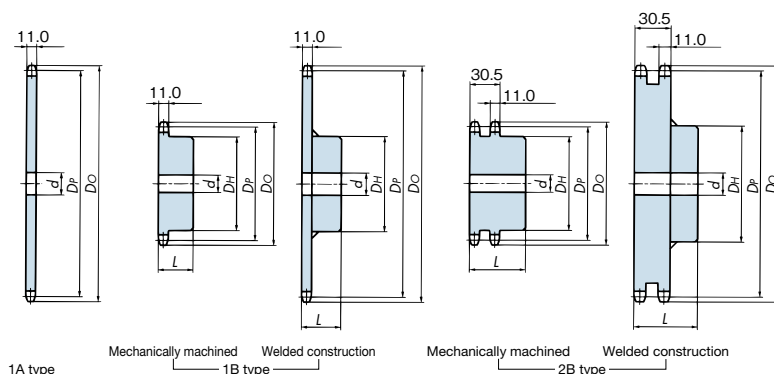
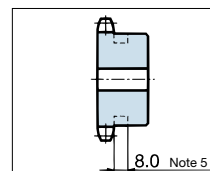
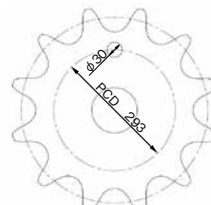




Number of teeth	Note 4 Outer dia. D_o	Pitch circle dia. D_p	1A type		Construction/ material	1B type					Construction/ material	2B type					Construction/ material	Number of teeth
			Pilot bore d	Approx. mass kg		Bore dia. d		Hub		Approx. mass kg		Bore dia. d		Hub		Approx. mass kg		
						Pilot bore	Max.	Dia. D_H	Length L			Pilot bore	Max.	Dia. D_H	Length L			
9	63	55.70				9.53	24.5	43	32	0.40	*							9
10	69	61.65				12.7	30	49	32	0.49	*							10
11	75	67.62				12.7	32	51	32	0.60	*							11
12	81	73.60	18	0.37		12.7	32	51	32	0.69	Note 5	12.7	32	51	50	1.1		12
13	87	79.60	18	0.42		15.88	35	57	32	0.81		15.88	35	57	50	1.3		13
14	93	85.61	18	0.48		15.88	39.5	62	32	1.0		15.88	39.5	62	56	1.7		14
15	99	91.63	18	0.56		15.88	45.5	68	32	1.1		15.88	45.5	68	56	2.0		15
16	105	97.65	18	0.64		15.88	47.5	73	32	1.3		15.88	50	76	56	2.4		16
17	111	103.67	18	0.72		15.88	47.5	73	32	1.4		15.88	55	82	56	2.8		17
18	117	109.70	18	0.81		15.88	55	83	40	2.0		15.88	59	87	56	3.1		18
19	123	115.74	18	0.90		15.88	55	83	40	2.1		15.88	63	95	56	3.6		19
20	129	121.78	18	1.0		15.88	55	83	40	2.2		15.88	69	101	56	4.1		20
21	135	127.82	18	1.1		15.88	55	83	40	2.3		15.88	75	107	56	4.5		21
22	141	133.86	18	1.2		15.88	55	83	40	2.5		15.88	78	113	56	5.0		22
23	147	139.90	18	1.3		18	55	83	40	2.5		18	66	98	56	4.9		23
24	153	145.95	18	1.4		18	55	83	40	2.6		18	66	98	56	5.2		24
25	159	151.99	18	1.6		18	55	83	40	2.7		18	66	98	56	5.6		25
26	165	158.04	18	1.7		18	55	83	40	2.9		18	66	98	56	6.0		26
27	171	164.09	18	1.8		18	55	83	40	3.0		18	66	98	56	6.3		27
28	178	170.14	18	1.9		18	55	83	40	3.1		18	66	98	56	6.8		28
30	190	182.25	18	2.3		18	55	83	40	3.4		18	66	98	56	7.6		30
32	202	194.35	18	2.6		18	55	83	40	3.7		18	66	98	56	8.5		32
34	214	206.46	18	2.8		18	55	83	40	4.0		18	66	98	56	9.5		34
35	220	212.52	18	3.1		18	55	83	40	4.2		18	66	98	56	10.0		35
36	226	218.57	18	3.3		18	55	83	40	4.4		18	66	98	56	10.6		36
38	238	230.69	18	3.6		18	55	83	40	4.8		18	66	98	56	11.7		38
40	250	242.80	18	4.0		18	55	83	40	5.1		18	66	98	56	12.8		40
42	262	254.92	23	4.3		23	63	93	45	6.0		23	75	107	71	15.2		42
45	280	273.09	23	5.1		23	63	93	45	6.7		23	75	107	71	17.2		45
48	299	291.27	23	5.8		23	63	93	45	7.4		23	75	107	71	19.3		48
50	311	303.39	23	6.3		23	63	93	45	8.0		23	75	107	71	20.8		50
54	335	327.63	23	7.4		23	63	93	45	8.9		23	75	107	71	23.9		54
60	371	363.99	23	9.1		23	63	93	45	10.6	Note 6	23	75	107	71	29.1	Note 6	60

- Note: 1. Maximum bore diameters shown are standard figures. Determine bore diameter and key bearing pressure based on general mechanical design.
2. Models in shaded areas have hardened teeth.
3. Models with unhardened teeth as standard can be manufactured with hardened teeth.
4. The outer diameters shown above are for 1B. The outer diameters for other models may differ.
5. 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 32 for 9T, 37 for 10T, and 45 for 11T.
6. Welded construction: Carbon steel for machine structural use (teeth and hub).
7. Models in the dimensional chart whose approximate mass is in bold font have one hanging hole. See the diagram on the right for more information.
8. Made-to-order.

Hanging hole dimensions



The phase relationship between the hanging hole and teeth may vary.

Model numbering example

RS12B -1 B 32T

Size Number of strands Number of teeth Hub type

Hardened teeth model numbering example

RS12B -1 B 9T Q

Size Number of strands Number of teeth Hardened teeth