



Mechanically machined
(1B type)

Sprocket Number

RS35 -1B 15T

Number of teeth

Type

Chain number

Number of Teeth	Pitch Circular Diameter (D_P)	Sprocket Outer Diameter (D_O)	1B type					Material	Number of Teeth
			Bore Diameter (d)		Hub		Approx. Mass (kg)		
			Pilot Bore Diameter	Maximum	Diameter (D_H)	Length (L)			
9	27.85	32	8	11	22	20	0.06	Mechanically machined: machine-structural carbon steel	9
10	30.82	34	8	12	25	20	0.08		10
11	33.81	38	8	14	27	20	0.09		11
12	36.80	40	8	16.5	31	20	0.12		12
13	39.80	44	9.5	18	32	20	0.12		13
14	42.80	46	9.5	16.5	30	20	0.12		14
15	45.81	51	9.5	19	35	20	0.16		15
16	48.82	53	9.5	20	37	20	0.19		16
17	51.84	57	9.5	24	41	20	0.22		17
18	54.85	60	12.7	24.5	44	20	0.25		18
19	57.87	63	12.7	28.5	47	20	0.28		19
20	60.89	66	12.7	30	50	20	0.32		20
21	63.91	69	12.7	32	53	20	0.36		21
22	66.93	72	12.7	32	53	20	0.37		22
23	69.95	75	12.7	32	53	20	0.40		23
24	72.97	78	12.7	32	53	22	0.43		24
25	76.00	81	12.7	32	53	22	0.44		25
26	79.02	83	12.7	32	53	22	0.45		26
27	82.05	87	12.7	32	53	22	0.46		27
28	85.07	90	12.7	32	53	22	0.48		28
30	91.12	96	12.7	32	53	22	0.51		30
32	97.18	102	12.7	32	53	22	0.54		32
34	103.23	109	12.7	32	53	22	0.57		34
35	106.26	112	12.7	32	53	22	0.59		35
36	109.29	115	12.7	32	53	22	0.61		36
38	115.34	121	13	42	63	25	0.82		38
40	121.40	127	13	42	63	25	0.85		40
42	127.46	133	13	42	63	25	0.91		42
45	136.55	142	13	42	63	25	0.95		45
48	145.64	151	13	42	63	25	1.0		48
50	151.69	157	13	42	63	25	1.1		50
54	163.82	169	13	42	63	25	1.2		54
60	182.00	187	13	42	63	25	1.3		60
65	197.15	203	16	45	68	25	1.5		65
70	212.30	218	16	45	68	25	1.7		70
75	227.46	233	16	45	68	25	1.8		75



Example of grooved sprocket

- Note: 1. Maximum bore diameter is the typical range. Determine bore diameter and key bearing pressure based on general mechanical design.
 2. Models in shaded areas have hardened teeth.
 3. Sprockets marked with an * have an outer groove around the hub. Groove outer diameter is 16 for 9T, 22 for 10T, 24 for 12T and 28 for 13T.
 4. Sprockets with 42 or more teeth do not have hardened teeth, but the Strong Series of sprocket with hardened teeth can be made-to-order.