

**COULISSE** Product Reference

























# Sprockets

2015

Technical Engineering Department

Research & Development Department

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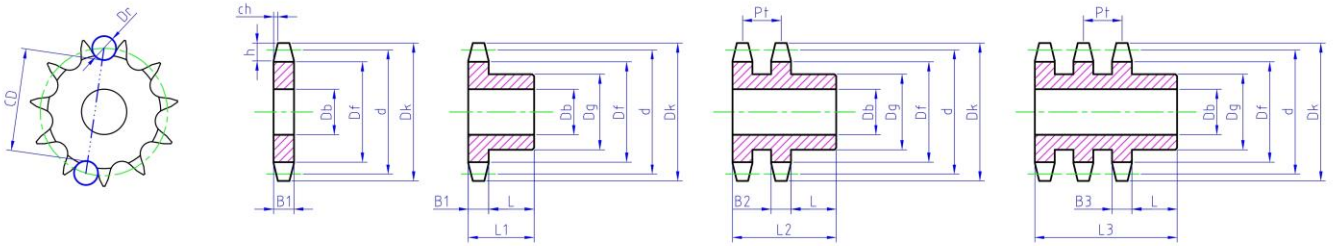
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## Introduction;

This catalogue has been prepared generally for customers, designers, and students. Users should note that the productions of **COULISSE** Company are not limited to those mentioned in this catalogue. **COULISSE** Company is ready to manufacture any kind of gear and sprocket based on your needs and inquiries. **COULISSE** is looking forward to having any kind of technical and commercial cooperation with you. Please keep in touch with us.

Behrouz Mohammadpour  
Technical Engineering Manager

**Table of Sprocket 25; (ASME/ANSI B29.1M)**



<h1>25</h1>	Item		Symbol	mm		
	Pitch		P	6.35		
	Roller Diameter		Dr	3.3		
	Tooth Width (Single)		B1	2.8		
	Tooth Width (Duplex)		B2	2.7		
	Tooth Width (Triplex)		B3	2.7		
	Transverse Pitch of Strands		Pt	6.4		
	Tooth Side Relief		ch	0.8		
	Tooth Side Relief high		h	3.2		
	Length through (Single)		L1	=d+B1		
Length through (Duplex)		L2	=d+pt+B2			
Length through (Triplex)		L3	=d+(2xpt)+B3			
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

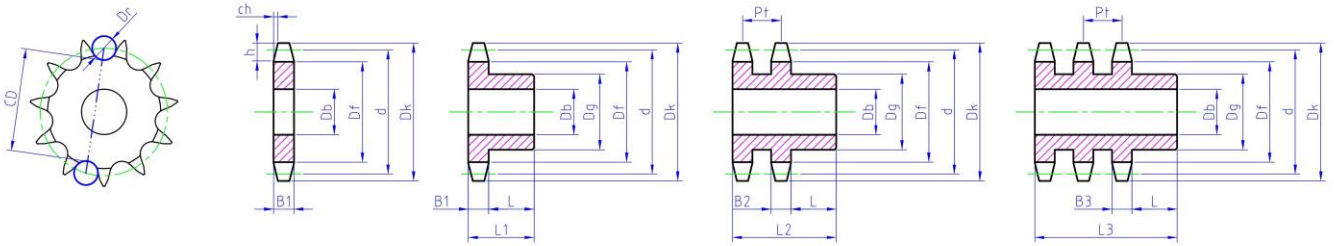
Z	d	Df	CD	Dk	Dg	Db/L
10	20.5	17.2	17.2	23	13	8
11	22.5	19.2	19.0	25	15	8
12	24.5	21.2	21.2	28	17	8
13	26.5	23.2	23.0	30	19	8
14	28.5	25.2	25.2	32	21	8
15	30.5	27.2	27.1	34	23	8
16	32.5	29.2	29.2	36	25	8
17	34.6	31.3	31.1	38	27	8
18	36.6	33.3	33.3	40	29	8
19	38.6	35.3	35.1	42	31	8
20	40.6	37.3	37.3	44	33	8
21	42.6	39.3	39.2	46	35	8
22	44.6	41.3	41.3	48	37	8
23	46.6	43.3	43.2	50	39	8
24	48.6	45.3	45.3	52	41	8
25	50.7	47.4	47.3	54	43	8
26	52.7	49.4	49.4	56	45	10
27	54.7	51.4	51.3	58	47	10
28	56.7	53.4	53.4	60	49	10
29	58.7	55.4	55.3	62	52	10
30	60.7	57.4	57.4	64	54	10
31	62.8	59.5	59.4	66	56	10
32	64.8	61.5	61.5	68	58	10

