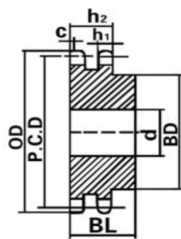
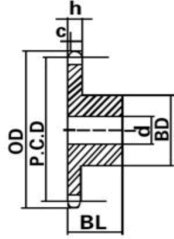
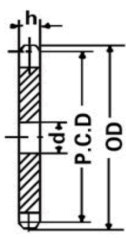


JIS SPROCKET



35-1-2

NOTE

mm

Pitch

9.53

Roller Φ

5.08

h

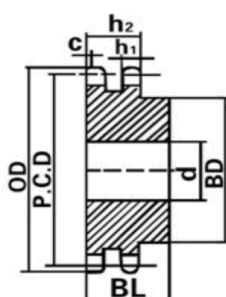
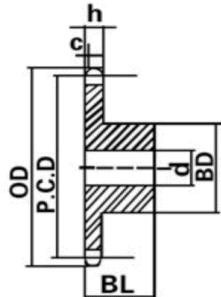
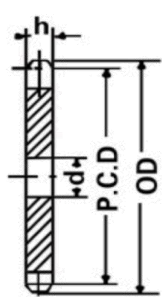
4.30

Dimensions: mm

Teeth	OD	P.C.D	Bore:d	Type B Simplex					Type A		Material
				Hub		Bore		Weight kg	Bore:d	Weight kg	
				BD	BL	Min	Max				
9	32	27.85	8.5	21.5*	20	10.5	11	0.06			C45
10	34	30.82	8.5	24.5*	20	10.5	12	0.08	10.5	0.02	
11	38	33.81	8.5	27.0*	20	10.5	14	0.09	10.5	0.03	
12	41	36.80	9.5	30.5*	20	11.5	16	0.12	11.5	0.03	
13	44	39.80	9.5	32.0*	20	11.5	18	0.12	11.5	0.04	
14	47	42.81	9.5	32.0	20	11.5	18	0.12	11.5	0.04	
15	51	45.81	9.5	35.0	20	11.5	20	0.16	11.5	0.05	
16	54	48.82	9.5	37.0	20	11.5	20	0.19	11.5	0.05	
17	57	51.84	11.5	41.0	20	13.5	25	0.22	13.5	0.07	
18	60	54.85	11.5	44.0	20	13.5	25	0.25	13.5	0.07	
19	63	57.87	11.5	47.0	20	13.5	28	0.28	13.5	0.09	
20	66	60.89	11.5	50.0	20	13.5	30	0.32	13.5	0.09	
21	69	63.91	11.5	53.0	20	13.5	32	0.36	13.5	0.11	
22	72	66.93	11.5	56.0	20	13.5	35	0.37	13.5	0.11	
23	75	69.95	11.5	60.0	20	13.5	38	0.38	13.5	0.11	
24	78	72.97	11.5	53.0	22	13.5	32	0.43	13.5	0.14	
25	81	76.00	11.5	53.0	22	13.5	32	0.44	13.5	0.16	
26	84	79.02	11.5	53.0	22	13.5	32	0.45	13.5	0.16	
27	87	82.05	11.5	53.0	22	13.5	32	0.46	13.5	0.17	
28	90	85.07	11.5	53.0	22	13.5	32	0.48	13.5	0.18	
29	93	88.10	11.5	53.0	22	13.5	32	0.49			
30	96	91.12	11.5	53.0	22	13.5	32	0.51	13.5	0.23	
31	99	94.15	11.5	53.0	22	13.5	32	0.53			
32	102	97.18	11.5	53.0	22	13.5	32	0.54	13.5	0.27	
33	105	100.20	11.5	53.0	22	13.5	32	0.56	13.5	0.28	
34	109	103.23	11.5	53.0	22	13.5	32	0.57	13.5	0.29	
35	112	106.26	11.5	53.0	22	13.5	32	0.59	13.5	0.30	
36	115	109.29	12.5	53.0	22	14.5	32	0.61	14.5	0.32	
37	118	112.31	12.5	63.0	25	14.5	42	0.68			
38	121	115.34	12.5	63.0	25	14.5	42	0.82	14.5	0.41	
39	124	118.37	12.5	63.0	25	14.5	42	0.84			
40	127	121.40	12.5	63.0	25	14.5	42	0.85	14.5	0.43	
41	130	124.43	16.0	63.0	25	18	42	0.91			
42	133	127.46	16.0	63.0	25	18	42	0.93	18.0	0.43	
43	136	130.49	16.0	63.0	25	18	42	0.95			
44	139	133.52	16.0	63.0	25	18	42	0.97			
45	142	136.55	16.0	63.0	25	18	42	1.00	18.0	0.49	
46	145	139.58	16.0	63.0	25	18	42	1.01	18.0	0.51	
47	148	142.61	16.0	63.0	25	18	42	1.03			
48	151	145.64	16.0	63.0	25	18	42	1.05	18.0	0.55	
50	157	151.70	16.0	63.0	25	18	42	1.07	18.0	0.60	
53	166	160.78	16.0	63.0	25	18	42	1.09			
54	169	163.80	16.0	63.0	25	18	42	1.10	18.0	0.70	
55	172	166.85	16.0	63.0	25	18	42	1.25	18.0	0.71	
60	187	182.00	16.0	63.0	25	18	42	1.30	18.0	0.80	
64	200	194.12	16.0	63.0	25	18	42	1.46			
65	203	197.15	16.0	68.0	25	18	45	1.67			
70	218	212.30	16.0	68.0	25	18	45	1.80			
75	233	227.46	16.0	68.0	25	18	45	1.90			
80	248	242.61	16.0	68.0	25	18	45	2.40	18.0	1.50	

