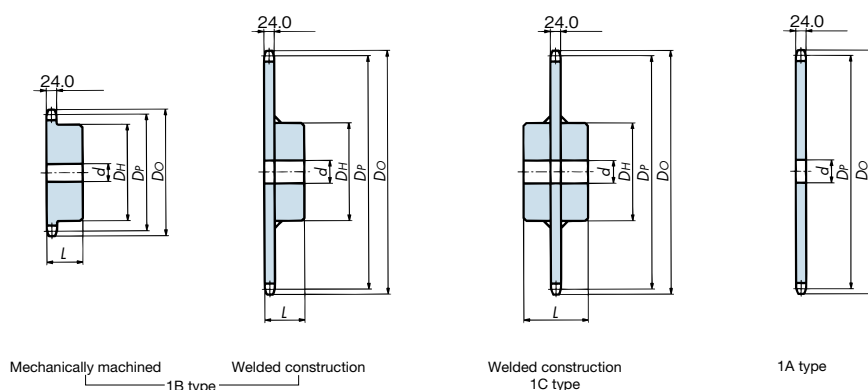
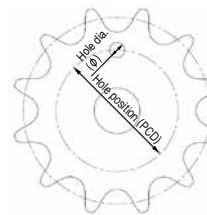




Number of teeth	Pitch circle dia. D_p	Outer dia. (D_o)	1B type					Material	1C type						1A type			Number of teeth					
			Bore dia. d		Hub		Approx. mass kg		Bore dia. d		Hub		Approx. mass kg	Material	Pilot bore dia.	Approx. mass kg	Material						
			Pilot bore	Max.	Dia. D_H	Length L			Pilot bore	Max.	Dia. D_H	Length L											
10	143.84	163	28	60	91	56	4.1	Mechanically machined: machine-structural carbon steel							28	2.6	Machine-structural carbon steel	10					
11	157.77	178	33	73	106	56	5.1								33	3.2		11					
12	171.74	193	33	80	117	56	6.3								33	3.8		12					
13	185.74	207	33	80	117	63	7.5								33	4.5		13					
14	199.76	221	33	89	127	63	8.9								33	5.3		14					
15	213.79	236	33	89	127	63	9.7								33	6.1		15					
16	227.84	250	33	89	127	63	10.6								33	7.0		16					
17	241.91	264	33	89	127	63	11.5								33	7.9		17					
18	255.98	279	33	89	127	63	12.5								33	9.0		18					
19	270.06	293	33	95	137	71	15.1								33	10.0		19					
20	284.14	307	33	95	137	71	16.2	Welded construction: machine-structural carbon steel (teeth and hub)	33	103	147	115	25.1	Machine-structural carbon steel (teeth and hub)	33	11.1	Machine-structural carbon steel	20					
21	298.24	322	33	95	137	71	17.4								33	12.3		21					
22	312.34	336	33	103	147	71	19.6								33	13.6		22					
23	326.44	350	33	103	147	71	21.0								33	14.8		23					
24	340.54	364	33	103	147	71	22.3								33	16.2		24					
25	354.65	379	38	103	147	80	24.7	Welded construction: machine-structural carbon steel (teeth and hub)	38	103	147	115	28.9	Machine-structural carbon steel (teeth and hub)	38	17.6	Machine-structural carbon steel	25					
26	368.77	393	38	103	147	80	26.0								38	103		147	115	30.1	38	18.8	26
27	382.88	407	38	103	147	80	27.6								38	103		147	115	31.7	38	20.3	27
28	397.00	421	38	103	147	80	29.2								38	103		147	115	33.2	38	21.9	28
30	425.24	450	38	103	147	80	32.6								38	103		147	115	36.6	38	25.3	30
32	453.49	478	38	103	147	80	36.3								38	103		147	115	40.2	38	28.9	32
34	481.75	506	38	103	147	80	40.1								38	103		147	115	44.0	38	32.7	34
35	495.88	521	38	110	157	90	44.6								38	110		157	125	49.2	38	34.7	35
36	510.01	535	38	110	157	90	46.7								38	110		157	125	51.2	38	36.8	36
38	538.27	563	38	110	157	90	51.1								38	110		157	125	55.5	38	41.1	38
40	566.54	591	38	110	157	90	55.6	Welded construction: machine-structural carbon steel (teeth and hub)	38	118	167	130	62.9	Machine-structural carbon steel (teeth and hub)	38	45.6	Machine-structural carbon steel	40					
42	594.81	620	38	118	167	94	62.3								38	50.4		42					
45	637.22	662	38	118	167	94	70.0								38	58.0		45					
48	679.63	705	38	118	167	94	78.3								38	66.1		48					
50	707.91	733	38	118	167	94	84.0								38	71.8		50					
54	764.47	790	38	118	167	94	96.7								38	84.0		54					
60	849.32	875	38	118	167	94	116.6	38	118	167	155	125.2	38	103.9	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 the dimensional chart whose approximate mass is in bold font have one hanging hole. See the diagram on the right for more information.
 3. Models in shaded areas have hardened teeth.
 4. Models with unhardened teeth as standard can be manufactured with hardened teeth (quick delivery).
 5. Models with dimensions in thin font are made-to-order. All other items are stocked.

Hanging hole dimensions



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

No. of teeth	1B/1C/1A bore dia. ($\phi 40$)
	Hole position (PCD)
26	263
27	277
28	291
30	319
32	348
34	376
35	390
36	404
38	432
40	461
42	489
45	531
48	574
50	602
54	659
60	743

Model numbering example

RS140 -1 B 25T

Size

Number of teeth

Number of strands

Hub type

Hardened teeth model numbering example

RS140 -1 B 30T Q

Size

Number of teeth

Number of strands

Hub type

Hardened teeth