33	66.8	63.5	63.4	70	60	10
34	68.8	65.5	65.5	72	62	10
35	70.8	67.5	67.5	74	64	10
36	72.9	69.6	69.6	76	66	10
37	74.9	71.6	71.5	78	68	10
38	76.9	73.6	73.6	80	70	10
39	78.9	75.6	75.6	82	72	10
40	80.9	77.6	77.6	84	74	10
41	83.0	79.7	79.6	87	76	12
42	85.0	81.7	81.7	89	78	12
43	87.0	83.7	83.6	91	80	12
44	89.0	85.7	85.7	93	82	12
45	91.0	87.7	87.7	95	84	12
46	93.1	89.8	89.8	97	86	12
47	95.1	91.8	91.7	99	88	12
48	97.1	93.8	93.8	101	90	12
49	99.1	95.8	95.8	103	92	12
50	101.1	97.8	97.8	105	94	12
51	103.1	99.8	99.8	107	96	12
52	105.2	101.9	101.9	109	98	12
53	107.2	103.9	103.8	111	100	12
54	109.2	105.9	105.9	113	102	15
55	111.2	107.9	107.9	115	104	15
56	113.3	110.0	110.0	117	106	15
57	115.3	112.0	111.9	119	108	15
58	117.3	114.0	114.0	121	110	15
59	119.3	116.0	116.0	123	112	15
60	121.3	118.0	118.0	125	114	15
61	123.4	120.1	120.0	127	116	15
62	125.4	122.1	122.1	129	118	15
63	127.4	124.1	124.1	131	120	15
64	129.4	126.1	126.1	133	122	15
65	131.4	128.1	128.1	135	124	15
66	133.5	130.2	130.2	137	126	15
67	135.5	132.2	132.1	139	128	15
68	137.5	134.2	134.2	141	130	15
69	139.5	136.2	136.2	143	132	15
70	141.5	138.2	138.2	145	135	15
71	143.6	140.3	140.2	147	137	15
72	145.6	142.3	142.3	149	139	15
73	147.6	144.3	144.3	151	141	15
74	149.6	146.3	146.3	153	143	15
75	151.6	148.3	148.3	155	145	15
76	153.7	150.4	150.4	157	147	15
77	155.7	152.4	152.3	159	149	15
78	157.7	154.4	154.4	161	151	15

79	159.7	156.4	156.4	163	153	15
80	161.7	158.4	158.4	165	155	15
81	163.8	160.5	160.4	167	157	15
82	165.8	162.5	162.5	169	159	15
83	167.8	164.5	164.5	171	161	15
84	169.8	166.5	166.5	174	163	20
85	171.8	168.5	168.5	176	165	20
86	173.9	170.6	170.6	178	167	20
87	175.9	172.6	172.6	180	169	20
88	177.9	174.6	174.6	182	171	20
89	179.9	176.6	176.6	184	173	20
90	182.0	178.7	178.7	186	175	20
91	184.0	180.7	180.6	188	177	20
92	186.0	182.7	182.7	190	179	20
93	188.0	184.7	184.7	192	181	20
94	190.0	186.7	186.7	194	183	20
95	192.1	188.8	188.7	196	185	20
96	194.1	190.8	190.8	198	187	20
97	196.1	192.8	192.8	200	189	20
98	198.1	194.8	194.8	202	191	20
99	200.1	196.8	196.8	204	193	20
100	202.2	198.9	198.9	206	195	20
101	204.2	200.9	200.9	208	197	20
102	206.2	202.9	202.9	210	199	20
103	208.2	204.9	204.9	212	201	20
104	210.2	206.9	206.9	214	203	20
105	212.3	209.0	208.9	216	205	20
106	214.3	211.0	211.0	218	207	20
107	216.3	213.0	213.0	220	209	20
108	218.3	215.0	215.0	222	211	20
109	220.3	217.0	217.0	224	213	20
110	222.4	219.1	219.1	226	215	20
111	224.4	221.1	221.1	228	217	20
112	226.4	223.1	223.1	230	219	20
113	228.4	225.1	225.1	232	221	20
114	230.5	227.2	227.2	234	223	20
115	232.5	229.2	229.2	236	226	20
116	234.5	231.2	231.2	238	228	20
117	236.5	233.2	233.2	240	230	20
118	238.5	235.2	235.2	242	232	20
119	240.6	237.3	237.2	244	234	20
120	242.6	239.3	239.3	246	236	20
121	244.6	241.3	241.3	248	238	20
122	246.6	243.3	243.3	250	240	20
123	248.6	245.3	245.3	252	242	20
124	250.7	247.4	247.4	254	244	20