* Plate wheel

JIS SPROCKET



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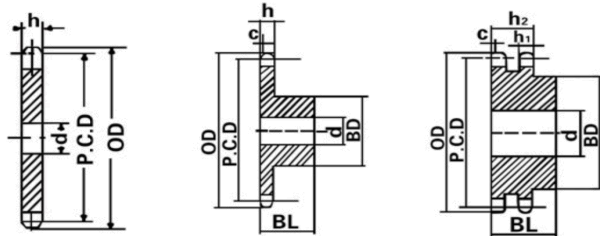
NOTE	mm
Pitch	12.70
Roller Φ	7.95
h	7.20
h1	7.00
h2	21.40

Dimensions: mm

Teeth	OD	P.C.D	Bore:d	Type B Simplex					Type A		Type B Duplex					Material
				Hub		Bore		Weight kg	Bore:d	Weight kg	Hub		Bore		Weight kg	
				BD	BL	Min	Max				BD	BL	Min	Max		
8	38	33.19	8.5	24*	22	10.5	10.5	0.06								C45
9	42	37.13	8.5	28*	22	10.5	16	0.11								
10	46	41.10	9.5	32*	22	11.5	18	0.14	11.5	0.05	28	35	15	16	0.28	
11	51	45.08	10.5	36*	22	12.5	20	0.19	12.5	0.09	30	35	15	16	0.30	
12	55	49.07	10.5	40*	22	12.5	22	0.22	12.5	0.10	35	35	16	20	0.34	
13	59	53.07	13.5	37	22	15.5	20	0.23	15.5	0.12	39	35	16	22	0.40	
14	63	57.07	13.5	42	22	15.5	25	0.28	15.5	0.14	43	35	16	25	0.47	
15	67	61.08	13.5	46	22	15.5	28	0.34	15.5	0.16	47	35	16	28	0.55	
16	71	65.10	13.5	50	22	15.5	30	0.10	15.5	0.18	50	35	16	30	0.65	
17	76	69.12	13.5	54	22	15.5	32	0.46	15.5	0.20	54	35	16	32	0.75	
18	80	73.14	13.5	57	22	15.5	35	0.51	15.5	0.23	59	35	16	38	0.85	
19	84	77.16	13.5	62	22	15.5	40	0.59	15.5	0.24	63	35	16	42	0.98	
20	88	81.18	14.5	67	25	16.5	45	0.76	16.5	0.29	67	40	16	45	1.30	
21	92	85.21	14.5	71	25	16.5	48	0.85	16.5	0.30	68	40	16	45	1.30	
22	96	89.24	14.5	75	25	16.5	51	0.95	16.5	0.35	72	40	16	48	1.50	
23	100	93.27	14.5	77	25	16.5	51	1.00	16.5	0.38	76	40	16	51	1.60	
24	104	97.30	14.5	63	25	16.5	42	0.84	16.5	0.40	80	40	16	55	1.80	
25	108	101.33	14.5	63	25	16.5	42	0.88	16.5	0.45	84	40	20	57	2.00	
26	112	105.36	14.5	63	25	16.5	42	0.92	16.5	0.49	88	40	20	60	2.20	
27	116	109.40	14.5	63	25	16.5	42	0.96	16.5	0.50	92	40	20	60	2.30	
28	120	113.43	14.5	63	25	16.5	42	1.00	16.5	0.56	96	40	20	66	2.50	
29	124	117.46	14.5	63	25	16.5	42	1.00	16.5	0.60	96	40	20	66	2.65	
30	128	121.50	14.5	63	25	16.5	42	1.10	16.5	0.63	100	40	20	66	2.80	
