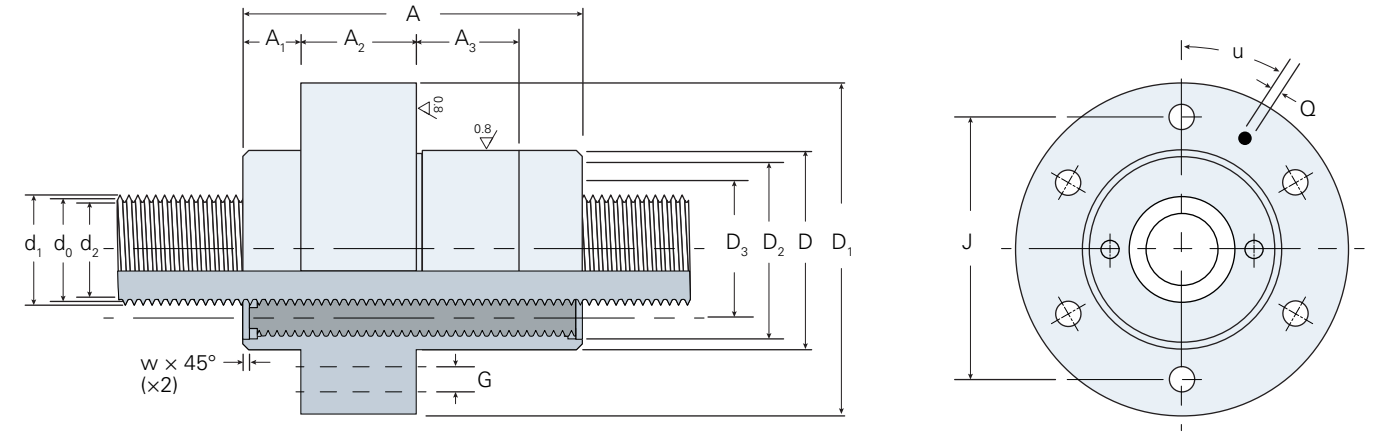
ø92 – ø120 mm



d <sub>0</sub> (mm)	P <sub>h</sub> (mm)	N (mm)	C <sub>a</sub> (kN)	C <sub>0a</sub> (kN)	η	η'	S <sub>0</sub>	T <sub>0</sub> (Nm)	m <sub>n</sub> (kg)	m <sub>s</sub> (kg/m)	I <sub>s</sub> (kgmm <sup>2</sup> /m)	I <sub>nn</sub> (kgmm <sup>2</sup> )	I <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D <sub>g6/H7</sub> (mm)	A <sub>h12</sub> (mm)	w (mm)	a (mm)	b <sub>h9</sub> (mm)	H (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)
92	12	6	621	2108	0.77	0.77	0.04	1.19	14.5	51.9	54,859	43,415	6,004	49.9	15.4	SRS 92x12 R-C	92.7	91.1	160	179	1	10	63	163	10.5	150	115
	18	6	690	2113	0.77	0.77	0.07	1.52	14.5	51.9	54,859	43,415	6,004	56.2	23.9	SRS 92x18 R-C	93	90.6	160	179	1	10	63	163	10.5	150	115
	24	6	823	2472	0.77	0.77	0.07	1.9	14.5	51.9	54,859	43,415	6,004	59.6	30.2	SRS 92x24 R-C	93.3	90.1	160	179	1	10	63	163	10.5	150	115
	30	6	822	2428	0.77	0.77	0.07	2.28	14.5	51.9	54,859	43,415	6,004	63.1	36.6	SRS 92x30 R-C	93.6	89.5	160	179	1	10	63	163	10.5	150	115
	36	6	840	2484	0.77	0.77	0.07	2.62	14.5	51.9	54,859	43,415	6,004	66.7	43	SRS 92x36 R-C	93.9	89	160	179	1	10	63	163	10.5	150	115
99	15	5	1059	3928	0.8	0.79	0.07	1.17	39.9	60	73,559	188,263	17,722	103.8	25.7	SRS 99x15 R-C	100.1	97.6	200	271	1.5	16	100	204	15	182	132
	20	5	1239	4589	0.8	0.79	0.07	1.42	39.9	60	73,559	188,263	17,722	110.6	32.5	SRS 99x20 R-C	100.4	97.1	200	271	1.5	16	100	204	15	182	132
	25	5	1251	4568	0.8	0.79	0.07	1.66	39.9	60	73,559	188,263	17,722	117.4	39.3	SRS 99x25 R-C	100.7	96.6	200	271	1.5	16	100	204	15	182	132
	30	5	1268	4602	0.8	0.79	0.07	1.89	39.9	60	73,559	188,263	17,722	124.3	46.2	SRS 99x30 R-C	101	96.1	200	271	1.5	16	100	204	15	182	132
	35	5	1283	4636	0.8	0.79	0.07	2.13	39.9	60	73,559	188,263	17,722	131.3	53	SRS 99x35 R-C	101.2	95.5	200	271	1.5	16	100	204	15	182	132
120	18	6	1173	4572	0.77	0.77	0.07	1.75	44.1	88.2	158,789	271,873	26,318	111.9	31.2	SRS 120x18 R-C	121	118.6	220	260	1.5	10	100	223	15	200	150
	24	6	1356	5242	0.77	0.77	0.07	4.77	44.1	88.2	158,789	271,873	26,318	119.2	39.4	SRS 120x24 R-C	121.4	118.1	220	260	1.5	10	100	223	15	200	150
	30	6	1379	5283	0.77	0.77	0.07	2.52	44.1	88.2	158,789	271,873	26,318	126.6	47.7	SRS 120x30 R-C	121.7	117.6	220	260	1.5	10	100	223	15	200	150
	36	6	1387	5257	0.77	0.77	0.07	2.89	44.1	88.2	158,789	271,873	26,318	134	55.9	SRS 120x36 R-C	121.9	117	220	260	1.5	10	100	223	15	200	150
120	15	5	1260	5057	0.8	0.79	0.07	1.47	62.9	88.2	158,789	420,854	42,375	141.6	31.2	SRS 120x15 R-C	121.1	118.6	240	300	1.5	16	100	244	15	220	160
	20	5	1470	5875	0.8	0.79	0.07	1.77	62.9	88.2	158,789	420,854	42,375	150.7	39.4	SRS 120x20 R-C	121.4	118.1	240	300	1.5	16	100	244	15	220	160
	25	5	1484	5850	0.8	0.79	0.07	2.05	62.9	88.2	158,789	420,854	42,375	159.8	47.6	SRS 120x25 R-C	121.7	117.6	240	300	1.5	16	100	244	15	220	160
	30	5	1495	5826	0.8	0.79	0.07	2.32	62.9	88.2	158,789	420,854	42,375	169	55.9	SRS 120x30 R-C	122	117.1	240	300	1.5	16	100	244	15	220	160
	35	5	1529	5966	0.8	0.79	0.07	2.58	62.9	88.2	158,789	420,854	42,375	178.2	64.1	SRS 120x35 R-C	122.3	116.6	240	300	1.5	16	100	244	15	220	160

# Standard Roller Screws with Flanged Nut

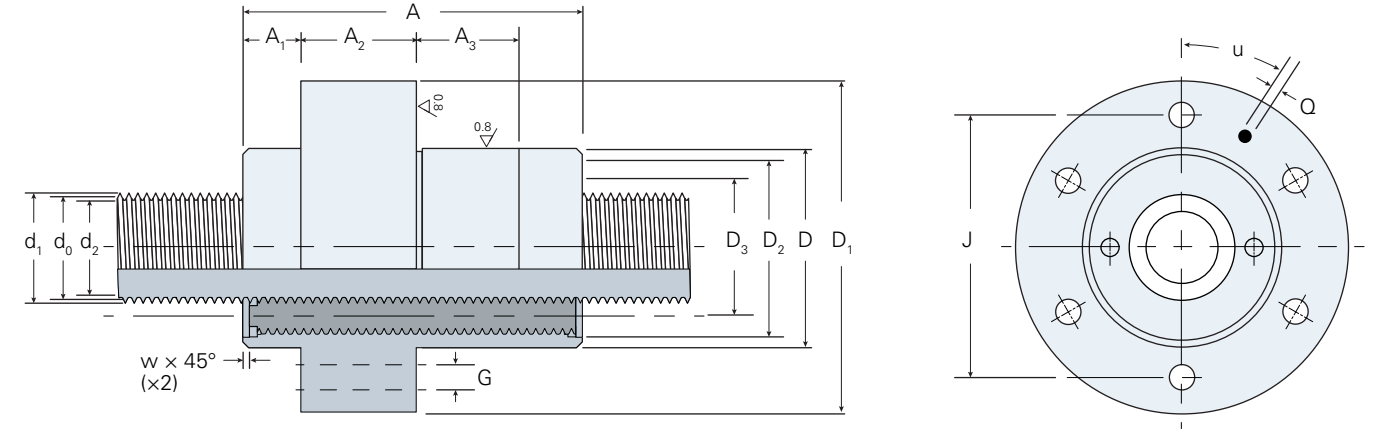
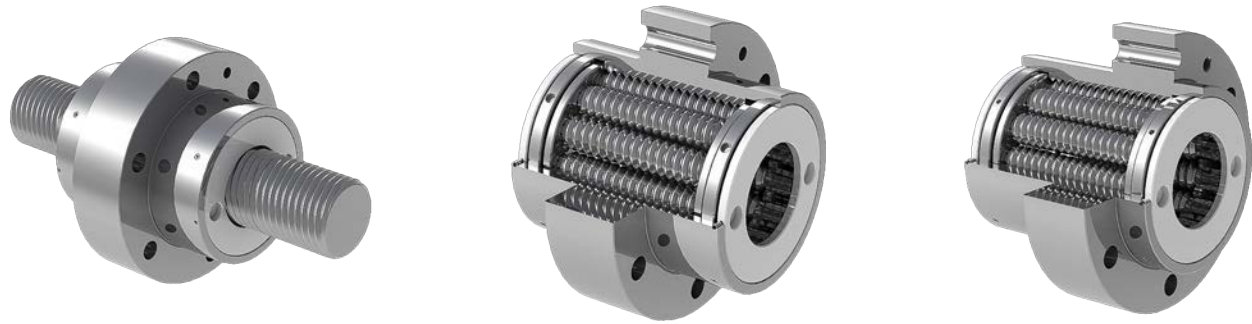
ø4 – ø18 mm