125	252.7	249.4	249.4	256	246	20
126	254.7	251.4	251.4	258	248	20
127	256.7	253.4	253.4	260	250	20
128	258.7	255.4	255.4	262	252	20
129	260.8	257.5	257.4	265	254	20
130	262.8	259.5	259.5	267	256	20
131	264.8	261.5	261.5	269	258	20
132	266.8	263.5	263.5	271	260	20
133	268.9	265.6	265.5	273	262	20
134	270.9	267.6	267.6	275	264	20
135	272.9	269.6	269.6	277	266	20
136	274.9	271.6	271.6	279	268	20
137	276.9	273.6	273.6	281	270	20
138	279.0	275.7	275.7	283	272	20
139	281.0	277.7	277.7	285	274	20
140	283.0	279.7	279.7	287	276	20
141	285.0	281.7	281.7	289	278	20
142	287.0	283.7	283.7	291	280	20
143	289.1	285.8	285.7	293	282	20
144	291.1	287.8	287.8	295	284	20
145	293.1	289.8	289.8	297	286	20
146	295.1	291.8	291.8	299	288	20
147	297.1	293.8	293.8	301	290	20
148	299.2	295.9	295.9	303	292	20
149	301.2	297.9	297.9	305	294	20
150	303.2	299.9	299.9	307	296	20

**Table of Sprocket 35; (ASME/ANSI B29.1M)**



<h1>35</h1>	Item		Symbol		mm	
	Pitch		P		9.525	
	Roller Diameter		Dr		5.08	
	Tooth Width (Single)		B1		4.3	
	Tooth Width (Duplex)		B2		4.1	
	Tooth Width (Triplex)		B3		4.1	
	Transverse Pitch of Strands		Pt		10.13	
	Tooth Side Relief		ch		1.2	
	Tooth Side Relief high		h		4.8	
	Length through (Single)		L1		=d+B1	
Length through (Duplex)		L2		=d+pt+B2		
Length through (Triplex)		L3		=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	30.8	25.7	25.7	35	19	12
11	33.8	28.7	28.4	38	22	12
12	36.8	31.7	31.7	41	25	12
13	39.8	34.7	34.4	44	29	15
14	42.8	37.7	37.7	47	32	15
15	45.8	40.7	40.5	51	35	15
16	48.8	43.7	43.7	54	38	15
17	51.8	46.7	46.5	57	41	15
18	54.8	49.7	49.7	60	44	15
19	57.8	52.8	52.6	63	47	15
20	60.9	55.8	55.8	66	50	15
21	63.9	58.8	58.6	69	53	20
22	66.9	61.8	61.8	72	56	20
23	69.9	64.8	64.7	75	59	20
24	72.9	67.9	67.9	78	62	20
25	76.0	70.9	70.7	81	65	20
26	79.0	73.9	73.9	84	68	20
27	82.0	76.9	76.8	87	71	20
28	85.0	79.9	79.9	90	74	20
29	88.1	83.0	82.8	93	77	20
30	91.1	86.0	86.0	96	81	20
31	94.1	89.0	88.9	99	84	20
32	97.1	92.0	92.0	102	87	20