31	133	125.53	14.5	68	28	16.5	45	1.20	16.5	0.65	100	50	25	66	2.95	
32	137	129.57	14.5	68	28	16.5	45	1.30	16.5	0.70	100	50	25	66	3.05	
33	141	133.61	14.5	68	28	16.5	45	1.30	16.5	0.75	100	50	25	66	3.06	
34	145	137.64	14.5	68	28	16.5	45	1.30	16.5	0.80	100	50	25	66	3.08	
35	149	141.68	14.5	68	28	16.5	45	1.40	16.5	0.85	100	50	25	66	3.10	
36	153	145.72	16.0	68	28	18.0	45	1.50	18.0	0.90	100	50	25	66	3.30	
38	161	153.79	16.0	68	28	18.0	45	1.60	18.0	1.00	100	50	25	66	3.50	
39	165	157.83	16.0	68	28	18.0	45	1.65	18.0	1.15						
40	169	161.87	16.0	68	28	18.0	48	1.70	18.0	1.20	100	550	25	66	3.60	
41	173	165.91	16.0	73	32	18.0	48	2.00	18.0	1.20						
42	177	169.95	16.0	73	32	18.0	48	2.05	18.0	1.25	93	50	25	63	4.00	
43	181	173.98	16.0	73	32	18.0	48	2.10	18.0	1.30						
44	185	178.02	16.0	73	32	18.0	48	2.17	18.0	1.35						
45	189	182.06	16.0	73	32	18.0	48	2.25	18.0	1.40	93	50	25	63	4.60	
48	201	194.18	16.0	73	32	18.0	48	2.45	18.0	1.63	93	50	25	63	5.00	
49	205	198.22	16.0	73	32	18.0	48	2.51	18.0	1.73						
50	209	202.26	16.0	73	32	18.0	48	2.60	18.0	1.80	93	50	25	63	5.50	
51	214	206.30	16.0	73	32	18.0	48	2.65	18.0	1.83					5.60	
52	218	210.34	16.0	73	32	18.0	48	2.72	18.0	1.93						
53	222	214.38	16.0	73	32	18.0	48	2.80	18.0	1.98						
54	226	218.42	16.0	73	32	18.0	48	2.90	18.0	2.00	93	50	25	63	5.80	
60	250	242.66	16.0	73	32	18.0	48	3.40	18.0	2.60	93	50	25	63	6.70	
65	270	262.87	16.0	83	32	18.0	55	4.10	18.0	3.00	93	50	25	63	10.20	
70	290	283.07	16.0	83	32	18.0	55	4.57	18.0	3.50	93	50	25	63	11.50	
72	299	291.16	20.0	83	32	22.0	55	4.80	22.0	3.70						
75	311	303.28	20.0	83	32	22.0	55	5.10	22.0	4.00						
80	331	323.49	20.0	88	35	22.0	60	5.90	22.0	4.60						
85	351	343.69	20.0	88	35	22.0	60	6.50	22.0	5.20						
90	371	363.90	20.0	88	35	22.0	60	7.15	22.0	5.80						

