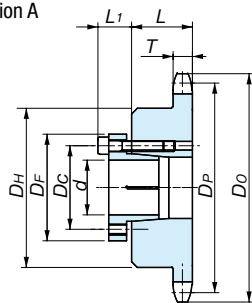
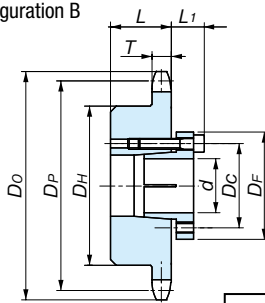


Double Pitch S Type Lock Sprockets (for R Rollers)

Configuration A



Configuration B



◆ S Type Lock Sleeve Dimensions

Sleeve Model No.	D _F	D _C	L ₁	Bolt Size (M×S)	Tightening Torque (N·m)
S1	32.0	24.0	12.0	M4×16	4.2
S2	42.0	32.0	14.0	M5×18	8.3
S3	48.0	38.5	15.5	M5×20	8.3
S4	56.0	46.0	15.5	M5×20	8.3
S5	66.0	56.0	17.5	M5×22	8.3
S6	80.0	68.0	21.0	M6×25	16.8
S7	101.0	86.0	24.5	M8×30	40.5

See page 14 for more information and notes on use.

Model Numbering Example

RF2040R -1B 1000T -S2 5 18 A

Size/Roller type

No. of strands/Hub type

No. of effective teeth: 10T=1000T

Sleeve model no.

Configuration A or B

Shaft bore dia.

No. of mounting bolts

Ordering Example

Chain no.: RF2040R

No. of effective teeth: 10

Shaft bore: 15 mm

Configuration: A

Model Number

RF2040R-1B1000T-S2515A

◆ Double Pitch R Roller Shaft Bore Dimensions and Sleeve Models

RF2040R						Shaft Bore Dia. d	15	16	17	18	19	20	22	24	25	28	30	32	35		
No. of Effective Teeth	Tooth Width T	PCD D _p	Outer Dia. D _o	Hub Dia. D _H	Hub Length L	Max. Allowable Torque (N·m)	174	186	198	209	221	232	256	167	174	195					
10	7.3	82.20	93	52	25	Applicable Sleeve Model No./Dimensions	S2(5) D _F =42.0 D _C =32.0 L ₁ =14.0							S3(3) D _F =48.5 D _C =38.5 L ₁ =15.5		S4(4) D _F =56.0 D _C =46.0 L ₁ =15.5					
11	7.3	90.16	102	63	25																
12	7.3	98.14	110	63	25																
13	7.3	106.14	118	63	25																
14	7.3	114.15	127	63	25																
15	7.3	122.17	135	68	28																
16	7.3	130.20	143	68	28																
RF2050R						Shaft Bore Dia. d	17	18	19	20	22	24	25	28	30	32	35	38	40	42	45
No. of Effective Teeth	Tooth Width T	PCD D _p	Outer Dia. D _o	Hub Dia. D _H	Hub Length L	Max. Allowable Torque (N·m)	237	251	265	279	307	446	465	521	558	595	651	442	465	488	523
10	8.9	102.75	117	73	28	Applicable Sleeve Model No./Dimensions	S2(6) D _F =42.0 D _C =32.0 L ₁ =14.0					S4(8) D _F =56.0 D _C =46.0 L ₁ =15.5					S5(5) D _F =66.0 D _C =56.0 L ₁ =17.5				
11	8.9	112.70	127	73	28																
12	8.9	122.67	138	73	28																
13	8.9	132.67	148	73	28																
14	8.9	142.68	158	73	28																
15	8.9	152.71	168	73	28																
16	8.9	162.75	179	73	28																
RF2060R						Shaft Bore Dia. d	24	25	28	30	32	35	38	40	42	45	48	50	55		
No. of Effective Teeth	Tooth Width T	PCD D _p	Outer Dia. D _o	Hub Dia. D _H	Hub Length L	Max. Allowable Torque (N·m)	446	465	521	558	595	651	883	930	976	1046	1116	1162	1279		
10	11.9	123.29	140	83	45	Applicable Sleeve Model No./Dimensions	S4(8) D _F =56.0 D _C =46.0 L ₁ =15.5						S5(10) D _F =66.0 D _C =56.0 L ₁ =17.5				S6(6) D _F =80.0 D _C =68.0 L ₁ =21.0				
11	11.9	135.23	153	83	45																
12	11.9	147.21	165	83	45																
13	11.9	159.20	177	83	45																
14	11.9	171.22	190	83	45																
15	11.9	183.25	202	83	45																
16	11.9	195.29	214	83	45																
RF2080R						Shaft Bore Dia. d	38	40	42	45	48	50	55	60	65	70					
No. of Effective Teeth	Tooth Width T	PCD D _p	Outer Dia. D _o	Hub Dia. D _H	Hub Length L	Max. Allowable Torque (N·m)	883	930	976	1046	1116	1162	1279	2140	2319	2497					
10	15	164.39	187	107	45	Applicable Sleeve Model No./Dimensions	S5(10) D _F =66.0 D _C =56.0 L ₁ =17.5					S6(6) D _F =80.0 D _C =68.0 L ₁ =21.0			S7(5) D _F =101.0 D _C =86.0 L ₁ =24.5						
11	15	180.31	203	107	45																
12	15	196.28	220	107	45																
13	15	212.27	237	107	45																
14	15	228.29	253	107	45																
15	15	244.33	269	107	45																
16	15	260.39	286	107	45																
RF2100R						Shaft Bore Dia. d	48	50	55	60	65	70									
No. of Effective Teeth	Tooth Width T	PCD D _p	Outer Dia. D _o	Hub Dia. D _H	Hub Length L	Max. Allowable Torque (N·m)	2232	2325	2557	2140	2319	2497									
11	18	225.39	254	117	56	Applicable Sleeve Model No./Dimensions	S6(12) D _F =80.0 D _C =68.0 L ₁ =21.0					S7(5) D _F =101.0 D _C =86.0 L ₁ =24.5									

Note: 1. Figures inside () are the number of mounting bolts.

2. From the sleeve model number in the table above, see the bolt size and tightening torque of the corresponding sleeve model in the upper right table on this page.