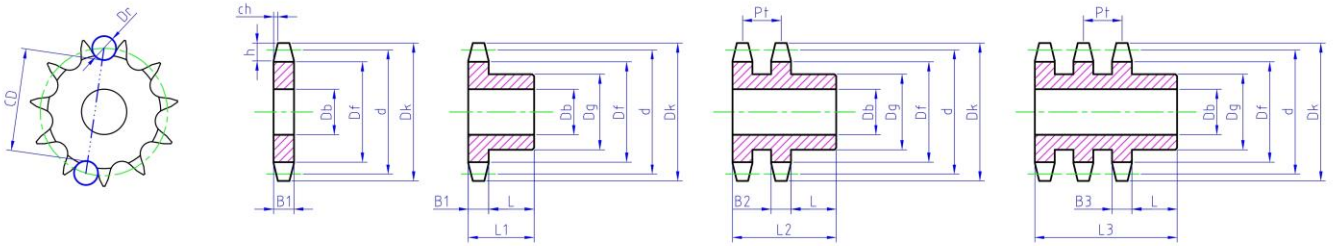


33	100.2	95.1	95.0	105	90	20
34	103.2	98.1	98.1	108	93	20
35	106.2	101.1	101.0	111	96	20
36	109.2	104.1	104.1	115	99	20
37	112.3	107.2	107.1	118	102	20
38	115.3	110.2	110.2	121	105	20
39	118.3	113.2	113.1	124	108	20
40	121.3	116.3	116.3	127	111	25
41	124.4	119.3	119.2	130	114	25
42	127.4	122.3	122.3	133	117	25
43	130.4	125.3	125.3	136	120	25
44	133.4	128.4	128.4	139	123	25
45	136.5	131.4	131.3	142	126	25
46	139.5	134.4	134.4	145	129	25
47	142.5	137.5	137.4	148	132	25
48	145.6	140.5	140.5	151	135	25
49	148.6	143.5	143.4	154	138	25
50	151.6	146.5	146.5	157	141	25
51	154.6	149.6	149.5	160	144	25
52	157.7	152.6	152.6	163	147	25
53	160.7	155.6	155.5	166	150	25
54	163.7	158.6	158.6	169	153	25
55	166.8	161.7	161.6	172	156	25
56	169.8	164.7	164.7	175	159	25
57	172.8	167.7	167.7	178	163	25
58	175.8	170.8	170.8	181	166	25
59	178.9	173.8	173.7	184	169	25
60	181.9	176.8	176.8	187	172	25
61	184.9	179.9	179.8	190	175	25
62	188.0	182.9	182.9	193	178	25
63	191.0	185.9	185.8	196	181	25
64	194.0	188.9	188.9	199	184	25
65	197.0	192.0	191.9	203	187	25
66	200.1	195.0	195.0	206	190	25
67	203.1	198.0	198.0	209	193	25
68	206.1	201.1	201.1	212	196	25
69	209.2	204.1	204.0	215	199	25
70	212.2	207.1	207.1	218	202	25
71	215.2	210.1	210.1	221	205	25
72	218.3	213.2	213.2	224	208	25
73	221.3	216.2	216.1	227	211	25
74	224.3	219.2	219.2	230	214	25
75	227.3	222.3	222.2	233	217	25
76	230.4	225.3	225.3	236	220	25
77	233.4	228.3	228.3	239	223	25
78	236.4	231.3	231.3	242	226	25

79	239.5	234.4	234.3	245	229	25
80	242.5	237.4	237.4	248	232	25
81	245.5	240.4	240.4	251	235	25
82	248.5	243.5	243.5	254	238	25
83	251.6	246.5	246.5	257	241	25
84	254.6	249.5	249.5	260	244	25
85	257.6	252.6	252.5	263	247	25
86	260.7	255.6	255.6	266	250	25
87	263.7	258.6	258.6	269	253	25
88	266.7	261.6	261.6	272	257	25
89	269.8	264.7	264.6	275	260	25
90	272.8	267.7	267.7	278	263	25
91	275.8	270.7	270.7	281	266	25
92	278.8	273.8	273.8	284	269	25
93	281.9	276.8	276.8	287	272	25
94	284.9	279.8	279.8	290	275	25
95	287.9	282.9	282.8	293	278	25
96	291.0	285.9	285.9	297	281	25
97	294.0	288.9	288.9	300	284	25
98	297.0	291.9	291.9	303	287	25
99	300.1	295.0	294.9	306	290	25
100	303.1	298.0	298.0	309	293	25
101	306.1	301.0	301.0	312	296	25
102	309.1	304.1	304.1	315	299	25
103	312.2	307.1	307.1	318	302	25
104	315.2	310.1	310.1	321	305	25
105	318.2	313.2	313.1	324	308	25
106	321.3	316.2	316.2	327	311	25
107	324.3	319.2	319.2	330	314	25
108	327.3	322.2	322.2	333	317	25
109	330.3	325.3	325.2	336	320	25
110	333.4	328.3	328.3	339	323	25
111	336.4	331.3	331.3	342	326	25
112	339.4	334.4	334.4	345	329	25
113	342.5	337.4	337.4	348	332	25
114	345.5	340.4	340.4	351	335	25
115	348.5	343.4	343.4	354	338	25
116	351.6	346.5	346.5	357	341	25
117	354.6	349.5	349.5	360	344	25
118	357.6	352.5	352.5	363	347	25
119	360.6	355.6	355.5	366	350	25
120	363.7	358.6	358.6	369	354	25
121	366.7	361.6	361.6	372	357	25
122	369.7	364.7	364.7	375	360	25
123	372.8	367.7	367.7	378	363	25
124	375.8	370.7	370.7	381	366	25

125	378.8	373.7	373.7	384	369	25
126	381.9	376.8	376.8	387	372	25
127	384.9	379.8	379.8	390	375	25
128	387.9	382.8	382.8	394	378	25
129	390.9	385.9	385.8	397	381	25
130	394.0	388.9	388.9	400	384	25
131	397.0	391.9	391.9	403	387	25
132	400.0	395.0	395.0	406	390	25
133	403.1	398.0	398.0	409	393	25
134	406.1	401.0	401.0	412	396	25
135	409.1	404.0	404.0	415	399	25
136	412.2	407.1	407.1	418	402	25
137	415.2	410.1	410.1	421	405	25
138	418.2	413.1	413.1	424	408	25
139	421.2	416.2	416.1	427	411	25
140	424.3	419.2	419.2	430	414	25
141	427.3	422.2	422.2	433	417	25
142	430.3	425.3	425.3	436	420	25
143	433.4	428.3	428.3	439	423	25
144	436.4	431.3	431.3	442	426	25
145	439.4	434.3	434.3	445	429	25
146	442.5	437.4	437.4	448	432	25
147	445.5	440.4	440.4	451	435	25
148	448.5	443.4	443.4	454	438	25
149	451.5	446.5	446.4	457	441	25
150	454.6	449.5	449.5	460	444	25