d <sub>0</sub> (mm)	P <sub>h</sub> (mm)	N (mm)	C <sub>a</sub> (kN)	C <sub>0a</sub> (kN)	η	η'	S <sub>0</sub>	T <sub>0</sub> (Nm)	m <sup>a</sup> (kg)	m <sub>s</sub> (kg/m)	I <sub>s</sub> (kgmm <sup>2</sup> /m)	I <sub>nn</sub> (kgmm <sup>2</sup> )	I <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm)	D <sub>g6/H7</sub> (mm)	A <sub>h12</sub> (mm)	A <sub>1</sub> (mm) F only	A <sub>1</sub> (mm) P only	A <sub>2</sub> (mm)	A <sub>3</sub> (mm)	J (mm)	G	w (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)	u
4	1	3	7	12	0.89	0.87	0.02	0.01	0.1	0.1	0.2	20.62	0.0	0.6	0.2	SRS 4x1 R3 F/P	4.1	3.8	19	39	40	14	-	12	14	29	6xø4.5	0.5	M6	16	8	30°
	2	3	8	12	0.89	0.87	0.02	0.01	0.1	0.1	0.2	20.62	0.0	0.6	0.2	SRS 4x2 R3 F/P	4.2	3.7	19	39	40	14	-	12	14	29	6xø4.5	0.5	M6	16	8	30°
	3	3	9	12	0.88	0.87	0.02	0.01	0.1	0.1	0.2	20.62	0.0	0.6	0.3	SRS 4x3 R3 F/P	4.3	3.5	19	39	40	14	-	12	14	29	6xø4.5	0.5	M6	16	8	30°
8	1	4	14	26	0.83	0.82	0.02	0.02	0.2	0.4	3.14	55.3	0.2	1	0.3	SRS 8x1 R4 F/P	8.1	7.9	25	46	44	14	-	16	14	36	6xø4.5	0.5	M6	21	12	30°
	2	4	17	27	0.83	0.82	0.02	0.02	0.2	0.4	3.14	55.3	0.2	1	0.4	SRS 8x2 R4 F/P	8.2	7.8	25	46	44	14	-	16	14	36	6xø4.5	0.5	M6	21	12	30°
	3	4	18	27	0.83	0.82	0.02	0.03	0.2	0.4	3.14	55.3	0.2	1	0.5	SRS 8x3 R4 F/P	8.2	7.6	25	46	44	14	-	16	14	36	6xø4.5	0.5	M6	21	12	30°
	4	4	19	27	0.83	0.82	0.02	0.04	0.2	0.4	3.14	55.3	0.2	1	0.7	SRS 8x4 R4 F/P	8.3	7.5	25	46	44	14	-	16	14	36	6xø4.5	0.5	M6	21	12	30°
12	2	5	21	38	0.8	0.79	0.02	0.05	0.3	0.9	15.9	87.1	0.5	1.4	0.5	SRS 12x2 R5 F/P	12.1	11.8	30	51	44	14	-	16	14	41	6xø4.5	0.5	M6	25	16	30°
	3	5	23	37	0.8	0.79	0.02	0.06	0.3	0.9	15.9	87.1	0.5	1.4	0.7	SRS 12x3 R5 F/P	12.2	11.7	30	51	44	14	-	16	14	41	6xø4.5	0.5	M6	25	16	30°
	4	5	24	37	0.8	0.79	0.02	0.07	0.3	0.9	15.9	87.1	0.5	1.4	0.8	SRS 12x4 R5 F/P	12.3	11.6	30	51	44	14	-	16	14	41	6xø4.5	0.5	M6	25	16	30°
	5	5	26	38	0.79	0.79	0.02	0.09	0.3	0.9	15.9	87.1	0.5	1.4	1	SRS 12x5 R5 F/P	12.3	11.5	30	51	44	14	-	16	14	41	6xø4.5	0.5	M6	25	16	30°
	6	5	27	37	0.79	0.79	0.02	0.1	0.3	0.9	15.9	87.1	0.5	1.4	1.2	SRS 12x6 R5 F/P	12.4	11.4	30	51	44	14	-	16	14	41	6xø4.5	0.5	M6	25	16	30°
	8	5	26	32	0.79	0.79	0.02	0.14	0.3	0.9	15.9	86.7	0.5	1.4	1.5	SRS 12x8 R5 F/P	12.4	11.1	30	51	44	14	-	16	14	41	6xø4.5	0.5	M6	25	16	30°
15	2	5	30	60	0.8	0.79	0.02	0.06	0.4	1.4	38.8	162	1.4	1.9	0.6	SRS 15x2 R5 F/P	15.1	14.8	35	58	50	16	-	18	16	46	6xø6	0.5	M6	30	20	30°
	3	5	33	59	0.8	0.79	0.02	0.07	0.4	1.4	38.8	162	1.4	1.9	0.9	SRS 15x3 R5 F/P	15.2	14.7	35	58	50	16	-	18	16	46	6xø6	0.5	M6	30	20	30°
	4	5	36	60	0.8	0.79	0.02	0.09	0.4	1.4	38.8	162	1.4	1.9	1.1	SRS 15x4 R5 F/P	15.3	14.6	35	58	50	16	-	18	16	46	6xø6	0.5	M6	30	20	30°
	5	5	38	60	0.8	0.79	0.02	0.1	0.4	1.4	38.8	162	1.4	1.9	1.3	SRS 15x5 R5 F/P	15.3	14.5	35	58	50	16	-	18	16	46	6xø6	0.5	M6	30	20	30°
	6	5	39	59	0.79	0.79	0.02	0.12	0.4	1.4	38.8	162	1.4	1.9	1.5	SRS 15x6 R5 F/P	15.4	14.4	35	58	50	16	-	18	16	46	6xø6	0.5	M6	30	20	30°
	8	5	41	59	0.79	0.79	0.02	0.15	0.4	1.4	38.8	162	1.4	2	1.9	SRS 15x8 R5 F/P	15.5	14.2	35	58	50	16	-	18	16	46	6xø6	0.5	M6	30	20	30°
18	2	5	43	95	0.8	0.79	0.02	0.07	0.6	2	80.4	240	3	2.4	0.8	SRS 18x2 R5 F/P	18.1	17.8	40	63	58	20	-	18	20	51	6xø6	0.5	M6	35	24	30°
	3	5	47	95	0.8	0.79	0.02	0.08	0.6	2	80.4	240	3	2.4	1	SRS 18x3 R5 F/P	18.2	17.7	40	63	58	20	-	18	20	51	6xø6	0.5	M6	35	24	30°
	4	5	50	95	0.8	0.79	0.02	0.1	0.6	2	80.4	240	3	2.4	1.3	SRS 18x4 R5 F/P	18.3	17.6	40	63	58	20	-	18	20	51	6xø6	0.5	M6	35	24	30°
	5	5	53	95	0.8	0.79	0.02	0.11	0.6	2	80.4	240	3	2.5	1.5	SRS 18x5 R5 F/P	18.3	17.5	40	63	58	20	-	18	20	51	6xø6	0.5	M6	35	24	30°
	6	5	55	95	0.8	0.79	0.02	0.13	0.6	2	80.4	240	3	2.5	1.8	SRS 18x6 R5 F/P	18.4	17.4	40	63	58	20	-	18	20	51	6xø6	0.5	M6	35	24	30°
	8	5	58	93	0.79	0.79	0.02	0.16	0.6	2	80.4	240	3	2.6	2.3	SRS 18x8 R5 F/P	18.5	17.2	40	63	58	20	-	18	20	51	6xø6	0.5	M6	35	24	30°
10	5	62	96	0.79	0.79	0.04	0.2	0.6	2	80.4	240	3	2.7	3.1	SRS 18x10 R5 F/P	18.6	17	40	63	58	20	-	18	20	51	6xø6	0.5	M6	35	24	30°	

