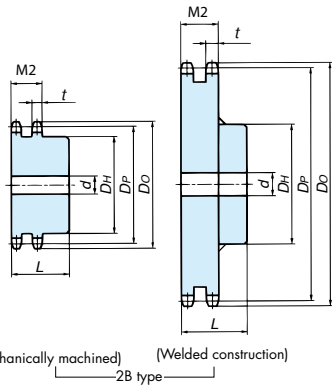


RS Sprockets 2-Strand

RS Sprockets RS40 / RS50 2-Strand



Model Numbering Example

RS40 -2B 50T Q

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

No. of Teeth	RS40 (t=7.1, M2=21.5)							Material	RS50 (t=8.7, M2=26.8)							Material
	Pitch Circle Dia. D_p	(Outer Dia.) (D_o)	Shaft Bore Dia. d		Hub		Approx. Mass kg		Pitch Circle Dia. D_p	(Outer Dia.) (D_o)	Shaft Bore Dia. d		Hub		Approx. Mass kg	
			Pilot Bore	Max.	Dia. D_H	Length L				Pilot Bore	Max.	Dia. D_H	Length L			
12	49.07	55	9.5	18	32	35	0.29	Mechanically machined; machine-structural carbon steel	61.34	69	12.7	24	42	40	0.55	Mechanically machined; machine-structural carbon steel
13	53.07	59	12.7	20	37	35	0.36		66.33	74	12.7	28.5	47	40	0.68	
14	57.07	63	12.7	24	42	35	0.44		71.34	79	12.7	32	52	40	0.81	
15	61.08	67	12.7	29	46	35	0.53		76.35	84	12.7	35	57	40	0.96	
16	65.10	71	12.7	30	50	35	0.62		81.37	89	12.7	40	62	45	1.2	
17	69.12	76	12.7	32	54	35	0.71		86.39	94	12.7	45.5	67	45	1.4	
18	73.14	80	12.7	35	57	35	0.80		91.42	100	12.7	47.5	72	45	1.6	
19	77.16	84	12.7	40	62	35	0.93		96.45	105	15.9	52	79	45	1.9	
20	81.18	88	12.7	46	67	40	1.2		101.48	110	15.9	55	82	45	2.1	
21	85.21	92	12.7	47	71	40	1.3		106.51	115	15.9	60	89	45	2.4	
22	89.24	96	12.7	50	75	40	1.5		111.55	120	15.9	63	92	50	2.8	
23	93.27	100	12.7	50	77	40	1.6		116.59	125	15.9	67	99	50	3.2	
24	97.30	104	12.7	55	83	40	1.8		121.62	130	15.9	70	102	50	3.5	
25	101.33	108	12.7	59	87	40	2.0		126.66	135	15.9	75	109	50	3.9	
26	105.36	112	12.7	62	91	40	2.2		131.70	140	18	63	93	50	3.6	
27	109.40	116	12.7	65	95	40	2.4		136.74	145	18	63	93	50	3.8	
28	113.43	120	12.7	67	99	40	2.6		141.79	150	18	63	93	50	4.0	
30	121.50	128	12.7	73	106	40	3.0		151.87	161	18	63	93	50	4.5	
32	129.57	137	12.7	78	115	50	4.2		161.96	171	18	63	93	50	5.0	
34	137.64	145	12.7	84	124	50	4.9		172.05	181	18	63	93	50	5.5	
35	141.68	149	16	63	93	50	3.9		177.10	186	18	63	93	50	5.8	
36	145.72	153	16	63	93	50	4.0		182.15	191	18	63	93	50	6.1	
38	153.79	161	16	63	93	50	4.3		192.24	201	18	63	93	50	6.7	
40	161.87	169	16	63	93	50	4.6		202.33	211	23	66	98	56	7.7	
42	169.94	177	16	63	93	50	5.0		212.43	221	23	66	98	56	8.4	
45	182.06	189	18	63	93	50	5.5		227.58	237	23	66	98	56	9.4	
48	194.18	201	18	63	93	50	6.0	242.73	252	23	66	98	56	10.6		
50	202.26	209	18	63	93	50	6.5	252.82	262	23	66	98	56	11.4		
54	218.42	226	18	63	93	50	7.3	273.03	282	23	66	98	63	13.4		
60	242.66	250	18	63	93	50	8.8	303.33	312	23	66	98	63	16.2		

- 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 blue shaded areas have hardened teeth.
 4. Models with unhardened teeth as standard can be manufactured with hardened teeth.
 5. Models in shaded areas are made-to-order. All other models are stocked.
 6. The above dimensions are nominal dimensions and may differ from actual dimensions.

Overview

General Use/
Corrosion Resistant

Lube Free

Special

Special Attachment

High Precision

Free Flow

Sprockets

Engineering Manual