**Table of Sprocket 40; (ASME/ANSI B29.1M)**



<b>40</b>	Item		Symbol		mm	
	Pitch		P		12.7	
	Roller Diameter		Dr		7.92	
	Tooth Width (Single)		B1		7.2	
	Tooth Width (Duplex)		B2		7.0	
	Tooth Width (Triplex)		B3		7.0	
	Transverse Pitch of Strands		Pt		14.38	
	Tooth Side Relief		ch		1.6	
	Tooth Side Relief high		h		6.4	
	Length through (Single)		L1		=d+B1	
	Length through (Duplex)		L2		=d+pt+B2	
Length through (Triplex)		L3		=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

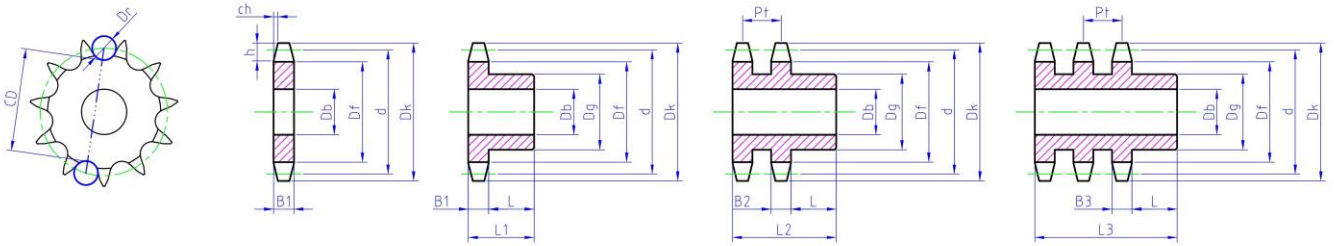
Z	d	Df	CD	Dk	Dg	Db/L
10	41.1	33.2	33.2	47	26	12
11	45.1	37.2	36.7	51	30	15
12	49.1	41.1	41.1	55	34	15
13	53.1	45.1	44.8	59	38	15
14	57.1	49.2	49.2	63	42	15
15	61.1	53.2	52.8	67	47	20
16	65.1	57.2	57.2	71	51	20
17	69.1	61.2	60.9	76	55	20
18	73.1	65.2	65.2	80	59	20
19	77.2	69.2	69.0	84	63	20
20	81.2	73.3	73.3	88	67	20
21	85.2	77.3	77.1	92	71	20
22	89.2	81.3	81.3	96	75	20
23	93.3	85.3	85.1	100	79	20
24	97.3	89.4	89.4	104	83	20
25	101.3	93.4	93.2	108	87	25
26	105.4	97.4	97.4	112	91	25
27	109.4	101.5	101.3	116	95	25
28	113.4	105.5	105.5	120	99	25
29	117.5	109.5	109.4	124	104	25
30	121.5	113.6	113.6	128	108	25
31	125.5	117.6	117.5	133	112	25
32	129.6	121.6	121.6	137	116	25

33	133.6	125.7	125.5	141	120	25
34	137.6	129.7	129.7	145	124	25
35	141.7	133.8	133.6	149	128	25
36	145.7	137.8	137.8	153	132	25
37	149.8	141.8	141.7	157	136	25
38	153.8	145.9	145.9	161	140	25
39	157.8	149.9	149.8	165	144	25
40	161.9	153.9	153.9	169	148	25
41	165.9	158.0	157.9	173	152	25
42	169.9	162.0	162.0	177	156	25
43	174.0	166.1	165.9	181	160	25
44	178.0	170.1	170.1	185	164	25
45	182.1	174.1	174.0	189	168	25
46	186.1	178.2	178.2	193	172	25
47	190.1	182.2	182.1	197	176	25
48	194.2	186.3	186.3	201	181	25
49	198.2	190.3	190.2	205	185	25
50	202.3	194.3	194.3	209	189	25
51	206.3	198.4	198.3	214	193	25
52	210.3	202.4	202.4	218	197	25
53	214.4	206.5	206.4	222	201	25
54	218.4	210.5	210.5	226	205	25
55	222.5	214.5	214.4	230	209	25
56	226.5	218.6	218.6	234	213	25
57	230.5	222.6	222.5	238	217	25
58	234.6	226.7	226.7	242	221	25
59	238.6	230.7	230.6	246	225	25
60	242.7	234.7	234.7	250	229	25
61	246.7	238.8	238.7	254	233	25
62	250.7	242.8	242.8	258	237	25
63	254.8	246.9	246.8	262	241	25
64	258.8	250.9	250.9	266	245	25
65	262.9	254.9	254.9	270	249	25
66	266.9	259.0	259.0	274	253	25
67	270.9	263.0	263.0	278	257	25
68	275.0	267.1	267.1	282	261	25
69	279.0	271.1	271.0	286	266	25
70	283.1	275.2	275.2	290	270	25
71	287.1	279.2	279.1	294	274	25
72	291.2	283.2	283.2	298	278	25
73	295.2	287.3	287.2	303	282	25
74	299.2	291.3	291.3	307	286	25
75	303.3	295.4	295.3	311	290	25
76	307.3	299.4	299.4	315	294	25
77	311.4	303.4	303.4	319	298	25
78	315.4	307.5	307.5	323	302	25

