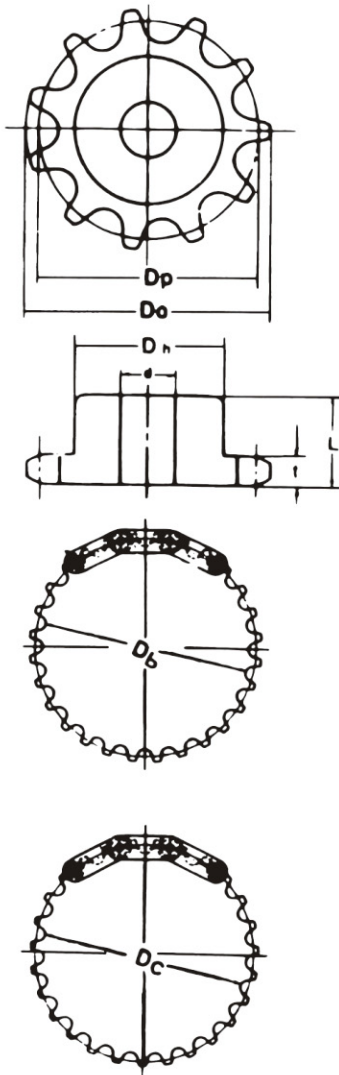


### ● Double Pitch Roller Chain Sprockets

The type sprockets are double - cut double - pitch sprockets.

The number of teeth of the sprocket is determined so that the chain meshes with one of every two teeth of sprocket per turn of the sprocket. This number of teeth is termed "number of working teeth."

In case of odd number of teeth, each tooth of the sprocket meshes with the chain per two turns of the sprocket, thus extending service life of the sprocket.



Even number of teeth  
Effective teeth 14  
Actyak teeth 28

Odd number of teeth  
Effective teeth 13  
Actyak teeth 27

- NOTE: 1. Bottom diameter for even number of teeth,  
Caliper diameter for odd number of teeth.  
2. SHADED ZONE is hardened teeth stock sprockets.  
3. P: Chain Pitch. b1: Distance between inside links. Dr: Roller diameter.

2040 (t=7.2) P=25.4 b1=7.85 Dr=7.95

Dimension:mm

No. of Teeth	No. of working Teeth	Pitch Dia. Dp	Outside Dia. Do	Caliper Dia. Db or Dc	Bore : d		Hub		Approx. WT. (kg)
					Min.	Max.	Dh	L	
15	7½	62.45	67	54.16					
17	8½	70.31	76	62.06					
18	9	74.26	80	66.31					
19	9½	78.23	84	70.01	12.7	30	50	30	0.59
20	10	82.20	88	74.25	12.7	35	56	40	0.90
21	10½	86.17	92	77.98	12.7	35	56	40	0.93
22	11	90.16	96	82.21	12.7	35	56	40	0.96
23	11½	94.15	100	85.98	12.7	35	56	40	0.99
24	12	98.14	104	90.19	12.7	35	56	40	1.02
25	12½	102.14	108	93.98	12.7	35	56	40	1.06
26	13	106.14	112	98.19	12.7	35	56	40	1.10
27	13½	110.14	116	102.00	12.7	35	56	40	1.13
28	14	114.15	120	106.20	12.7	35	56	40	1.17
29	14½	118.16	124	110.03	12.7	35	56	40	1.21

2050 (t=8.7) P=31.75 b1=9.40 Dr=10.16

15	7½	78.06	84	67.47					
17	8½	87.89	94	77.36					
18	9	92.83	100	82.67					
19	9½	97.78	105	87.29	12.7	42	65	40	1.29
20	10	102.75	110	92.59	19.1	46	70	45	1.56
21	10½	107.72	115	97.26	19.1	46	70	45	1.62
22	11	112.70	120	102.54	19.1	46	70	45	1.68
23	11½	117.68	125	107.25	19.1	46	70	45	1.74
24	12	122.67	130	112.51	19.1	46	70	45	1.80
25	12½	127.67	135	117.26	19.1	46	70	45	1.87
26	13	132.67	140	122.51	19.1	46	70	45	1.94
27	13½	137.67	145	127.28	19.1	46	70	45	2.01
28	14	142.68	150	132.52	19.1	46	70	45	2.09
29	14½	147.69	155	137.32	19.1	46	70	45	2.16

2060 (t=11.7) P=38.10 b1=12.57 Dr=11.91

15	7½	93.67	101	81.25					
17	8½	105.47	113	93.11					
18	9	111.40	119	99.49					
19	9½	117.34	126	105.03	19.1	46	70	40	1.76
20	10	123.30	132	111.39	19.1	52	80	45	2.31
21	10½	129.26	138	116.99	19.1	52	80	45	2.42
22	11	135.24	144	123.33	19.1	52	80	45	2.53
23	11½	141.22	150	128.98	19.1	52	80	45	2.65
24	12	147.21	156	135.30	19.1	52	80	45	2.78
25	12½	153.20	162	140.99	19.1	52	80	45	2.91
26	13	159.20	168	147.29	19.1	52	80	45	3.04
27	13½	165.21	174	153.02	19.1	52	80	45	3.18
28	14	171.22	181	159.31	19.1	52	85	45	3.50
29	14½	177.23	187	165.06	19.1	52	85	45	3.65

2080 (t=14.6) P=50.80 b1=15.75 Dr=15.88

15	7½	124.90	135	108.33					
17	8½	140.62	151	124.15					
18	9	148.53	159	132.65					
19	9½	156.45	167	140.04	25.4	60	90	50	3.77
20	10	164.39	176	148.51	25.4	60	90	60	4.46
21	10½	172.34	184	155.99	25.4	60	90	60	4.70
22	11	180.31	192	164.43	25	60	92	59	5.02
23	11½	188.29	200	171.97	25	60	92	59	5.28
24	12	196.28	208	180.40	25	60	92	59	5.56
25	12½	204.27	216	187.90	25	60	92	59	5.85
26	13	212.27	224	196.39	25	60	92	59	6.15
27	13½	220.28	233	204.03	25	60	92	59	6.46
28	14	228.30	241	212.42	25	60	92	59	6.78
29	14½	236.31	249	220.09	25	60	92	59	7.12