# Standard Roller Screws with Flanged Nut

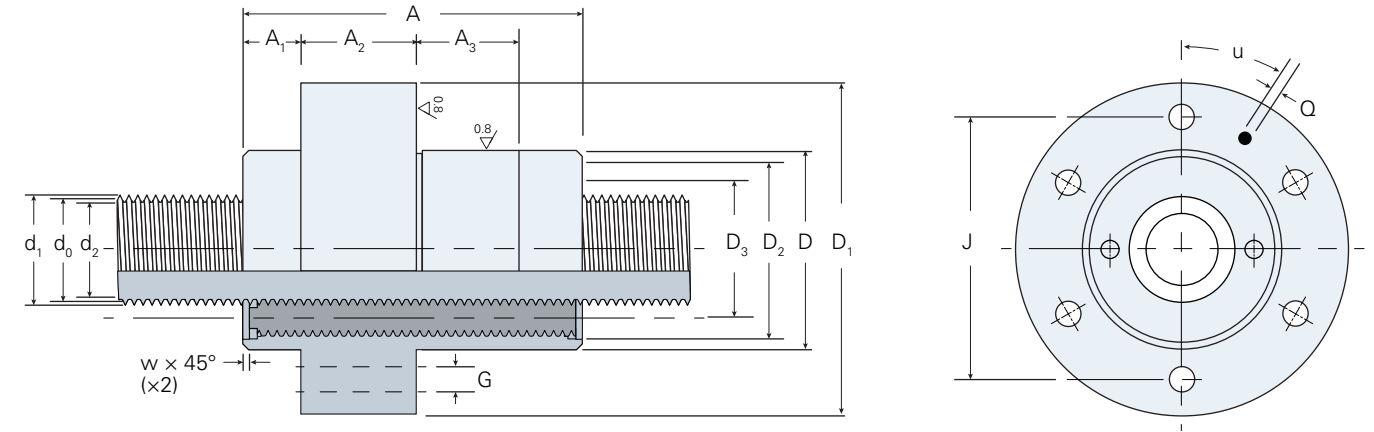
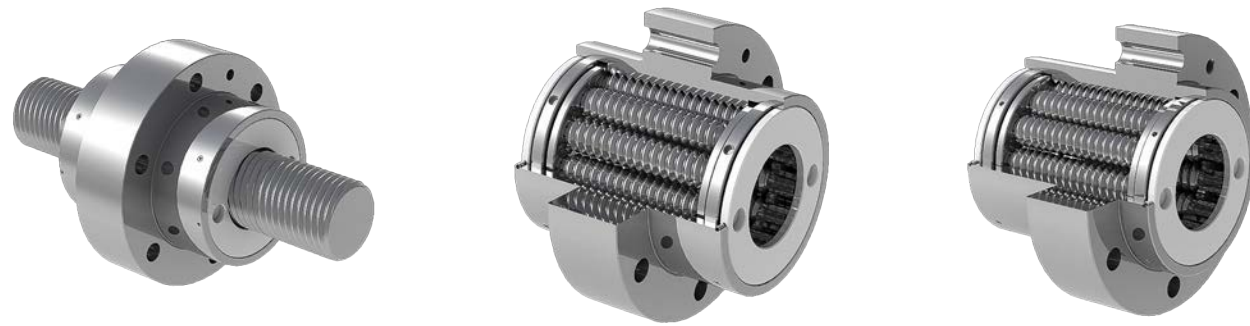
ø21 – ø27 mm



d <sub>0</sub> (mm)	P <sub>h</sub> (mm)	N (mm)	C <sub>a</sub> (kN)	C <sub>0a</sub> (kN)	η	η'	S <sub>0</sub>	T <sub>0</sub> (Nm)	m <sup>n</sup> (kg)	m <sub>s</sub> (kg/m)	I <sub>s</sub> (kgmm <sup>2</sup> /m)	I <sub>nn</sub> (kgmm <sup>2</sup> )	I <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm) g6/H7	D g6/H7 (mm)	A h12 (mm)	A <sub>1</sub> (mm) F only	A <sub>1</sub> (mm) P only	A <sub>2</sub> (mm)	A <sub>3</sub> (mm)	J (mm)	G	w (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)	u
21	2	5	56	134	0.8	0.79	0.02	0.09	0.7	2.7	149	344	7	3	0.9	SRS 21x2 R5 F/P	21.1	20.8	45	68	64	23	10	18	10	56	6xø6	0.5	M6	40	28	30°
	3	5	61	132	0.8	0.79	0.02	0.11	0.7	2.7	149	344	7	3	1.2	SRS 21x3 R5 F/P	21.2	20.7	45	68	64	23	10	18	10	56	6xø6	0.5	M6	40	28	30°
	4	5	66	134	0.8	0.79	0.02	0.13	0.7	2.7	149	344	7	3	1.5	SRS 21x4 R5 F/P	21.3	20.6	45	68	64	23	10	18	10	56	6xø6	0.5	M6	40	28	30°
	5	5	69	135	0.8	0.79	0.02	0.15	0.7	2.7	149	344	7	3.1	1.8	SRS 21x5 R5 F/P	21.3	20.5	45	68	64	23	10	18	10	56	6xø6	0.5	M6	40	28	30°
	6	5	72	133	0.8	0.79	0.02	0.17	0.7	2.7	149	344	7	3.1	2.1	SRS 21x6 R5 F/P	21.4	20.4	45	68	64	23	10	18	10	56	6xø6	0.5	M6	40	28	30°
	8	5	77	135	0.79	0.79	0.02	0.21	0.7	2.7	149	344	7	3.2	2.6	SRS 21x8 R5 F/P	21.5	20.2	45	68	64	23	10	18	10	56	6xø6	0.5	M6	40	28	30°
	10	5	81	136	0.79	0.79	0.04	0.25	0.7	2.7	149	344	7	3.4	3.6	SRS 21x10 R5 F/P	21.6	20	45	68	64	23	10	18	10	56	6xø6	0.5	M6	40	28	30°
24	3	6	56	130	0.77	0.77	0.02	0.13	0.7	3.5	254	402	8	3.1	1.2	SRS 24x3 R6 F/P	24.2	23.8	48	71	58	20	10	18	10	59	6xø6	0.5	M6	42	30	30°
	6	6	66	131	0.77	0.77	0.02	0.2	0.7	3.5	254	402	8	3.2	2	SRS 24x6 R6 F/P	24.3	23.5	48	71	58	20	10	18	10	59	6xø6	0.5	M6	42	30	30°
	12	6	77	132	0.77	0.77	0.04	0.34	0.7	3.5	254	402	8	3.5	4.1	SRS 24x12 R6 F/P	24.6	23	48	71	58	20	10	18	10	59	6xø6	0.5	M6	42	30	30°
24	2	5	77	210	0.8	0.79	0.02	0.09	1.3	3.5	254	910	15	4.3	1	SRS 24x2 R5 F/P	24.1	23.8	53	84	78	29	10	20	10	70	6xø7	0.5	M6	46	32	30°
	4	5	91	208	0.8	0.79	0.02	0.13	1.3	3.5	254	910	15	4.4	1.7	SRS 24x4 R5 F/P	24.3	23.6	53	84	78	29	10	20	10	70	6xø7	0.5	M6	46	32	30°
	5	5	97	214	0.8	0.79	0.02	0.15	1.3	3.5	254	909	16	4.5	2	SRS 24x5 R5 F/P	24.3	23.5	53	84	78	29	10	20	10	70	6xø7	0.5	M6	46	32	30°
	6	5	99	206	0.8	0.79	0.02	0.17	1.3	3.5	254	910	15	4.6	2.3	SRS 24x6 R5 F/P	24.4	23.4	53	84	78	29	10	20	10	70	6xø7	0.5	M6	46	32	30°
	8	5	105	205	0.8	0.79	0.02	0.22	1.3	3.5	254	910	15	4.7	3	SRS 24x8 R5 F/P	24.5	23.2	53	84	78	29	10	20	10	70	6xø7	0.5	M6	46	32	30°
	10	5	112	210	0.79	0.79	0.04	0.25	1.3	3.5	254	910	15	5	4.1	SRS 24x10 R5 F/P	24.6	23	53	84	78	29	10	20	10	70	6xø7	0.5	M6	46	32	30°
27	15	5	120	205	0.79	0.79	0.07	0.37	1.3	3.5	254	910	15	5.7	6.4	SRS 24x15 R5 F/P	24.8	22.4	53	84	78	29	10	20	10	70	6xø7	0.5	M6	46	32	30°
	2	5	85	234	0.8	0.79	0.02	0.11	1.4	4.5	407	990	25	5.1	1.2	SRS 27x2 R5 F/P	27.1	26.8	58	83	79	22	10	22	10	68	6xø7	0.5	M6	51	36	30°
	4	5	101	235	0.8	0.79	0.02	0.16	1.4	4.5	407	990	25	5.2	1.9	SRS 27x4 R5 F/P	27.3	26.6	58	83	79	22	10	22	10	68	6xø7	0.5	M6	51	36	30°
	5	5	106	231	0.8	0.79	0.02	0.18	1.4	4.5	407	990	25	5.3	2.3	SRS 27x5 R5 F/P	27.3	26.5	58	83	79	22	10	22	10	68	6xø7	0.5	M6	51	36	30°
	6	5	110	230	0.8	0.79	0.02	0.2	1.4	4.5	407	990	25	5.3	2.6	SRS 27x6 R5 F/P	27.4	26.4	58	83	79	22	10	22	10	68	6xø7	0.5	M6	51	36	30°
	8	5	118	231	0.8	0.79	0.02	0.25	1.4	4.5	407	990	25	5.5	3.4	SRS 27x8 R5 F/P	27.5	26.2	58	83	79	22	10	22	10	68	6xø7	0.5	M6	51	36	30°
	10	5	122	227	0.79	0.79	0.04	0.29	1.4	4.5	407	990	25	5.9	4.6	SRS 27x10 R5 F/P	27.6	26	58	83	79	22	10	22	10	68	6xø7	0.5	M6	51	36	30°
15	5	131	223	0.79	0.79	0.07	0.41	1.4	4.5	407	990	25	6.6	7.1	SRS 27x15 R5 F/P	27.9	25.4	58	83	79	22	10	22	10	68	6xø7	0.5	M6	51	36	30°	

