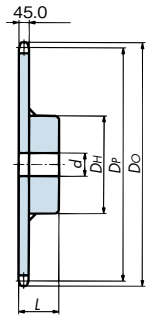
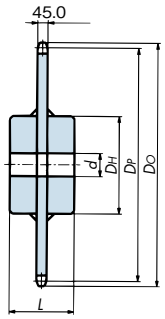
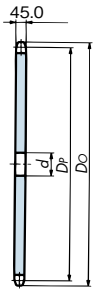
RS Sprocket RS240



Welded construction
1B type



Welded construction
1C type

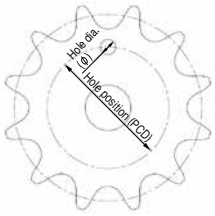


1A type

Number of teeth	Pitch circle dia. D_P	Outer dia. (D_O)	1B type						1C type						1A type			Number of teeth
			Bore dia. d		Hub		Approx. mass kg	Material	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	270.47	305	43	90	150	75	21.3	Welded construction: machine-structural carbon steel (teeth and hub)						Welded construction: machine-structural carbon steel (teeth and hub)	43	17.1	Machine-structural carbon steel	**11**
12	294.41	330	43	100	170	85	27.8								43	20.6		**12**
13	318.41	355	43	120	200	100	37.7								43	24.4		**13**
14	342.44	380	43	130	210	110	46.0								43	28.6		**14**
15	366.50	404							63	140	230	110	52.4		63	32.5		**15**
16	390.59	429							63	140	230	110	57.2		63	37.3		**16**
17	414.69	453							63	145	230	110	62.3		63	42.4		**17**
18	438.82	478							63	145	230	110	67.8		63	47.9		**18**
19	462.96	502							63	150	240	120	78.7		63	53.6		**19**
20	487.10	527							63	150	240	120	**84.3**		63	**59.2**		**20**
21	511.26	551							63	155	240	120	**90.7**		63	**65.6**		**21**
22	535.43	576							63	155	240	120	**97.4**		63	**72.3**		**22**
23	559.61	600							63	160	260	140	**116.9**		63	**79.4**		**23**
24	583.79	625							63	160	260	140	**124.3**		63	**86.8**		**24**
25	607.98	649							63	160	260	140	**132.0**		63	**94.5**		**25**
26	632.17	673							63	160	260	140	**140.1**		63	**102.6**		**26**
27	656.37	698							63	160	260	140	**148.5**		63	**111.0**		**27**
28	680.57	722							63	160	260	140	**157.1**		63	**119.6**		**28**
30	728.99	771							63	165	260	140	**175.5**		63	**138.0**		**30**
32	777.42	819							63	165	260	140	**195.1**		63	**157.6**		**32**
34	825.86	868							63	165	260	140	**216.1**		63	**178.5**		**34**
35	850.07	892							63	165	260	140	**227.0**		63	**189.4**		**35**
36	874.30	917							63	165	260	140	**238.3**		63	**200.8**		**36**
38	922.75	965							63	165	260	140	**261.8**		63	**224.3**		**38**
40	971.21	1014							68	170	270	140	**289.3**		68	**248.9**		**40**
42	1019.67	1063							68	170	270	140	**315.4**		68	**275.2**		**42**
45	1092.37	1135							68	170	270	140	**357.0**		68	**316.8**		**45**
48	1165.08	1208							68	170	270	140	**401.6**		68	**361.4**		**48**
50	1213.56	1257							68	170	270	140	**432.9**		68	**392.7**		**50**
54	1310.52	1354							68	170	270	140	**499.5**		68	**459.2**		**54**
60	1455.98	1500							68	170	270	140	**609.3**		68	**568.8**		**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.

No. of teeth	1B/1C/1A bore dia. (ϕ40) Hole position (PCD)	No. of teeth	1B/1C/1A bore dia. (ϕ40) Hole position (PCD)
20	355	**34**	681
21	378	**35**	704
22	401	**36**	726
23	424	**38**	773
24	447	**40**	821
25	470	**42**	867
26	494	**45**	938
27	517	**48**	1009
28	540	**50**	1054
30	587	**54**	1148
32	635	**60**	1291

Model numbering example

RS240 -1 B 14T

Size
Number of strands
Hub type
Number of teeth