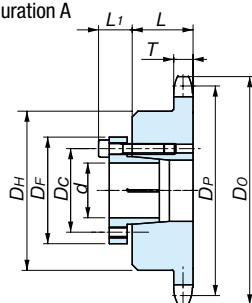


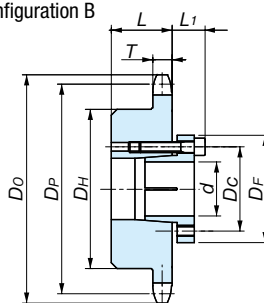
Double Pitch Sprockets

Double Pitch S Type Lock Sprockets (for S 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	48.5	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

RF2040S -1B 912T -S2 5 18 A

Size/Roller type

No. of strands/Hub type
No. of effective teeth: 912T=9½T
(10T is written as "1000T")

Configuration A or B
Shaft bore dia.
No. of mounting bolts
Sleeve model no.

Ordering Example

Chain no.: RF2040S
No. of effective teeth: 9 1/2 Configuration: A
Shaft bore: 15 mm

Model Number
RF2040S-1B912T-S2515A

◆ Double Pitch S Roller Shaft Bore Dimensions and Sleeve Models

RF2040S						Shaft Bore Dia. d	15	16	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)	174	186	198	209	221	232	256								442	465	488	523
9 ½	7.3	78.23	84	60	25	Applicable Sleeve Model No. / Dimensions	S2(5) D _F =42.0 D _C =32.0 L ₁ =14.0							S4(4) 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			
10 ½	7.3	86.17	92	69	25																			
11 ½	7.3	94.14	100	77	25																			
12	7.3	98.14	104	63	25																			
12 ½	7.3	102.14	108	63	25									223	232	260	279	298	325					

RF2050S						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	335	349	391	418	446	488	442	465	488	523	
9 ½	8.9	97.78	105	73	28	Applicable Sleeve Model No. / Dimensions	S2(6) D _F =42.0 D _C =32.0 L ₁ =14.0					S4(6) 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				
10 ½	8.9	107.72	115	73	28																	
11 ½	8.9	117.68	125	73	28																	
12	8.9	122.67	130	73	28																	
12 ½	8.9	127.67	135	73	28																	

RF2060S						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		
9 ½	11.9	117.34	126	83	40	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				
10 ½	11.9	129.26	138	83	40																
11 ½	11.9	141.22	150	83	45																
12	11.9	147.21	156	83	45																
12 ½	11.9	153.20	162	83	45																

RF2080S						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				
9 ½	15	156.45	167	93	40	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					
10 ½	15	172.35	184	93	40															
11 ½	15	188.29	200	107	45															
12	15	196.28	208	107	45															
12 ½	15	204.27	216	107	45															

RF2100S						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
9 ½	18	195.57	209	107	50	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.