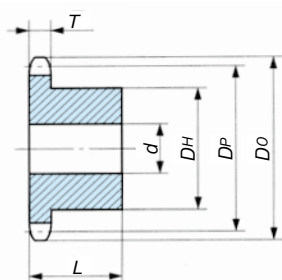


Double Pitch Sprockets

Double Pitch Sprockets (for S Rollers): Steel, Stainless Steel, Engineering Plastic

These are sprockets for Double Pitch chains.



Model Numbering Example

RF2040S -1B 912T -SS

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

Series
[Blank]: Steel
Q : Hardened teeth
SS : Stainless steel
SST : Wear-resistant stainless steel
P : Engineering plastic

Usage Conditions of Engineering Plastic Sprockets

- Operating temperature range: -10°C to 60°C
- Allowable chain speed: 70 m/min or less (under non-lubricated conditions)
Can be used up to 150 m/min under oil-lubricated conditions or when pre-lubed.
- Refer to page 157 "Corrosion Resistance Guide for Corrosion Resistant Chains and Sprockets" for the foods and chemicals that can be conveyed.

Standard Sprocket	Corrosion Resistant Sprocket		No. of Effective Teeth	No. of Actual Teeth	Pitch Circle Dia. D_p	Outer Dia. D_o	Tooth Width T	Bore Dia. d		Hub			Approx. Mass (kg)		
Steel	Stainless Steel	Engineering Plastic						Pilot Bore	Max.	Dia. D_H		Length L	Steel/ Stainless Steel		Engineering Plastic
Model No.	Model No.	Model No.								Steel/ Stainless Steel	Engineering Plastic				
RF2040S-1B912T	RF2040S-1B912T-SS	RF2040S-1B912T-P	9 ½	19	78.23	84	7.3	12.7	38	60	60	25	0.6	0.09	
RF2040S-1B1012T	RF2040S-1B1012T-SS	RF2040S-1B1012T-P	10 ½	21	86.17	92	7.3	12.7	46	69	69	25	0.8	0.12	
RF2040S-1B1112T	RF2040S-1B1112T-SS	RF2040S-1B1112T-P	11 ½	23	94.14	100	7.3	12.7	50	77	77	25	1.0	0.15	
RF2040S-1B1200T	RF2040S-1B1200T-SS		12	24	98.14	104	7.3	12.7	42	63		25	0.8		
RF2040S-1B1212T	RF2040S-1B1212T-SS	RF2040S-1B1212T-P	12 ½	25	102.14	108	7.3	12.7	42	63	80	25	0.8	0.16	
RF2050S-1B912T	RF2050S-1B912T-SS	RF2050S-1B912T-P	9 ½	19	97.78	105	8.9	15.9	48	73	75	28	1.1	0.16	
RF2050S-1B1012T	RF2050S-1B1012T-SS	RF2050S-1B1012T-P	10 ½	21	107.72	115	8.9	15.9	48	73	85	28	1.2	0.21	
RF2050S-1B1112T	RF2050S-1B1112T-SS	RF2050S-1B1112T-P	11 ½	23	117.68	125	8.9	15.9	48	73	90	28	1.3	0.24	
RF2050S-1B1200T	RF2050S-1B1200T-SS		12	24	122.67	130	8.9	15.9	48	73		28	1.3		
RF2050S-1B1212T	RF2050S-1B1212T-SS	RF2050S-1B1212T-P	12 ½	25	127.67	135	8.9	15.9	48	73	100	28	1.4	0.29	
RF2060S-1B912T	RF2060S-1B912T-SS	RF2060S-1B912T-P	9 ½	19	117.34	126	11.9	15.9	55	83	85	40	2.0	0.31	
RF2060S-1B1012T	RF2060S-1B1012T-SS	RF2060S-1B1012T-P	10 ½	21	129.26	138	11.9	15.9	55	83	95	40	2.3	0.39	
RF2060S-1B1112T	RF2060S-1B1112T-SS	RF2060S-1B1112T-P	11 ½	23	141.22	150	11.9	18	55	83	100	45	2.7	0.49	
RF2060S-1B1200T	RF2060S-1B1200T-SS		12	24	147.21	156	11.9	18	55	83		45	2.8		
RF2060S-1B1212T	RF2060S-1B1212T-SS	RF2060S-1B1212T-P	12 ½	25	153.20	162	11.9	18	55	83	120	45	2.9	0.66	
RF2080S-1B912T	RF2080S-1B912T-SS		9 ½	19	156.45	167	15	23	63	93		40	3.3		
RF2080S-1B1012T	RF2080S-1B1012T-SS		10 ½	21	172.35	184	15	23	63	93		40	3.7		
RF2080S-1B1112T	RF2080S-1B1112T-SS		11 ½	23	188.29	200	15	28	75	107		45	4.9		
RF2080S-1B1200T	RF2080S-1B1200T-SS		12	24	196.28	208	15	28	75	107		45	5.2		
RF2080S-1B1212T	RF2080S-1B1212T-SS		12 ½	25	204.27	216	15	28	75	107		45	5.5		
RF2100S-1B912T	RF2100S-1B912T-SS		9 ½	19	195.57	209	18	28	75	107		50	5.9		
RF2120S-1B912T	RF2120S-1B912T-SS		9 ½	19	234.68	251	24	33	80	117		63	10.5		
RF2160S-1B912T	RF2160S-1B912T-SS		9 ½	19	312.90	335	30	33	103	147		71	22.0		

Note: 1. Models in shaded areas are made-to-order. All other models are stocked.

2. Material: Standard sprockets are machine structural carbon steel. Teeth are unhardened on all models.

Corrosion resistant sprockets are stainless steel.

Engineering plastic corrosion resistant sprockets are special-grade MC901 nylon.