79	319.4	311.5	311.5	327	306	25
80	323.5	315.6	315.6	331	310	25
81	327.5	319.6	319.5	335	314	25
82	331.6	323.6	323.6	339	318	25
83	335.6	327.7	327.6	343	322	25
84	339.7	331.7	331.7	347	326	25
85	343.7	335.8	335.7	351	330	25
86	347.7	339.8	339.8	355	334	25
87	351.8	343.9	343.8	359	338	25
88	355.8	347.9	347.9	363	342	25
89	359.9	351.9	351.9	367	346	25
90	363.9	356.0	356.0	371	350	25
91	367.9	360.0	360.0	375	354	25
92	372.0	364.1	364.1	379	359	25
93	376.0	368.1	368.1	383	363	25
94	380.1	372.1	372.1	387	367	25
95	384.1	376.2	376.1	392	371	25
96	388.2	380.2	380.2	396	375	25
97	392.2	384.3	384.2	400	379	25
98	396.2	388.3	388.3	404	383	25
99	400.3	392.4	392.3	408	387	25
100	404.3	396.4	396.4	412	391	25
101	408.4	400.4	400.4	416	395	25
102	412.4	404.5	404.5	420	399	25
103	416.4	408.5	408.5	424	403	25
104	420.5	412.6	412.6	428	407	25
105	424.5	416.6	416.6	432	411	25
106	428.6	420.7	420.7	436	415	25
107	432.6	424.7	424.6	440	419	25
108	436.7	428.7	428.7	444	423	25
109	440.7	432.8	432.7	448	427	25
110	444.7	436.8	436.8	452	431	25
111	448.8	440.9	440.8	456	435	25
112	452.8	444.9	444.9	460	439	25
113	456.9	448.9	448.9	464	443	25
114	460.9	453.0	453.0	468	448	25
115	464.9	457.0	457.0	472	452	25
116	469.0	461.1	461.1	476	456	25
117	473.0	465.1	465.1	480	460	25
118	477.1	469.2	469.2	485	464	25
119	481.1	473.2	473.2	489	468	25
120	485.2	477.2	477.2	493	472	25
121	489.2	481.3	481.2	497	476	25
122	493.2	485.3	485.3	501	480	25
123	497.3	489.4	489.3	505	484	25
124	501.3	493.4	493.4	509	488	25

125	505.4	497.5	497.4	513	492	25
126	509.4	501.5	501.5	517	496	25
127	513.5	505.5	505.5	521	500	25
128	517.5	509.6	509.6	525	504	25
129	521.5	513.6	513.6	529	508	25
130	525.6	517.7	517.7	533	512	25
131	529.6	521.7	521.7	537	516	25
132	533.7	525.7	525.7	541	520	25
133	537.7	529.8	529.7	545	524	25
134	541.7	533.8	533.8	549	528	25
135	545.8	537.9	537.8	553	532	25
136	549.8	541.9	541.9	557	536	25
137	553.9	546.0	545.9	561	541	25
138	557.9	550.0	550.0	565	545	25
139	562.0	554.0	554.0	569	549	25
140	566.0	558.1	558.1	573	553	25
141	570.0	562.1	562.1	578	557	25
142	574.1	566.2	566.2	582	561	25
143	578.1	570.2	570.2	586	565	25
144	582.2	574.3	574.3	590	569	25
145	586.2	578.3	578.3	594	573	25
146	590.3	582.3	582.3	598	577	25
147	594.3	586.4	586.3	602	581	25
148	598.3	590.4	590.4	606	585	25
149	602.4	594.5	594.4	610	589	25
150	606.4	598.5	598.5	614	593	25

