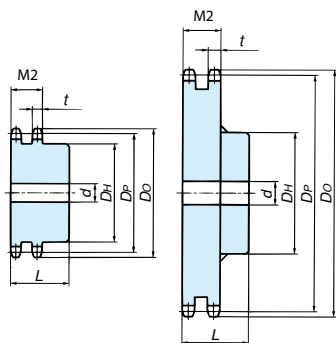


RS Sprockets RS60 to RS100 2-Strand



(Mechanically machined) (Welded construction)
2B type

Model Numbering Example

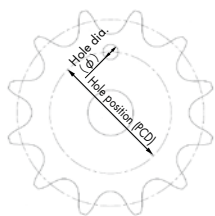
RS80 -2B 17T Q

Size _____
No. of strands/Hub type _____
No. of teeth _____
Teeth hardening
Q: Hardened
[Blank]: Unhardened

No. of Teeth	RS60 (t=11.7, M2=34.5)							RS80 (t=14.6, M2=43.9)							RS100 (t=17.6, M2=53.4)												
	PCD D _p	(Outer Dia.) (D _o)	Shaft Bore Dia. d	Pilot Bore	Max.	Dia. D _H	Length L	Approx. Mass kg	Material	PCD D _p	(Outer Dia.) (D _o)	Shaft Bore Dia. d	Pilot Bore	Max.	Dia. D _H	Length L	Approx. Mass kg	Material	PCD D _p	(Outer Dia.) (D _o)	Shaft Bore Dia. d	Pilot Bore	Max.	Dia. D _H	Length L	Approx. Mass kg	Material
12	73.60	83	12.7	32	51	50	1.1			98.14	110	19	46	67	63	2.3			122.67	138	23	58	86	80	4.7		
13	79.60	89	15.9	35	57	50	1.3			106.14	118	19	50	77	63	2.9			132.67	148	23	65	95	80	5.7		
14	85.61	95	15.9	39.5	62	56	1.6			114.15	127	19	58	86	63	3.5			142.68	158	23	72	105	80	6.8		
15	91.63	101	15.9	45.5	68	56	1.9			122.17	135	19	64	94	63	4.1			152.71	168	28	66	98	80	7.3		
16	97.65	107	15.9	50	76	56	2.3			130.20	143	19	70	102	71	5.3			162.75	179	28	66	98	80	8.3		
17	103.67	113	15.9	55	82	56	2.7			138.23	151	19	76	110	71	6.1			172.79	189	28	75	107	80	9.6		
18	109.70	119	15.9	59	87	56	3.0			146.27	159	23	66	98	71	6.1			182.84	199	28	75	107	80	10.7		
19	115.74	126	15.9	63	95	56	3.5			154.32	167	23	66	98	71	6.7			192.90	209	28	89	127	90	13.6		
20	121.78	132	15.9	69	101	56	3.9			162.37	176	23	75	107	71	7.7			202.96	220	28	89	127	90	14.8		
21	127.82	138	15.9	75	107	56	4.4			170.42	184	23	75	107	71	8.3			213.03	230	28	89	127	90	16.0		
22	133.86	144	15.9	78	113	56	4.9			178.48	192	28	80	117	71	9.3			223.10	240	33	95	137	90	17.8		
23	139.90	150	18	66	98	56	4.8			186.54	200	28	80	117	71	10.0			233.17	250	33	95	137	90	19.2		
24	145.95	156	18	66	98	56	5.1			194.60	208	28	80	117	80	11.6			243.25	260	33	95	137	90	20.7		
25	151.99	162	18	66	98	56	5.4			202.66	216	28	80	117	80	12.4			253.32	270	33	95	137	90	22.2		
26	158.04	168	18	66	98	56	5.8			210.72	224	28	80	117	80	13.2			263.41	281	33	95	137	90	23.8		
27	164.09	174	18	66	98	56	6.2			218.79	233	28	80	117	80	14.1			273.49	291	33	95	137	90	25.4		
28	170.14	181	18	66	98	56	6.6			226.86	241	28	80	117	80	15.0			283.57	301	33	95	137	90	27.2		
30	182.25	193	18	66	98	56	7.5			243.00	257	28	80	117	80	17.0			303.75	321	33	95	137	90	30.9		
32	194.35	205	18	66	98	56	8.4			259.14	273	28	80	117	80	19.0			323.92	341	33	95	137	90	34.4		
34	206.46	217	18	66	98	56	9.4			275.28	289	28	80	117	80	21.2			344.10	362	33	95	137	90	38.6		
35	212.52	223	18	66	98	56	9.9			283.36	297	28	80	117	80	22.4			354.20	372	33	95	137	90	40.8		
36	218.57	229	18	66	98	56	10.4			291.43	306	28	80	117	80	23.6			364.29	382	33	95	137	90	43.0		
38	230.69	241	18	66	98	56	11.5			307.58	322	28	80	117	80	26.0			384.48	402	33	103	137	90	47.8		
40	242.80	253	18	66	98	56	12.7			323.74	338	33	89	127	90	29.8			404.67	422	33	103	147	100	54.7		
42	254.92	266	23	75	107	71	15.1			339.89	354	33	89	127	90	32.5			424.86	443	33	103	147	100	60.0		
45	273.09	284	23	75	107	71	17.1			364.12	378	33	89	127	90	36.9			455.15	473	33	103	147	100	68.5		
48	291.27	302	23	75	107	71	19.1			388.36	403	33	89	127	90	41.6			485.45	503	33	103	147	115	79.4		
50	303.39	314	23	75	107	71	20.6			404.52	419	33	89	127	90	45.0			505.65	524	33	103	147	115	85.8		
54	327.63	339	23	75	107	71	23.7			436.84	451	33	89	127	90	52.2			546.05	564	33	103	147	115	99.4		
60	363.99	375	23	75	107	71	28.7			485.33	500	33	89	127	90	63.9			606.66	625	33	103	147	115	121.6		

- Note: 1. Maximum bore diameters shown are standard figures. Determine bore diameter and key bearing pressure based on general mechanical design.
 2. For hub types other than 1B and 2B, refer to the Tsubaki Drive Chains & Sprockets catalogue.
 3. Models in the dimensional chart whose approximate mass is in bold font have one hanging hole. See the table below for more information.
 4. Models in blue shaded areas have hardened teeth.
 5. Models with unhardened teeth as standard can be manufactured with hardened teeth.
 6. Models in shaded areas are made-to-order. All other models are stocked.
 7. Material A: Mechanically machined, machine-structural carbon steel; B: Welded construction, machine-structural carbon steel (teeth and hub); C: Welded construction, rolled steel for general structural use (teeth), machine-structural carbon steel (hub)
 8. The above dimensions are nominal dimensions and may differ from actual dimensions.

◆ Hanging Hole Dimensions



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

No. of Teeth		32T	34T	35T	36T	38T	40T	42T	45T	48T	50T	54T	60T
Hole Position (PCD)	Size												
	RS60												293
	RS80						242	258	283	307	323	355	404
	RS100	224	245	255	265	285	305	326	356	386	407	447	508
Hole Dia.		RS60 · RS80: φ30, RS100: φ35											