# Standard Roller Screws with Flanged Nut

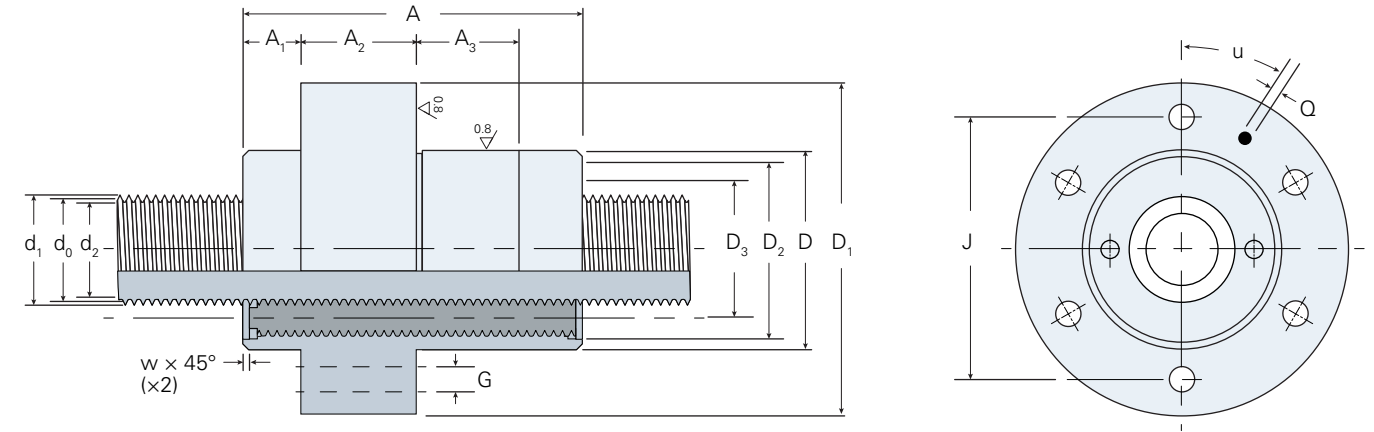
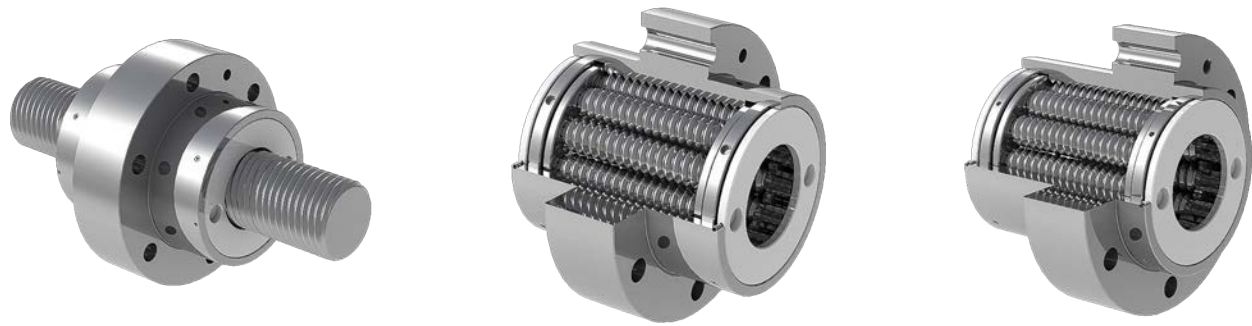
ø30 – ø36 mm



d <sub>0</sub> (mm)	P <sub>h</sub> (mm)	N (mm)	C <sub>a</sub> (kN)	C <sub>0a</sub> (kN)	η	η'	S <sub>0</sub>	T <sub>0</sub> (Nm)	m <sub>n</sub> (kg)	m <sub>s</sub> (kg/m)	I <sub>s</sub> (kgmm <sup>2</sup> /m)	I <sub>nn</sub> (kgmm <sup>2</sup> )	I <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm) g6/H7	D g6/H7 (mm)	A h12 (mm)	A <sub>1</sub> (mm) F only	A <sub>1</sub> (mm) P only	A <sub>2</sub> (mm)	A <sub>3</sub> (mm)	J (mm)	G	w (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)	u
30	2	5	96	271	0.8	0.79	0.02	0.12	2.1	5.5	620	2,015	42	7	1.3	SRS 30x2 R5 F/P	30.1	29.8	64	97	85	29	12	27	15	81	6xø9	0.5	M6	58	40	30°
	4	5	114	272	0.8	0.79	0.02	0.18	2.1	5.5	620	2,015	42	7.2	2.1	SRS 30x4 R5 F/P	30.3	29.6	64	97	85	29	12	27	15	81	6xø9	0.5	M6	58	40	30°
	5	5	121	273	0.8	0.79	0.02	0.2	2.1	5.5	620	2,015	42	7.2	2.5	SRS 30x5 R5 F/P	30.3	29.5	64	97	85	29	12	27	15	81	6xø9	0.5	M6	58	40	30°
	6	5	125	270	0.8	0.79	0.02	0.23	2.1	5.5	620	2,015	42	7.3	2.9	SRS 30x6 R5 F/P	30.4	29.4	64	97	85	29	12	27	15	81	6xø9	0.5	M6	58	40	30°
	8	5	133	268	0.8	0.79	0.02	0.27	2.1	5.5	620	2,015	42	7.5	3.8	SRS 30x8 R5 F/P	30.5	29.2	64	97	85	29	12	27	15	81	6xø9	0.5	M6	58	40	30°
	10	5	140	268	0.8	0.79	0.04	0.32	2.1	5.5	620	2,015	42	7.9	5.1	SRS 30x10 R5 F/P	30.6	29	64	97	85	29	12	27	15	81	6xø9	0.5	M6	58	40	30°
	15	5	156	276	0.79	0.79	0.07	0.44	2.1	5.5	620	2,015	42	8.8	7.9	SRS 30x15 R5 F/P	30.9	28.4	64	97	85	29	12	27	15	81	6xø9	0.5	M6	58	40	30°
20	5	193	317	0.79	0.79	0.07	0.62	2.1	5.5	620	2,015	42	9.3	10.1	SRS 30x20 R5 F/P	31.1	27.9	64	97	85	29	12	27	15	81	6xø9	0.5	M6	58	40	30°	
36	6	6	122	287	0.77	0.77	0.02	0.28	2.1	7.9	1,286	2,383	55	7.6	3	SRS 36x6 R6 F/P	36.3	35.5	68	102	80	26.5	12	27	15	85	6xø9	0.5	M6	62	45	30°
	9	6	133	284	0.77	0.77	0.02	0.37	2.1	7.9	1,286	2,383	55	7.8	4.3	SRS 36x9 R6 F/P	36.5	35.3	68	102	80	26.5	12	27	15	85	6xø9	0.5	M6	62	45	30°
	12	6	142	281	0.77	0.77	0.04	0.46	2.1	7.9	1,286	2,383	55	8.3	6.1	SRS 36x12 R6 F/P	36.6	35	68	102	80	26.5	12	27	15	85	6xø9	0.5	M6	62	45	30°
	18	6	152	276	0.77	0.77	0.07	0.65	2.1	7.9	1,286	2,383	55	9.1	9.5	SRS 36x18 R6 F/P	36.9	34.4	68	102	80	26.5	12	27	15	85	6xø9	0.5	M6	62	45	30°
	24	6	195	332	0.77	0.77	0.07	0.91	2.1	7.9	1,286	2,383	55	9.6	12.1	SRS 36x24 R6 F/P	37.1	33.8	68	102	80	26.5	12	27	15	85	6xø9	0.5	M6	62	45	30°
36	2	5	128	389	0.8	0.79	0.02	0.15	2.8	7.9	1,286	3,316	98	8.9	1.5	SRS 36x2 R5 F/P	36.1	35.8	74	110	96	35.5	13	25	18	92	6xø9	0.5	M6	68	48	30°
	4	5	151	390	0.8	0.79	0.02	0.21	2.8	7.9	1,286	3,316	98	9.1	2.5	SRS 36x4 R5 F/P	36.3	35.6	74	110	96	35.5	13	25	18	92	6xø9	0.5	M6	68	48	30°
	5	5	160	390	0.8	0.79	0.02	0.24	2.8	7.9	1,286	3,316	98	9.2	3	SRS 36x5 R5 F/P	36.4	35.5	74	110	96	35.5	13	25	18	92	6xø9	0.5	M6	68	48	30°
	6	5	165	384	0.8	0.79	0.02	0.27	2.8	7.9	1,286	3,316	98	9.4	3.5	SRS 36x6 R5 F/P	36.4	35.4	74	110	96	35.5	13	25	18	92	6xø9	0.5	M6	68	48	30°
	8	5	177	385	0.8	0.79	0.02	0.32	2.8	7.9	1,286	3,316	98	9.6	4.5	SRS 36x8 R5 F/P	36.5	35.2	74	110	96	35.5	13	25	18	92	6xø9	0.5	M6	68	48	30°
	10	5	189	392	0.8	0.79	0.04	0.37	2.8	7.9	1,286	3,316	98	10.3	6.1	SRS 36x10 R5 F/P	36.7	35	74	110	96	35.5	13	25	18	92	6xø9	0.5	M6	68	48	30°
	15	5	202	379	0.79	0.79	0.07	0.51	2.8	7.9	1,286	3,316	98	11.5	9.4	SRS 36x15 R5 F/P	36.9	34.5	74	110	96	35.5	13	25	18	92	6xø9	0.5	M6	68	48	30°
20	5	261	462	0.79	0.79	0.07	0.68	2.8	7.9	1,286	3,316	98	12.2	12	SRS 36x20 R5 F/P	37.2	33.9	74	110	96	35.5	13	25	18	92	6xø9	0.5	M6	68	48	30°	