* Plate wheel

JIS SPROCKET



50-1-2

NOTE	mm
Pitch	15.88
Roller Φ	10.16
h	8.70
h1	8.40
h2	26.50

Dimensions: mm

Teeth	OD	P.C.D	Bore:d	Type B Simplex					Type A		Type B Duplex					Material
				Hub		Bore		Weight kg	Bore:d	Weight kg	Hub		Bore		Weight kg	
				BD	BL	Min	Max				BD	BL	Min	Max		
8	48	41.48	11.5	22*	25	13.5	13.5	0.12								C45
9	53	46.42	11.5	34*	25	13.5	18	0.20								
10	58	51.37	14.5	40*	25	16.5	22	0.27	16.5	0.14	35	40	16	20	0.50	
11	64	56.35	14.5	45.5*	25	16.5	28	0.33	16.5	0.17	40	40	16	22	0.50	
12	69	61.34	14.5	50*	25	16.5	30	0.41	16.5	0.20	42	40	16	25	0.62	
13	74	66.34	14.5	51*	25	16.5	32	0.46	16.5	0.23	49	40	16	30	0.75	
14	79	71.34	14.5	52	25	16.5	32	0.52	16.5	0.27	54	40	16	32	0.90	
15	84	76.35	14.5	57	25	16.5	35	0.63	16.5	0.30	59	40	16	38	1.10	
16	89	81.37	14.5	62	25	16.5	40	0.72	16.5	0.35	64	45	16	42	1.40	
17	94	86.39	14.5	67	25	16.5	45	0.83	16.5	0.40	68	45	16	45	1.60	
18	100	91.42	14.5	72	28	16.5	48	1.00	16.5	0.45	74	45	16	48	1.80	
19	105	96.45	14.5	73	28	16.5	48	1.10	16.5	0.48	79	45	16	55	2.10	
20	110	101.48	14.5	73	28	16.5	48	1.20	16.5	0.50	84	45	20	57	2.30	
21	115	106.51	14.5	73	28	16.5	48	1.20	16.5	0.60	89	45	20	60	2.60	
22	120	111.55	16.0	73	28	18	48	1.30	18	0.66	94	50	20	63	3.00	
23	125	116.58	16.0	73	28	18	48	1.30	18	0.72	99	50	20	66	3.50	
24	130	121.62	16.0	73	28	18	48	1.40	18	0.78	105	50	20	70	3.80	
25	135	126.66	16.0	73	28	18	48	1.50	18	0.85	105	50	20	70	4.20	
26	140	131.70	16.0	73	28	18	48	1.50	18	0.90	105	50	20	70	4.50	
27	145	136.74	16.0	73	28	18	48	1.50	18	1.00	105	50	20	70	4.80	
28	150	141.79	16.0	73	28	18	48	1.60	18	1.05	110	50	20	75	5.10	
29	155	146.83	16.0	73	28	18	48	1.70	18	1.12	110	50	20	75	5.50	
30	161	151.87	16.0	73	28	18	48	1.80	18	1.20	120	50	20	80	5.80	
31	166	156.92	16.0	73	28	18	48	1.85	18	1.30	120	50	25	80	5.90	
32	171	161.96	16.0	73	28	18	48	1.90	18	1.35	120	50	25	80	6.00	
33	176	167.01	16.0	73	28	18	48	2.00	18	1.45	120	50	25	80	6.50	
34	181	172.05	16.0	73	28	18	48	2.10	18	1.55	120	50	25	80	6.80	
35	186	177.10	16.0	73	28	18	48	2.20	18	1.65	117	50	25	80	7.00	
36	191	182.14	16.0	83	35	18	55	2.85	18	1.75	117	50	25	80	7.00	
37	196	187.19	16.0	83	35	18	55	2.95	18	1.85						
38	201	192.24	16.0	83	35	18	55	3.00	18	1.95	117	50	25	80	8.00	
39	206	197.29	16.0	83	35	18	55	3.15	18	2.05						
40	211	202.33	16.0	83	35	18	55	3.25	18	2.15	117	56	25	80	9.00	
41	216	207.38	16.0	83	35	18	55	3.40	18	2.25						
42	221	212.43	16.0	83	35	18	55	3.50	18	2.40	98	56	25	66	7.00	
44	231	222.53	16.0	83	35	18	55	3.70	18	2.60						
45	237	227.58	16.0	83	35	18	55	3.85	18	2.70	98	56	25	66	7.30	
48	252	242.73	16.0	83	35	18	55	4.20	18	3.10	98	56	25	66	8.00	
49	257	247.78	16.0	83	35	18	55	4.35	18	3.27						
50	262	252.83	16.0	83	35	18	55	4.50	18	3.40	98	56	25	66	9.00	
54	282	273.02	16.0	83	35	18	55	5.05	18	3.95	98	63	25	66	9.90	
60	312	303.33	16.0	83	35	18	55	6.00	18	4.90	98	63	25	66	11.70	
64	333	323.53	20.0							5.60						
65	338	328.58	20.0	93	40	22	63	7.40	22	5.75	98	63	25	66	13.00	
68	353	343.74	20.0	93	40	22	63	7.94	22	6.32						
70	363	353.84	20.0	93	40	22	63	8.30	22	6.70	98	63	25	66	15.00	
72	373	363.94	20.0						22	7.05						
75	388	379.10	20.0	93	40	22	63	9.35	22	7.70						
80	414	404.36	20.0	98	45	22	66	10.50	22	8.70						
85	439	429.62	20.0	98	45	22	66	12.00								
90	464	454.88	20.0	98	45	22	66	13.20	22	11.00						

* Plate wheel