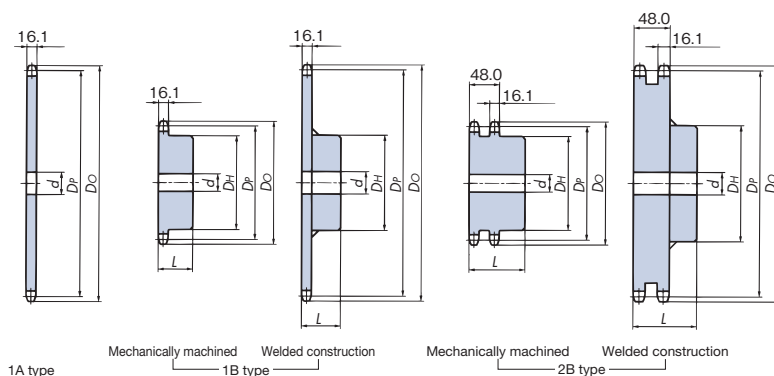
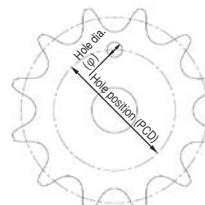




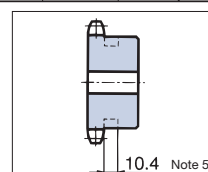
Number of teeth	Note 4 Outer dia. D_o	Pitch circle dia. D_p	1A type			1B type							2B type							Number of teeth
			Pilot bore d	Approx. mass kg	Construction/ material	Bore dia. d		Hub		Approx. mass kg	Construction/ material	Bore dia. d		Hub		Approx. mass kg	Construction/ material			
						Pilot bore	Max.	Dia. D_H	Length L			Pilot bore	Max.	Dia. D_H	Length L					
9	84	74.26			Mechanically machined: structural carbon steel	15.9	34	57	40	0.87	Note 5 Mechanically machined: machine-structural carbon steel							9		
10	92	82.20				15.9	32	52	40	0.97									10	
11	100	90.16				15.9	38	60	40	1.2									11	
12	108	98.14	23	0.82		19.05	45	67	40	1.5		19.05	46	67	63	2.5	Mechanically machined: machine-structural carbon steel	12		
13	116	106.14	23	0.93		19.05	50	77	40	1.9		19.05	50	77	63	3.1		13		
14	124	114.15	23	1.1		19.05	50	77	40	2.0		19.05	58	86	63	3.7		14		
15	132	122.17	23	1.2		19.05	63	93	40	2.6		19.05	64	94	63	4.3		15		
16	140	130.20	23	1.4		19.05	63	93	40	2.8		19.05	70	102	71	5.5		16		
17	148	138.23	23	1.6		19.05	63	93	40	3.0		19.05	76	110	71	6.4		17		
18	156	146.27	23	1.8		19.05	63	93	40	3.2		23	66	98	71	6.4		18		
19	164	154.32	23	2.0		23	63	93	40	3.4		23	66	98	71	7.0	Mechanically machined: machine-structural carbon steel	19		
20	172	162.37	23	2.2		23	63	93	40	3.6		23	75	107	71	7.9		20		
21	180	170.42	23	2.5		23	63	93	40	3.8		23	75	107	71	8.6		21		
22	188	178.48	28	2.7		28	75	107	45	4.8		28	80	117	71	9.6		22		
23	196	186.54	28	2.9		28	75	107	45	5.1		28	80	117	71	10.3		23		
24	205	194.60	28	3.2		28	75	107	45	5.4		28	80	117	80	11.8	Welded construction	24		
25	213	202.66	28	3.5		28	75	107	45	5.6		28	80	117	80	12.6		25		
26	221	210.72	28	3.8		28	75	107	45	5.9		28	80	117	80	13.5		26		
27	229	218.79	28	4.0		28	75	107	45	6.1		28	80	117	80	14.4		27		
28	237	226.86	28	4.3		28	75	107	45	6.5		28	80	117	80	15.3		28		
30	253	243.00	28	5.0		28	75	107	45	7.1		28	80	117	80	17.2		30		
32	269	259.14	28	5.8		28	75	107	45	7.8		28	80	117	80	19.3		32		
34	285	275.28	28	6.4		28	75	107	45	8.5		28	80	117	80	21.5	34			
35	293	283.36	28	6.9		28	75	107	45	8.9		28	80	117	80	22.7	35			
36	301	291.43	33	7.3		33	80	117	50	10.1		28	80	117	80	23.9	36			
38	318	307.58	33	8.0		33	80	117	50	10.9	Welded construction	28	80	117	80	26.4	38			
40	334	323.74	33	9.0		33	80	117	50	11.8		33	89	127	90	30.4	40			
42	350	339.89	33	9.8		33	80	117	50	12.7		33	89	127	90	33.2	42			
45	374	364.12	33	11.0		33	80	117	50	14.2		33	89	127	90	37.6	45			
48	398	388.36	33	13.0		33	80	117	50	15.8		33	89	127	90	42.3	48			
50	414	404.52	33	14.0		33	80	117	50	16.8		33	89	127	90	45.7	50			
54	447	436.84	33	16.0		33	80	117	50	19.2		33	89	127	90	52.8	54			
60	495	485.33	33	20.0		33	80	117	50	23.1	Note 6	33	89	127	90	64.5	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 44 for 9T.
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.



No. of teeth	2B/2C bore dia. (φ 30)
40	242
42	258
45	283
48	307
50	323
54	355
60	404

Model numbering example

RS16B -1 B 22T
Size Number of strands Number of teeth
Hub type

Hardened teeth model numbering example

RS16B -1 B 9T Q
Size Number of strands Number of teeth
Hub type Hardened teeth