# Standard Roller Screws with Flanged Nut

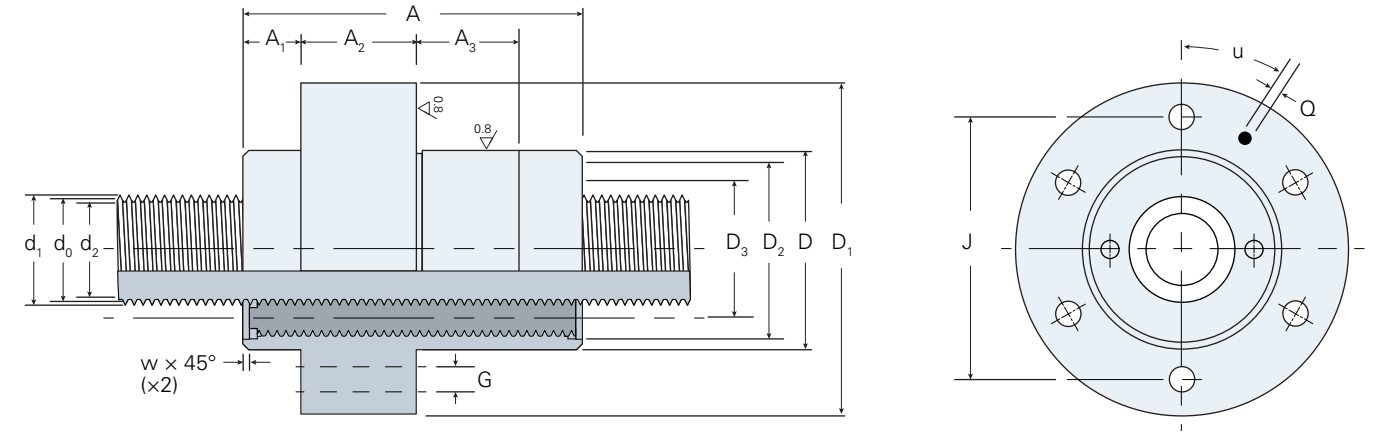
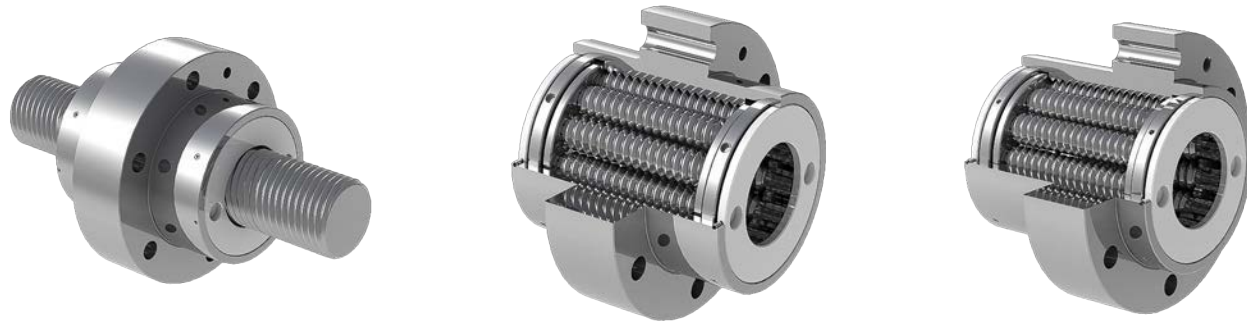
ø39 – ø48 mm



$d_0$ (mm)	$P_h$ (mm)	$N$ (mm)	$C_a$ (kN)	$C_{0a}$ (kN)	$\eta$	$\eta'$	$S_0$	$T_0$ (Nm)	$m_n$ (kg)	$m_s$ (kg/m)	$I_s$ (kgmm <sup>2</sup> /m)	$I_{nn}$ (kgmm <sup>2</sup> )	$I_{ns}$	$Z_n$ (mL)	$Z_s$ (mL/m)	Part Number	$d_1$ (mm)	$d_2$ (mm)	$D$ (mm) g6/H7	$D$ g6/H7 (mm)	$A_{h12}$ (mm)	$A_1$ (mm) F only	$A_1$ (mm) P only	$A_2$ (mm)	$A_3$ (mm)	$J$ (mm)	$G$	$w$ (mm)	$Q$ (mm)	$D_2$ (mm)	$D_3$ (mm)	$u$
39	2	5	148	469	0.8	0.79	0.02	0.18	4	9.3	1,772	6,339	148	10.4	1.7	SRS 39x2 R5 F/P	39.1	38.8	82	124	100	33.5	13	33	18	102	6xø11	1	M6	72	52	30°
	4	5	174	466	0.8	0.79	0.02	0.26	4	9.3	1,772	6,339	148	10.7	2.7	SRS 39x4 R5 F/P	39.3	38.6	82	124	100	33.5	13	33	18	102	6xø11	1	M6	72	52	30°
	5	5	185	470	0.8	0.79	0.02	0.29	4	9.3	1,772	6,339	148	10.9	3.3	SRS 39x5 R5 F/P	39.4	38.5	82	124	100	33.5	13	33	18	102	6xø11	1	M6	72	52	30°
	6	5	192	467	0.8	0.79	0.02	0.32	4	9.3	1,772	6,339	148	11	3.8	SRS 39x6 R5 F/P	39.4	38.4	82	124	100	33.5	13	33	18	102	6xø11	1	M6	72	52	30°
	8	5	204	461	0.8	0.79	0.02	0.39	4	9.3	1,772	6,339	148	11.3	4.9	SRS 39x8 R5 F/P	39.5	38.2	82	124	100	33.5	13	33	18	102	6xø11	1	M6	72	52	30°
	10	5	218	472	0.8	0.79	0.04	0.44	4	9.3	1,772	6,339	148	12.1	6.6	SRS 39x10 R5 F/P	39.7	38	82	124	100	33.5	13	33	18	102	6xø11	1	M6	72	52	30°
	15	5	237	466	0.79	0.79	0.07	0.6	4	9.3	1,772	6,339	148	13.6	10.2	SRS 39x15 R5 F/P	39.9	37.5	82	124	100	33.5	13	33	18	102	6xø11	1	M6	72	52	30°
	20	5	277	487	0.79	0.79	0.07	0.74	3.9	9.3	1,772	6,328	137	14	13	SRS 39x20 R5 F/P	40.2	36.9	82	124	100	33.5	13	33	18	102	6xø11	1	M6	72	52	30°
44	6	6	160	400	0.77	0.77	0.02	0.39	3.5	11.9	2,870	6,068	141	11	3.7	SRS 44x6 R6 F/P	44.4	43.5	82	124	90	28.5	12	33	18	102	6xø11	0.5	M6	73	55	30°
	12	6	189	402	0.77	0.77	0.04	0.61	3.5	11.9	2,870	6,068	141	12	7.4	SRS 44x12 R6 F/P	44.7	43	82	124	90	28.5	12	33	18	102	6xø11	0.5	M6	73	55	30°
	18	6	204	395	0.77	0.77	0.07	0.84	3.5	11.9	2,870	6,068	141	13.2	11.5	SRS 44x18 R6 F/P	44.9	42.5	82	124	90	28.5	12	33	18	102	6xø11	0.5	M6	73	55	30°
	24	6	254	453	0.77	0.77	0.07	1.16	3.5	11.9	2,870	6,068	141	13.8	14.6	SRS 44x24 R6 F/P	45.1	41.9	82	124	90	28.5	12	33	18	102	6xø11	0.5	M6	73	55	30°
	30	6	261	445	0.77	0.77	0.07	1.47	3.5	11.9	2,870	6,068	141	14.5	17.8	SRS 44x30 R6 F/P	45.3	41.3	82	124	90	28.5	12	33	18	102	6xø11	0.5	M6	73	55	30°
48	6	6	198	534	0.77	0.77	0.02	0.41	3.8	14.1	4,065	6,186	226	12.6	4	SRS 48x6 R6 F/P	48.4	47.5	86	122	99	32	12	35	18	104	6xø11	1	M8x1	80	60	80°
	12	6	230	526	0.77	0.77	0.04	0.63	3.8	14.1	4,065	6,186	226	13.9	8.1	SRS 48x12 R6 F/P	48.7	47	86	122	99	32	12	35	18	104	6xø11	1	M8x1	80	60	80°
	15	6	241	522	0.77	0.77	0.07	0.74	3.8	14.1	4,065	6,186	226	15	10.9	SRS 48x15 R6 F/P	48.8	46.8	86	122	99	32	12	35	18	104	6xø11	1	M8x1	80	60	80°
	18	6	256	539	0.77	0.77	0.07	0.85	3.8	14.1	4,065	6,186	226	15.4	12.5	SRS 48x18 R6 F/P	48.9	46.5	86	122	99	32	12	35	18	104	6xø11	1	M8x1	80	60	80°
	20	6	302	602	0.77	0.77	0.07	0.98	3.8	14.1	4,065	6,186	226	15.7	13.7	SRS 48x20 R6 F/P	49	46.3	86	122	99	32	12	35	18	104	6xø11	1	M8x1	80	60	80°
48	24	6	320	620	0.77	0.77	0.07	1.15	3.8	14.1	4,065	6,186	226	16.3	15.9	SRS 48x24 R6 F/P	49.2	45.9	86	122	99	32	12	35	18	104	6xø11	1	M8x1	80	60	80°
	5	5	272	788	0.8	0.79	0.02	0.34	7.3	14.1	4,065	16,332	443	18.1	4	SRS 48x5 R5 F/P	48.4	47.5	105	150	127	45	15	37	20	127	6xø13.5	1	M8x1	90	64	90°
	10	5	319	780	0.8	0.79	0.04	0.51	7.3	14.1	4,065	16,332	443	20.1	8.1	SRS 48x10 R5 F/P	48.7	47	105	150	127	45	15	37	20	127	6xø13.5	1	M8x1	90	64	90°
	15	5	355	794	0.8	0.79	0.07	0.67	7.3	14.1	4,065	16,332	443	22.6	12.5	SRS 48x15 R5 F/P	49	46.5	105	150	127	45	15	37	20	127	6xø13.5	1	M8x1	90	64	90°
	20	5	445	916	0.79	0.79	0.07	0.88	7.3	14.1	4,065	16,332	443	23.9	15.9	SRS 48x20 R5 F/P	49.2	46	105	150	127	45	15	37	20	127	6xø13.5	1	M8x1	90	64	90°
	25	5	412	812	0.79	0.79	0.07	0.98	7.1	14.1	4,065	16,298	409	24.7	19.3	SRS 48x25 R5 F/P	49.5	45.4	105	150	127	45	15	37	20	127	6xø13.5	1	M8x1	90	64	90°
	30	5	413	815	0.79	0.79	0.07	1.17	7.1	14.1	4,065	16,298	409	26	22.7	SRS 48x30 R5 F/P	49.7	44.8	105	150	127	45	15	37	20	127	6xø13.5	1	M8x1	90	64	90°