**Table of Sprocket 50; (ASME/ANSI B29.1M)**



<h1>50</h1>	Item		Symbol		mm	
	Pitch		P		15.88	
	Roller Diameter		Dr		10.16	
	Tooth Width (Single)		B1		8.7	
	Tooth Width (Duplex)		B2		8.4	
	Tooth Width (Triplex)		B3		8.4	
	Transverse Pitch of Strands		Pt		18.11	
	Tooth Side Relief		ch		2.0	
	Tooth Side Relief high		h		7.9	
	Length through (Single)		L1		=d+B1	
	Length through (Duplex)		L2		=d+pt+B2	
Length through (Triplex)		L3		=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	51.4	41.2	41.2	58	32	15
11	56.4	46.2	45.6	64	38	20
12	61.4	51.2	51.2	69	43	20
13	66.4	56.2	55.7	74	48	20
14	71.4	61.2	61.2	79	53	20
15	76.4	66.2	65.8	84	58	20
16	81.4	71.2	71.2	89	63	20
17	86.4	76.3	75.9	94	69	20
18	91.4	81.3	81.3	100	74	20
19	96.5	86.3	86.0	105	79	20
20	101.5	91.4	91.4	110	84	20
21	106.5	96.4	96.1	115	89	25
22	111.6	101.4	101.4	120	94	25
23	116.6	106.5	106.2	125	99	25
24	121.7	111.5	111.5	130	104	25
25	126.7	116.5	116.3	135	109	25
26	131.7	121.6	121.6	140	114	25
27	136.8	126.6	126.4	145	119	25
28	141.8	131.7	131.7	150	125	25
29	146.9	136.7	136.5	156	130	25
30	151.9	141.8	141.8	161	135	25
31	157.0	146.8	146.6	166	140	25
32	162.0	151.9	151.9	171	145	25

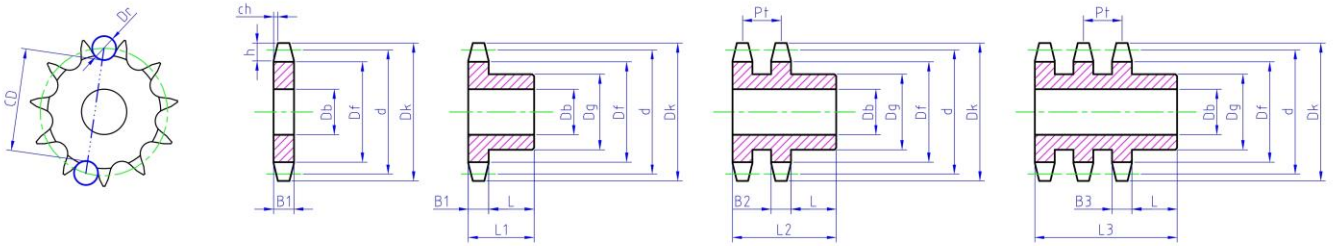


33	167.1	156.9	156.7	176	150	25
34	172.1	161.9	161.9	181	155	25
35	177.2	167.0	166.8	186	160	25
36	182.2	172.0	172.0	191	165	25
37	187.3	177.1	176.9	196	170	25
38	192.3	182.1	182.1	201	175	25
39	197.3	187.2	187.0	206	180	25
40	202.4	192.2	192.2	211	185	25
41	207.4	197.3	197.1	216	190	25
42	212.5	202.3	202.3	221	195	25
43	217.5	207.4	207.2	226	201	25
44	222.6	212.4	212.4	232	206	25
45	227.6	217.5	217.4	237	211	25
46	232.7	222.5	222.5	242	216	25
47	237.8	227.6	227.5	247	221	25
48	242.8	232.6	232.6	252	226	25
49	247.9	237.7	237.6	257	231	25
50	252.9	242.7	242.7	262	236	25
51	258.0	247.8	247.7	267	241	25
52	263.0	252.8	252.8	272	246	25
53	268.1	257.9	257.8	277	251	25
54	273.1	263.0	263.0	282	256	25
55	278.2	268.0	267.9	287	261	25
56	283.2	273.1	273.1	292	266	25
57	288.3	278.1	278.0	297	271	25
58	293.3	283.2	283.2	302	276	25
59	298.4	288.2	288.1	307	282	25
60	303.4	293.3	293.3	313	287	25
61	308.5	298.3	298.2	318	292	25
62	313.5	303.4	303.4	323	297	25
63	318.6	308.4	308.3	328	302	25
64	323.6	313.5	313.5	333	307	25
65	328.7	318.5	318.4	338	312	25
66	333.7	323.6	323.6	343	317	25
67	338.8	328.6	328.5	348	322	25
68	343.8	333.7	333.7	353	327	25
69	348.9	338.7	338.6	358	332	25
70	354.0	343.8	343.8	363	337	25
71	359.0	348.8	348.8	368	342	25
72	364.1	353.9	353.9	373	347	25
73	369.1	359.0	358.9	378	352	25
74	374.2	364.0	364.0	383	357	25
75	379.2	369.1	369.0	388	362	25
76	384.3	374.1	374.1	393	368	25
77	389.3	379.2	379.1	399	373	25
78	394.4	384.2	384.2	404	378	25

