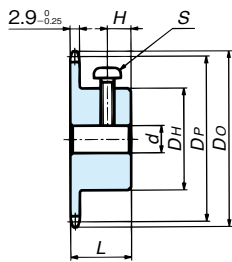


Sprockets for RS Attachment Chain

RS Sprockets RS25 / BF25-H



Model Numbering Example

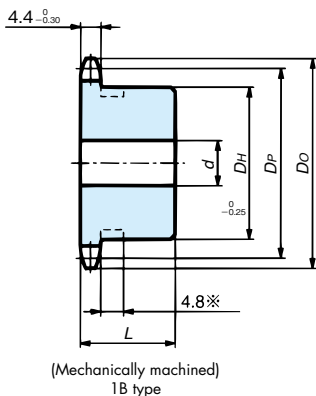
RS25 -1B 10T - 6

Size _____
 No. of strands/Hub type _____
 No. of teeth _____
 Bore dia. *d* _____

Note: 1. Bores are finished and fitted with a screw.
 2. All models stocked.

No. of Teeth	Pitch Circle Dia. D_P	(Outer Dia.) (D_O)	Bore Dia. d (H8)	Hub		Cross-recessed Head Machine Screw		Approx. Mass g	Material
				Dia. D_H	Length L	Position H	S		
10	20.55	23.5	6· 8	13	14	4	M3X6	13	Sintered alloy
11	22.54	25.5	6· 8	15	14	4	M3X8	16	
12	24.53	27.5	8·10	17	14	4	M4X8	20	
13	26.53	29.5	8·10	18	14	4	M4X8	23	
14	28.54	31.5	8·10	19	14	4	M4X8	26	
15	30.54	33.5	8·10	20	14	4	M4X10	31	
16	32.55	35.5	8·10	21	16	5	M4X10	38	
17	34.56	37.5	8·10	23	16	5	M4X10	45	
18	36.57	39.5	8·10	25	16	5	M4X12	52	
19	38.58	41.5	8·10	26	16	5	M4X12	60	
20	40.59	43.5	8·10	28	16	5	M4X14	68	Machine-structural carbon steel
21	42.61	45.5	8·10	30	18	7	M4X14	80	
22	44.62	48.0	8·10	30	18	7	M4X14	84	
23	46.63	50.0	8·10	30	18	7	M4X14	88	
24	48.65	52.0	8·10	30	18	7	M4X14	93	
25	50.66	54.0	8·10	30	18	7	M4X14	98	
26	52.68	56.0	10·12	30	18	7	M4X14	98	
28	56.71	60.0	10·12	30	18	7	M4X14	103	
30	60.75	64.0	10·12	30	18	7	M4X14	110	
32	64.78	68.0	10·12	30	18	7	M4X14	117	

RS Sprockets RS35



Model Numbering Example

RS35 -1B 50T Q

Size _____
 No. of strands/Hub type _____
 No. of teeth _____
 Teeth hardening
Q: Hardened
 [Blank]: Unhardened

Note: 1. Maximum bore diameters shown are standard figures. Determine bore diameter and key bearing pressure based on general mechanical design.
 2. Models marked with a * have a groove around the periphery of the hub. Groove outer diameter is 16 for 9T, 18 for 10T, 22 for 11T, 24 for 12T, and 28 for 13T.
 3. Models in shaded areas have hardened teeth.
 4. Sprockets with 42 or more teeth do not have hardened teeth, but they can be manufactured with hardened teeth.
 5. All models stocked.

No. of Teeth	Pitch Circle Dia. D_P	(Outer Dia.) (D_O)	1B Type				Approx. Mass kg	Material
			Bore Dia. d		Hub			
			Pilot Bore	Max.	Dia. D_H	Length L		
9	27.85	32	8	11	22	20	0.05	※
10	30.82	35	8	12	25	20	0.07	※
11	33.81	38	8	14	27	20	0.08	※
12	36.80	41	8	16.5	31	20	0.11	※
13	39.80	44	9.5	18	32	20	0.12	※
14	42.80	47	9.5	16.5	30	20	0.12	Mechanically machined; machine-structural carbon steel
15	45.81	51	9.5	19	35	20	0.16	
16	48.82	54	9.5	20	37	20	0.18	
17	51.84	57	9.5	24	41	20	0.22	
18	54.85	60	9.5	24.5	44	20	0.25	
19	57.87	63	9.5	28.5	47	20	0.29	
20	60.89	66	9.5	30	50	20	0.32	
21	63.91	69	9.5	32	53	20	0.36	
22	66.93	72	9.5	32	53	20	0.37	
23	69.95	75	9.5	32	53	20	0.38	
24	72.97	78	9.5	32	53	22	0.43	
25	76.00	81	12.7	32	53	22	0.43	
26	79.02	84	12.7	32	53	22	0.44	
27	82.05	87	12.7	32	53	22	0.45	
28	85.07	90	12.7	32	53	22	0.47	
30	91.12	96	12.7	32	53	22	0.5	
32	97.18	102	12.7	32	53	22	0.53	
34	103.23	109	12.7	32	53	22	0.56	
35	106.26	112	12.7	32	53	22	0.58	
36	109.29	115	12.7	32	53	22	0.59	
38	115.34	121	13	42	63	25	0.82	
40	121.40	127	13	42	63	25	0.86	
42	127.46	133	13	42	63	25	0.90	
45	136.55	142	13	42	63	25	0.96	
48	145.64	151	13	42	63	25	1.0	
50	151.69	157	13	42	63	25	1.1	
54	163.82	169	13	42	63	25	1.2	
60	182.00	187	13	42	63	25	1.4	
65	197.15	203	16	45	68	25	1.6	
70	212.30	218	16	45	68	25	1.7	
75	227.46	233	16	45	68	25	1.9	

Overview

General Use/
Corrosion Resistant

Lube Free

Special

Special Attachment

High Precision

Free Flow

Sprockets

Engineering Manual