# Standard Roller Screws with Flanged Nut

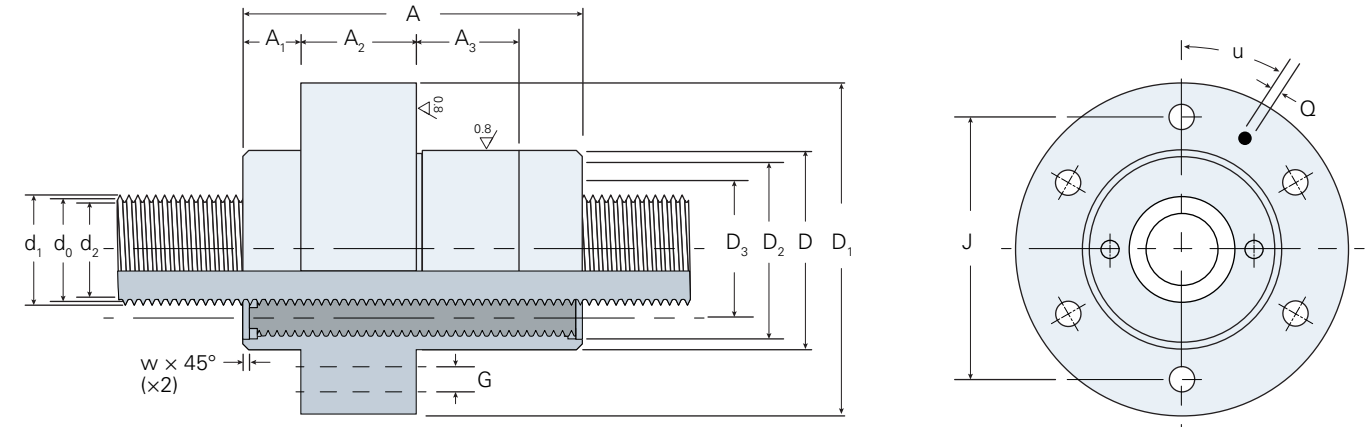
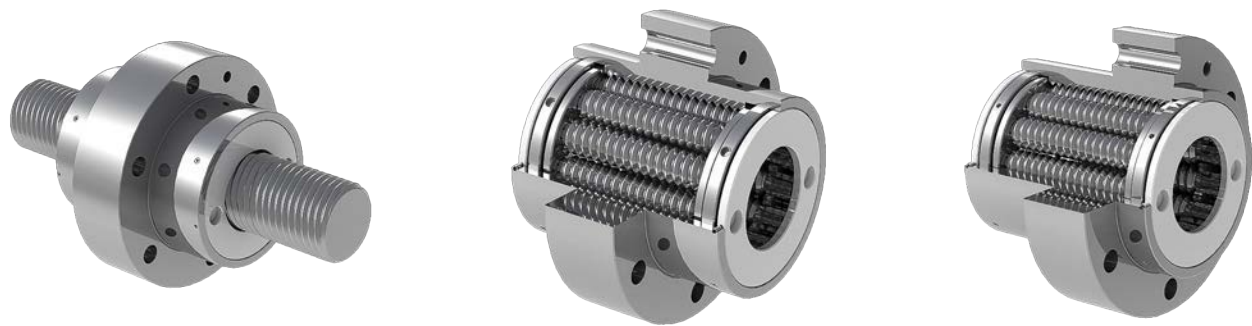
ø51 – ø60 mm



d <sub>0</sub> (mm)	P <sub>h</sub> (mm)	N (mm)	C <sub>a</sub> (kN)	C <sub>0a</sub> (kN)	η	η'	S <sub>0</sub>	T <sub>0</sub> (Nm)	m <sup>n</sup> (kg)	m <sub>s</sub> (kg/m)	I <sub>s</sub> (kgmm <sup>2</sup> /m)	I <sub>nn</sub> (kgmm <sup>2</sup> )	I <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm) g6/H7	D g6/H7 (mm)	A h12 (mm)	A <sub>1</sub> (mm) F only	A <sub>1</sub> (mm) P only	A <sub>2</sub> (mm)	A <sub>3</sub> (mm)	J (mm)	G	w (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)	u
51	5	5	315	964	0.8	0.79	0.02	0.35	7.3	15.9	5,181	14,909	619	18.4	4.3	SRS 51x5 R5 F/P	51.4	50.5	102	147	139	52	15	35	20	124	6xø13.5	1	M8x1	94	68	94°
	10	5	370	955	0.8	0.79	0.07	0.52	7.3	15.9	5,181	14,909	619	22.3	9.8	SRS 51x10 R5 F/P	51.7	50	102	147	139	52	15	35	20	124	6xø13.5	1	M8x1	94	68	94°
	15	5	411	970	0.8	0.79	0.07	0.68	7.3	15.9	5,181	14,909	619	24	13.3	SRS 51x15 R5 F/P	52	49.5	102	147	139	52	15	35	20	124	6xø13.5	1	M8x1	94	68	94°
	20	5	512	1121	0.79	0.79	0.07	0.89	7.3	15.9	5,181	14,909	619	25.7	16.8	SRS 51x20 R5 F/P	52.3	49	102	147	139	52	15	35	20	124	6xø13.5	1	M8x1	94	68	94°
	25	5	518	1139	0.79	0.79	0.07	1.07	7.3	15.9	5,181	14,909	619	27.4	20.4	SRS 51x25 R5 F/P	52.5	48.4	102	147	139	52	15	35	20	124	6xø13.5	1	M8x1	94	68	94°
56	6	6	247	708	0.77	0.77	0.02	0.47	6.1	19.2	7,531	14,972	472	17.4	4.7	SRS 56x6 R6 F/P	56.4	55.5	105	150	112	37.5	15	37	20	127	6xø13.5	1	M8x1	92	70	92°
	12	6	289	699	0.77	0.77	0.04	0.72	6.1	19.2	7,531	14,972	472	19.2	9.4	SRS 56x12 R6 F/P	56.7	55	105	150	112	37.5	15	37	20	127	6xø13.5	1	M8x1	92	70	92°
	18	6	318	702	0.77	0.77	0.07	0.96	6.1	19.2	7,531	14,972	472	21.3	14.6	SRS 56x18 R6 F/P	57	54.5	105	150	112	37.5	15	37	20	127	6xø13.5	1	M8x1	92	70	92°
	24	6	393	795	0.77	0.77	0.07	1.29	6.1	19.2	7,531	14,972	472	22.4	18.5	SRS 56x24 R6 F/P	57.2	54	105	150	112	37.5	15	37	20	127	6xø13.5	1	M8x1	92	70	92°
	30	6	402	785	0.77	0.77	0.07	1.59	6.1	19.2	7,531	14,972	472	23.6	22.5	SRS 56x30 R6 F/P	57.4	53.4	105	150	112	37.5	15	37	20	127	6xø13.5	1	M8x1	92	70	92°
60	36	6	416	830	0.77	0.77	0.07	1.87	6.1	19.2	7,531	14,972	472	24.8	26.5	SRS 56x36 R6 F/P	57.6	52.8	105	150	112	37.5	15	37	20	127	6xø13.5	1	M8x1	92	70	92°
	6	6	287	869	0.77	0.77	0.02	0.49	7.3	22.1	9,924	17,721	699	22.9	5	SRS 60x6 R6 F/P	60.4	59.5	110	150	124	42	15	40	20	130	6xø13.5	1	M8x1	100	75	100°
	9	6	315	864	0.77	0.77	0.02	0.62	7.3	22.1	9,924	17,721	699	23.5	7.1	SRS 60x9 R6 F/P	60.5	59.3	110	150	124	42	15	40	20	130	6xø13.5	1	M8x1	100	75	100°
	12	6	336	860	0.77	0.77	0.04	0.75	7.3	22.1	9,924	17,721	699	25	10.1	SRS 60x12 R6 F/P	60.7	59	110	150	124	42	15	40	20	130	6xø13.5	1	M8x1	100	75	100°
	18	6	367	850	0.77	0.77	0.07	0.99	7.3	22.1	9,924	17,721	699	27.5	15.6	SRS 60x18 R6 F/P	61	58.5	110	150	124	42	15	40	20	130	6xø13.5	1	M8x1	100	75	100°
60	24	6	469	1010	0.77	0.77	0.07	1.29	7.3	22.1	9,924	17,721	699	28.9	19.8	SRS 60x24 R6 F/P	61.2	58	110	150	124	42	15	40	20	130	6xø13.5	1	M8x1	100	75	100°
	30	6	465	969	0.77	0.77	0.07	1.61	7.3	22.1	9,924	17,721	699	30.3	24.1	SRS 60x30 R6 F/P	61.5	57.4	110	150	124	42	15	40	20	130	6xø13.5	1	M8x1	100	75	100°
	42	6	460	961	0.77	0.77	0.07	2.27	7.3	22.1	9,924	17,721	699	33.3	32.7	SRS 60x42 R6 F/P	61.8	56.2	110	150	124	42	15	40	20	130	6xø13.5	1	M8x1	100	75	100°
	5	5	382	1213	0.8	0.79	0.02	0.43	12.6	22.1	9,924	40,320	1,298	28.2	5	SRS 60x5 R5 F/P	60.4	59.5	122	180	152	53.5	17	45	25	150	6xø17.5	1	M8x1	110	80	110°
	10	5	449	1202	0.8	0.79	0.04	0.63	12.6	22.1	9,924	40,320	1,298	31.4	10.1	SRS 60x10 R5 F/P	60.7	59.1	122	180	152	53.5	17	45	25	150	6xø17.5	1	M8x1	110	80	110°
60	15	5	494	1206	0.8	0.79	0.07	0.81	12.6	22.1	9,924	40,320	1,298	35.2	15.6	SRS 60x15 R5 F/P	61	58.5	122	180	152	53.5	17	45	25	150	6xø17.5	1	M8x1	110	80	110°
	20	5	593	1378	0.8	0.79	0.07	1.04	12.6	22.1	9,924	40,320	1,298	37.3	19.8	SRS 60x20 R5 F/P	61.3	58	122	180	152	53.5	17	45	25	150	6xø17.5	1	M8x1	110	80	110°
	25	5	610	1431	0.79	0.79	0.07	1.23	12.6	22.1	9,924	40,320	1,298	39.5	24	SRS 60x25 R5 F/P	61.5	57.5	122	180	152	53.5	17	45	25	150	6xø17.5	1	M8x1	110	80	110°
	30	5	607	1419	0.79	0.79	0.07	1.45	12.6	22.1	9,924	40,320	1,298	41.7	28.2	SRS 60x30 R5 F/P	61.8	56.9	122	180	152	53.5	17	45	25	150	6xø17.5	1	M8x1	110	80	110°
	35	5	562	1264	0.79	0.79	0.07	1.53	12.3	22.1	9,924	40,210	1,198	42.8	32.5	SRS 60x35 R5 F/P	62	56.3	122	180	152	53.5	17	45	25	150	6xø17.5	1	M8x1	110	80	110°

