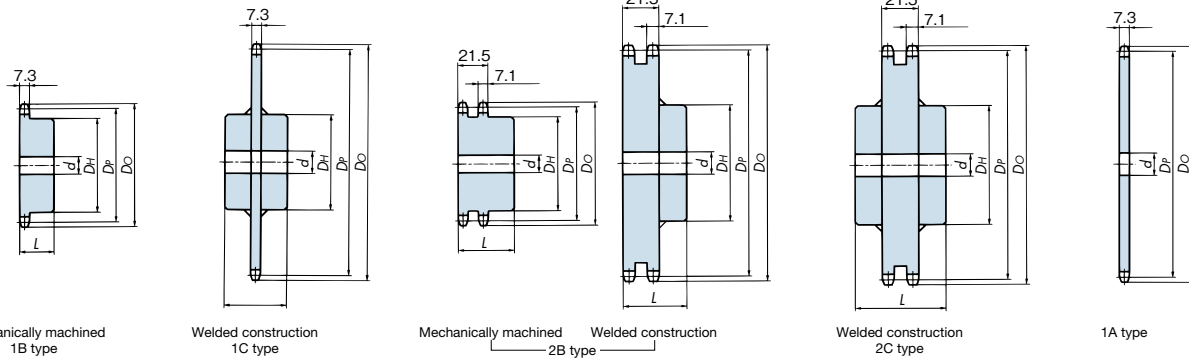




Number of teeth	Pitch circle dia. D_p	Outer dia. (D_o)	1B type					Material	1C type					Material	2B type					Material	2C type					Material	1A type		Number of teeth
			Bore dia. d	Max.	Hub Dia. D_H	Length L	Approx. mass kg		Bore dia. d	Max.	Hub Dia. D_H	Length L	Approx. mass kg		Bore dia. d	Max.	Hub Dia. D_H	Length L	Approx. mass kg		Bore dia. d	Max.	Hub Dia. D_H	Length L	Approx. mass kg		Pilot bore dia. d_p	Approx. mass kg	
9	37.13	43	9.5	15	28	22	0.10	*																					9
10	41.10	47	9.5	16.5	32	22	0.13	*																					10
11	45.08	51	9.5	20	37	22	0.17	*																					11
12	49.07	55	9.5	22	40	22	0.21	*																					12
13	53.07	59	9.5	20	37	22	0.22																						13
14	57.07	63	9.5	24	42	22	0.28																						14
15	61.08	67	9.5	28.5	46	22	0.33																						15
16	65.10	71	12.7	30	50	22	0.37																						16
17	69.12	76	12.7	32	54	22	0.44																						17
18	73.14	80	12.7	35	57	22	0.49																						18
19	77.16	84	12.7	39.5	62	22	0.57																						19
20	81.18	88	12.7	45.5	67	25	0.73																						20
21	85.21	92	12.7	45.5	71	25	0.82																						21
22	89.24	96	12.7	50	75	25	0.91																						22
23	93.27	100	12.7	50	77	25	0.98																						23
24	97.30	104	12.7	42	63	25	0.80																						24
25	101.33	108	12.7	42	63	25	0.83																						25
26	105.36	112	12.7	42	63	25	0.87																						26
27	109.40	116	12.7	42	63	25	0.91																						27
28	113.43	120	12.7	42	63	25	0.95																						28
30	121.50	128	12.7	42	63	25	1.0		16	48	73	45	1.7		12.7	73	106	40	3.0		16	63	93	70	4.9		16	0.62	30
32	129.57	137	16	45	68	28	1.3		16	48	73	45	1.9		12.7	78	115	50	4.2		16	63	93	70	5.1		16	0.71	32
34	137.64	145	16	45	68	28	1.4		16	48	73	45	2.0		12.7	84	124	50	4.9		16	63	93	70	5.4		16	0.80	34
35	141.68	149	16	45	68	28	1.4		16	48	73	45	2.1		16	63	93	50	3.9		16	63	93	70	5.4		16	0.85	35
36	145.72	153	16	45	68	28	1.5		16	48	73	45	2.1		16	63	93	50	4.0		16	63	93	70	5.4		16	0.90	36
38	153.79	161	16	45	68	28	1.6		16	48	73	45	2.2		16	63	93	50	4.3		16	63	93	70	5.4		16	1.0	38
40	161.87	169	16	45	68	28	1.7		16	48	73	45	2.3		16	63	93	50	4.6		16	63	93	70	5.7		16	1.1	40
42	169.94	177	18	48	73	32	2.0		18	48	73	45	2.4		16	63	93	50	5.0		16	63	93	70	6.0		18	1.2	42
45	182.06	189	18	48	73	32	2.2		18	48	73	45	2.6		18	63	93	50	5.5		18	63	93	70	6.5		18	1.4	45
48	194.18	201	18	48	73	32	2.4		18	48	73	45	2.8		18	63	93	50	6.0		18	63	93	70	7.1		18	1.6	48
50	202.26	209	18	48	73	32	2.5		18	48	73	45	3.0		18	63	93	50	6.5		18	63	93	70	7.5		18	1.8	50
54	218.42	226	18	48	73	32	2.8		18	48	73	45	3.3		18	63	93	50	7.3		18	63	93	70	8.4		18	2.1	54
60	242.66	250	18	48	73	32	3.3		18	48	73	45	3.8		18	63	93	50	8.8		18	63	93	70	9.8		18	2.6	60
65	262.87	270	23	55	83	32	4.0		23	55	83	50	4.7														23	3.0	65
70	283.07	290	23	55	83	32	4.5		23	55	83	50	5.2														23	3.5	70
75	303.28	311	23	55	83	32	5.0		23	55	83	50	5.7														23	4.0	75

Note: 1. Maximum bore diameters shown are standard figures. Determine bore diameter and key bearing pressure based on general mechanical design.

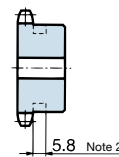
2. Models marked with an * above have a groove around the periphery of the hub (shown in the diagram on the right). Groove outer diameter is 21 for 9T, 25 for 10T, 30 for 11T, and 32 for 12T.

3. Weld construction: carbon steel for machine structural use.

4. Models in shaded areas have hardened teeth.

5. Models with unhardened teeth as standard can be manufactured with hardened teeth (quick delivery).

6. Models with dimensions in thin font are made-to-order. All other items are stocked.



Model numbering example

RS40 -2 B 50T

Size
Number of strands
Number of teeth
Hub type

Hardened teeth model numbering example

RS40 -2 B 15T Q

Size
Number of strands
Number of teeth
Hub type
Hardened teeth