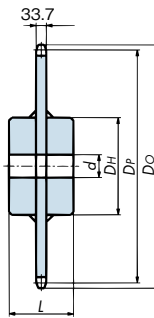
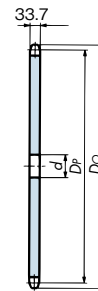
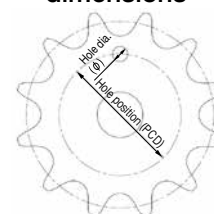
Welded construction
1B typeWelded construction
1C type

1A type

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								
11	202.85	229	43	75	110	55	8.6	Welded construction: machine-structural carbon steel (teeth and hub)								43	7.0	Machine-structural carbon steel	11	
12	220.81	248	43	85	130	65	11.6										43		8.5	12
13	238.81	266	43	95	150	75	15.6										43		10.1	13
14	256.83	285	43	105	170	80	19.7										43		11.9	14
15	274.88	303	43	110	180	80	22.6										43		13.8	15
16	292.94	322	43	110	180	80	24.6										43		15.8	16
17	311.02	340	43	115	180	80	26.8										43		17.9	17
18	329.11	358	43	115	180	80	29.2										43		20.2	18
19	347.22	377	43	115	180	80	31.6										43		22.7	19
20	365.33	395	43	115	180	80	34.2										43		25.2	20
21	383.45	413							63	120	190	85	37.8				63		27.5	21
22	401.57	432							63	120	190	85	40.4				63		30.0	22
23	419.71	450							63	120	200	90	45.7				63		33.0	23
24	437.84	468							63	125	200	90	48.8				63		36.1	24
25	455.98	487							63	125	200	90	52.0				63		39.4	25
26	474.13	505							63	125	200	90	55.4				63		42.8	26
27	492.28	523							63	125	200	90	58.9				63		46.3	27
28	510.43	542							63	125	200	90	62.6				63		50.0	28
30	546.74	578							63	135	220	110	78.7				63		57.7	30
32	583.06	615							63	135	220	110	86.9				63		65.9	32
34	619.39	651							63	135	220	110	95.8				63		74.8	34
35	637.56	669							63	135	220	110	100.4				63		79.4	35
36	655.72	688							63	135	220	110	105.1				63		84.1	36
38	692.06	724							63	135	220	110	115.0				63		94.0	38
40	728.41	760							63	150	240	125	134.7				63		104.5	40
42	764.75	797							63	150	240	125	145.8				63		115.6	42
45	819.28	852							63	150	240	125	163.3				63		133.1	45
48	873.81	906							63	150	240	125	182.1				63		151.8	48
50	910.17	943							63	150	240	125	195.3				63		165.1	50
54	982.89	1016							63	150	240	125	223.3				63		193.1	54
60	1091.98	1125							63	150	240	125	269.5				63		239.2	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. Made-to-order.

Hanging hole dimensions



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

1B/1C/1A bore dia. (φ40)		1B/1C/1A bore dia. (φ40)	
No. of teeth	Hole position (PCD)	No. of teeth	Hole position (PCD)
22	276	35	512
23	294	36	531
24	313	38	567
25	331	40	603
26	349	42	640
27	367	45	694
28	385	48	749
30	422	50	785
32	458	54	858
34	464	60	967

Model numbering example

RS180 -1 B 15T

Size
Number of strands
Number of teeth
Hub type