# Standard Roller Screws with Flanged Nut

ø64 – ø87 mm

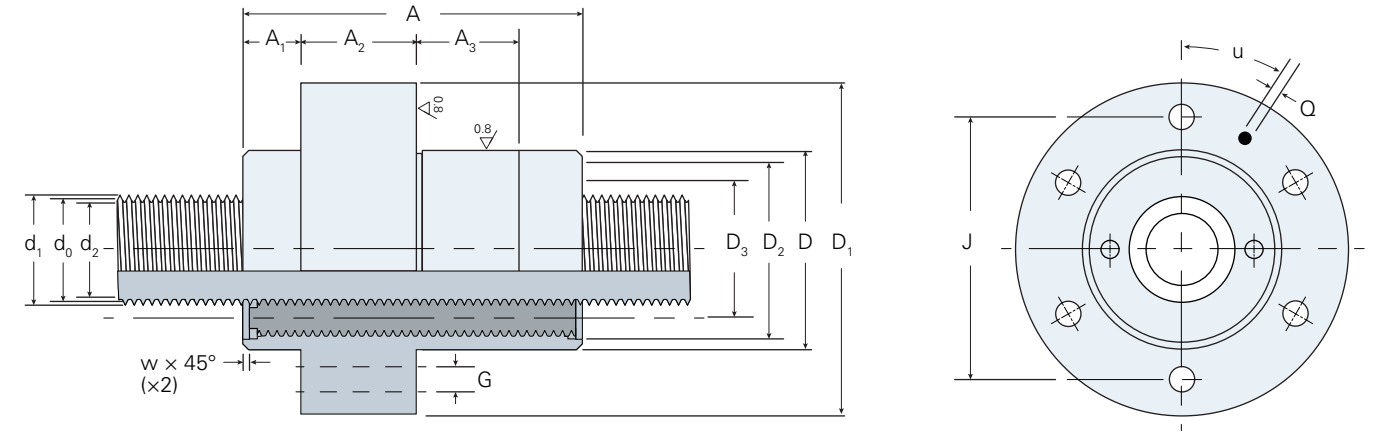
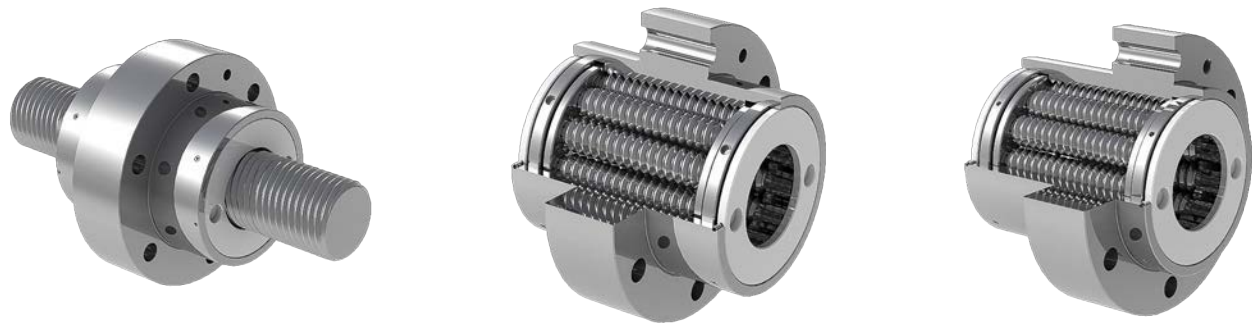


d <sub>o</sub> (mm)	P <sub>h</sub> (mm)	N (mm)	C <sub>a</sub> (kN)	C <sub>0a</sub> (kN)	η	η'	S <sub>0</sub>	T <sub>0</sub> (Nm)	m <sub>n</sub> (kg)	m <sub>s</sub> (kg/m)	I <sub>s</sub> (kgmm <sup>2</sup> /m)	I <sub>nn</sub> (kgmm <sup>2</sup> )	I <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm) g6/H7	D g6/H7 (mm)	A h12 (mm)	A <sub>1</sub> (mm) F only	A <sub>1</sub> (mm) P only	A <sub>2</sub> (mm)	A <sub>3</sub> (mm)	J (mm)	G	w (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)	u
64	6	6	290	990	0.77	0.77	0.02	0.53	10.3	25.1	12,847	36,498	947	24	5.4	SRS 64x6 R6 F/P	64.4	63.5	120	180	129	42	17	45	25	150	6xø17.5	1	M8x1	106	80	106°
	12	6	345	979	0.77	0.77	0.04	0.79	10.3	25.1	12,847	36,498	947	26.4	10.8	SRS 64x12 R6 F/P	64.7	63	120	180	129	42	17	45	25	150	6xø17.5	1	M8x1	106	80	106°
	18	6	379	969	0.77	0.77	0.07	1.04	10.3	25.1	12,847	36,498	947	29.4	16.7	SRS 64x18 R6 F/P	65	62.5	120	180	129	42	17	45	25	150	6xø17.5	1	M8x1	106	80	106°
	24	6	479	1118	0.77	0.77	0.07	1.36	10.3	25.1	12,847	36,498	947	31	21.1	SRS 64x24 R6 F/P	65.3	62	120	180	129	42	17	45	25	150	6xø17.5	1	M8x1	106	80	106°
	30	6	499	1170	0.77	0.77	0.07	1.63	10.3	25.1	12,847	36,498	947	32.6	25.6	SRS 64x30 R6 F/P	65.5	61.4	120	180	129	42	17	45	25	150	6xø17.5	1	M8x1	106	80	106°
	36	6	479	1094	0.77	0.77	0.07	1.99	10.3	25.1	12,847	36,498	947	34.3	30.2	SRS 64x36 R6 F/P	65.7	60.8	120	180	129	42	17	45	25	150	6xø17.5	1	M8x1	106	80	106°
68	6	6	406	1630	0.77	0.77	0.02	0.48	13.5	28.3	16,373	42,310	1,633	28.5	5.7	SRS 68x6 R6 F/P	68.4	67.5	130	172	170	62.5	17	45	25	152	6xø17.5	1	M8x1	115	85	115°
	12	6	485	1618	0.77	0.77	0.04	0.72	13.5	28.3	16,373	42,310	1,633	32.3	11.4	SRS 68x12 R6 F/P	68.7	67.1	130	172	170	62.5	17	45	25	152	6xø17.5	1	M8x1	115	85	115°
	18	6	542	1637	0.77	0.77	0.07	0.93	13.5	28.3	16,373	42,310	1,633	36.9	17.7	SRS 68x18 R6 F/P	69	66.5	130	172	170	62.5	17	45	25	152	6xø17.5	1	M8x1	115	85	115°
	24	6	672	1860	0.77	0.77	0.07	1.22	13.5	28.3	16,373	42,310	1,633	39.5	22.4	SRS 68x24 R6 F/P	69.3	66	130	172	170	62.5	17	45	25	152	6xø17.5	1	M8x1	115	85	115°
	30	6	691	1917	0.77	0.77	0.07	1.46	13.5	28.3	16,373	42,310	1,633	42.2	27.2	SRS 68x30 R6 F/P	69.5	65.4	130	172	170	62.5	17	45	25	152	6xø17.5	1	M8x1	115	85	115°
	36	6	683	1867	0.77	0.77	0.07	1.75	13.5	28.3	16,373	42,310	1,633	44.9	32	SRS 68x36 R6 F/P	69.7	64.9	130	172	170	62.5	17	45	25	152	6xø17.5	1	M8x1	115	85	115°
75	10	5	616	2045	0.8	0.79	0.04	0.74	20.8	34.5	24,229	84,685	4,062	44.2	12.6	SRS 75x10 R5 F/P	75.7	74.1	150	210	191	73	21	45	35	180	8xø17.5	1	M8x1	138	100	138°
	15	5	677	2014	0.8	0.79	0.07	0.95	20.8	34.5	24,229	84,685	4,062	50.7	19.5	SRS 75x15 R5 F/P	76	73.6	150	210	191	73	21	45	35	180	8xø17.5	1	M8x1	138	100	138°
	20	5	802	2396	0.8	0.79	0.07	1.18	20.8	34.5	24,229	84,685	4,062	54.4	24.7	SRS 75x20 R5 F/P	76.3	73.1	150	210	191	73	21	45	35	180	8xø17.5	1	M8x1	138	100	138°
	25	5	803	2359	0.8	0.79	0.07	1.4	20.8	34.5	24,229	84,685	4,062	58.1	29.9	SRS 75x25 R5 F/P	76.6	72.5	150	210	191	73	21	45	35	180	8xø17.5	1	M8x1	138	100	138°
	30	5	810	2364	0.79	0.79	0.07	1.62	20.8	34.5	24,229	84,685	4,062	61.8	35.1	SRS 75x30 R5 F/P	76.9	72	150	210	191	73	21	45	35	180	8xø17.5	1	M8x1	138	100	138°
80	12	6	488	1537	0.77	0.77	0.04	0.96	15.8	39.2	31,366	73,419	2,778	36.3	13.4	SRS 80x12 R6 F/P	80.7	79.1	150	210	158	55.5	19	45	35	180	8xø17.5	1	M8x1	130	100	130°
	18	6	538	1524	0.77	0.77	0.07	1.24	15.8	39.2	31,366	73,419	2,778	41	20.8	SRS 80x18 R6 F/P	81	78.6	150	210	158	55.5	19	45	35	180	8xø17.5	1	M8x1	130	100	130°
	24	6	655	1762	0.77	0.77	0.07	1.58	15.8	39.2	31,366	73,419	2,778	43.5	26.3	SRS 80x24 R6 F/P	81.3	78	150	210	158	55.5	19	45	35	180	8xø17.5	1	M8x1	130	100	130°
	30	6	657	1747	0.77	0.77	0.07	1.9	15.8	39.2	31,366	73,419	2,778	46.2	31.9	SRS 80x30 R6 F/P	81.6	77.5	150	210	158	55.5	19	45	35	180	8xø17.5	1	M8x1	130	100	130°
87	36	6	658	1732	0.77	0.77	0.07	2.24	15.8	39.2	31,366	73,419	2,778	48.8	37.5	SRS 80x36 R6 F/P	81.8	76.9	150	210	158	55.5	19	45	35	180	8xø17.5	1	M8x1	130	100	130°
	10	5	735	2538	0.8	0.79	0.04	0.88	29.9	46.4	43,870	150,239	8,363	60.1	14.6	SRS 87x10 R5 F/P	87.7	86.1	175	235	215	85	23	45	40	200	8xø17.5	1	M8x1	162	116	162°
	15	5	792	2523	0.8	0.79	0.07	1.12	29.9	46.4	43,870	150,239	8,363	68.3	22.6	SRS 87x15 R5 F/P	88	85.6	175	235	215	85	23	45	40	200	8xø17.5	1	M8x1	162	116	162°
	20	5	922	2925	0.8	0.79	0.07	1.38	29.9	46.4	43,870	150,239	8,363	72.7	28.6	SRS 87x20 R5 F/P	88.4	85.1	175	235	215	85	23	45	40	200	8xø17.5	1	M8x1	162	116	162°
	25	5	938	2955	0.8	0.79	0.07	1.61	29.9	46.4	43,870	150,239	8,363	77.3	34.6	SRS 87x25 R5 F/P	88.6	84.6	175	235	215	85	23	45	40	200	8xø17.5	1	M8x1	162	116	162°
30	5	932	2890	0.8	0.79	0.07	1.87	29.9	46.4	43,870	150,239	8,363	81.9	40.6	SRS 87x30 R5 F/P	88.9	84	175	235	215	85	23	45	40	200	8xø17.5	1	M8x1	162	116	162°	



# Standard Roller Screws with Flanged Nut

ø92 – ø120 mm



d <sub>0</sub> (mm)	P <sub>h</sub> (mm)	N (mm)	C <sub>a</sub> (kN)	C <sub>0a</sub> (kN)	η	η'	S <sub>0</sub>	T <sub>0</sub> (Nm)	m <sup>n</sup> (kg)	m <sub>s</sub> (kg/m)	I <sub>s</sub> (kgmm <sup>2</sup> /m)	I <sub>nn</sub> (kgmm <sup>2</sup> )	I <sub>ns</sub>	Z <sub>n</sub> (mL)	Z <sub>s</sub> (mL/m)	Part Number	d <sub>1</sub> (mm)	d <sub>2</sub> (mm)	D (mm) g6/H7	D g6/H7 (mm)	A h12 (mm)	A <sub>1</sub> (mm) F only	A <sub>1</sub> (mm) P only	A <sub>2</sub> (mm)	A <sub>3</sub> (mm)	J (mm)	G	w (mm)	Q (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)	u
92	12	6	621	2108	0.77	0.77	0.04	1.19	20.1	51.9	54,859	95,265	6,004	48.1	15.4	SRS 92x12 R6 F/P	92.7	91.1	160	220	179	67	21	45	40	190	8xø17.5	1	M8x1	150	115	150°
	18	6	690	2113	0.77	0.77	0.07	1.52	20.1	51.9	54,859	95,265	6,004	54.4	23.9	SRS 92x18 R6 F/P	93	90.6	160	220	179	67	21	45	40	190	8xø17.5	1	M8x1	150	115	150°
	24	6	823	2472	0.77	0.77	0.07	1.9	20.1	51.9	54,859	95,265	6,004	57.8	30.2	SRS 92x24 R6 F/P	93.3	90.1	160	220	179	67	21	45	40	190	8xø17.5	1	M8x1	150	115	150°
	30	6	822	2428	0.77	0.77	0.07	2.28	20.1	51.9	54,859	95,265	6,004	61.3	36.6	SRS 92x30 R6 F/P	93.6	89.5	160	220	179	67	21	45	40	190	8xø17.5	1	M8x1	150	115	150°
	36	6	840	2484	0.77	0.77	0.07	2.62	20.1	51.9	54,859	95,265	6,004	64.9	43	SRS 92x36 R6 F/P	93.9	89	160	220	179	67	21	45	40	190	8xø17.5	1	M8x1	150	115	150°
99	15	5	1059	3928	0.8	0.79	0.07	1.17	50.6	60	73,559	343,650	17,722	93.7	25.7	SRS 99x15 R5 F/P	100.1	97.6	200	275	271	102.5	26	55	40	245	12xø17.5	1.5	M8x1	182	132	182°
	20	5	1239	4589	0.8	0.79	0.07	1.42	50.6	60	73,559	343,650	17,722	100.5	32.5	SRS 99x20 R5 F/P	100.4	97.1	200	275	271	102.5	26	55	40	245	12xø17.5	1.5	M8x1	182	132	182°
	25	5	1251	4568	0.8	0.79	0.07	1.66	50.6	60	73,559	343,650	17,722	107.3	39.3	SRS 99x25 R5 F/P	100.7	96.6	200	275	271	102.5	26	55	40	245	12xø17.5	1.5	M8x1	182	132	182°
	30	5	1268	4602	0.8	0.79	0.07	1.89	50.6	60	73,559	343,650	17,722	114.2	46.2	SRS 99x30 R5 F/P	101	96.1	200	275	271	102.5	26	55	40	245	12xø17.5	1.5	M8x1	182	132	182°
120	35	5	1283	4636	0.8	0.79	0.07	2.13	50.6	60	73,559	343,650	17,722	121.2	53	SRS 99x35 R5 F/P	101.2	95.5	200	275	271	102.5	26	55	40	245	12xø17.5	1.5	M8x1	182	132	182°
	18	6	1173	4572	0.77	0.77	0.07	1.75	55.7	88.2	158,789	472,562	26,318	99.9	31.2	SRS 120x18 R6 F/P	121	118.6	220	300	260	105	26	50	40	240	12xø17.5	1.5	M10x1.5	200	150	200°
	24	6	1356	5242	0.77	0.77	0.07	4.77	55.7	88.2	158,789	472,562	26,318	107.2	39.4	SRS 120x24 R6 F/P	121.4	118.1	220	300	260	105	26	50	40	240	12xø17.5	1.5	M10x1.5	200	150	200°
	30	6	1379	5283	0.77	0.77	0.07	2.52	55.7	88.2	158,789	472,562	26,318	114.6	47.7	SRS 120x30 R6 F/P	121.7	117.6	220	300	260	105	26	50	40	240	12xø17.5	1.5	M10x1.5	200	150	200°
	36	6	1387	5257	0.77	0.77	0.07	2.89	55.7	88.2	158,789	472,562	26,318	122	55.9	SRS 120x36 R6 F/P	121.9	117	220	300	260	105	26	50	40	240	12xø17.5	1.5	M10x1.5	200	150	200°
120	15	5	1260	5057	0.8	0.79	0.07	1.47	81.2	88.2	158,789	816,800	42,375	128.7	31.2	SRS 120x15 R5 F/P	121.1	118.6	260	340	300	112.5	27	55	60	305	12xø17.5	1.5	M10x1.5	220	160	220°
	20	5	1470	5875	0.8	0.79	0.07	1.77	81.2	88.2	158,789	816,800	42,375	137.7	39.4	SRS 120x20 R5 F/P	121.4	118.1	260	340	300	112.5	27	55	60	305	12xø17.5	1.5	M10x1.5	220	160	220°
	25	5	1484	5850	0.8	0.79	0.07	2.05	81.2	88.2	158,789	816,800	42,375	146.8	47.6	SRS 120x25 R5 F/P	121.7	117.6	260	340	300	112.5	27	55	60	305	12xø17.5	1.5	M10x1.5	220	160	220°
	30	5	1495	5826	0.8	0.79	0.07	2.32	81.2	88.2	158,789	816,800	42,375	156	55.9	SRS 120x30 R5 F/P	122	117.1	260	340	300	112.5	27	55	60	305	12xø17.5	1.5	M10x1.5	220	160	220°
35	5	1529	5966	0.8	0.79	0.07	2.58	81.2	88.2	158,789	816,800	42,375	165.3	64.1	SRS 120x35 R5 F/P	122.3	116.6	260	340	300	112.5	27	55	60	305	12xø17.5	1.5	M10x1.5	220	160	220°	



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