79	399.4	389.3	389.2	409	383	25
80	404.5	394.3	394.3	414	388	25
81	409.5	399.4	399.3	419	393	25
82	414.6	404.4	404.4	424	398	25
83	419.6	409.5	409.4	429	403	25
84	424.7	414.5	414.5	434	408	25
85	429.8	419.6	419.5	439	413	25
86	434.8	424.6	424.6	444	418	25
87	439.9	429.7	429.6	449	423	25
88	444.9	434.8	434.8	454	428	25
89	450.0	439.8	439.7	459	433	25
90	455.0	444.9	444.9	464	438	25
91	460.1	449.9	449.8	469	443	25
92	465.1	455.0	455.0	474	448	25
93	470.2	460.0	460.0	479	454	25
94	475.2	465.1	465.1	484	459	25
95	480.3	470.1	470.1	490	464	25
96	485.3	475.2	475.2	495	469	25
97	490.4	480.2	480.2	500	474	25
98	495.5	485.3	485.3	505	479	25
99	500.5	490.3	490.3	510	484	25
100	505.6	495.4	495.4	515	489	25
101	510.6	500.5	500.4	520	494	25
102	515.7	505.5	505.5	525	499	25
103	520.7	510.6	510.5	530	504	25
104	525.8	515.6	515.6	535	509	25
105	530.8	520.7	520.6	540	514	25
106	535.9	525.7	525.7	545	519	25
107	540.9	530.8	530.7	550	524	25
108	546.0	535.8	535.8	555	529	25
109	551.0	540.9	540.8	560	534	25
110	556.1	545.9	545.9	565	539	25
111	561.2	551.0	550.9	570	545	25
112	566.2	556.0	556.0	576	550	25
113	571.3	561.1	561.0	581	555	25
114	576.3	566.2	566.2	586	560	25
115	581.4	571.2	571.2	591	565	25
116	586.4	576.3	576.3	596	570	25
117	591.5	581.3	581.3	601	575	25
118	596.5	586.4	586.4	606	580	25
119	601.6	591.4	591.4	611	585	25
120	606.6	596.5	596.5	616	590	25
121	611.7	601.5	601.5	621	595	25
122	616.7	606.6	606.6	626	600	25
123	621.8	611.6	611.6	631	605	25
124	626.9	616.7	616.7	636	610	25

125	631.9	621.8	621.7	641	615	25
126	637.0	626.8	626.8	646	620	25
127	642.0	631.9	631.8	651	625	25
128	647.1	636.9	636.9	656	630	25
129	652.1	642.0	641.9	661	636	25
130	657.2	647.0	647.0	667	641	25
131	662.2	652.1	652.0	672	646	25
132	667.3	657.1	657.1	677	651	25
133	672.3	662.2	662.1	682	656	25
134	677.4	667.2	667.2	687	661	25
135	682.5	672.3	672.2	692	666	25
136	687.5	677.3	677.3	697	671	25
137	692.6	682.4	682.4	702	676	25
138	697.6	687.5	687.5	707	681	25
139	702.7	692.5	692.5	712	686	25
140	707.7	697.6	697.6	717	691	25
141	712.8	702.6	702.6	722	696	25
142	717.8	707.7	707.7	727	701	25
143	722.9	712.7	712.7	732	706	25
144	727.9	717.8	717.8	737	711	25
145	733.0	722.8	722.8	742	716	25
146	738.1	727.9	727.9	747	721	25
147	743.1	732.9	732.9	752	727	25
148	748.2	738.0	738.0	758	732	25
149	753.2	743.1	743.0	763	737	25
150	758.3	748.1	748.1	768	742	25

**Table of Sprocket 60; (ASME/ANSI B29.1M)**



<b>60</b>	Item		Symbol		mm	
	Pitch		P		19.05	
	Roller Diameter		Dr		11.91	
	Tooth Width (Single)		B1		11.7	
	Tooth Width (Duplex)		B2		11.3	
	Tooth Width (Triplex)		B3		11.3	
	Transverse Pitch of Strands		Pt		22.78	
	Tooth Side Relief		ch		2.4	
	Tooth Side Relief high		h		9.5	
	Length through (Single)		L1		=d+B1	
	Length through (Duplex)		L2		=d+pt+B2	
Length through (Triplex)		L3		=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

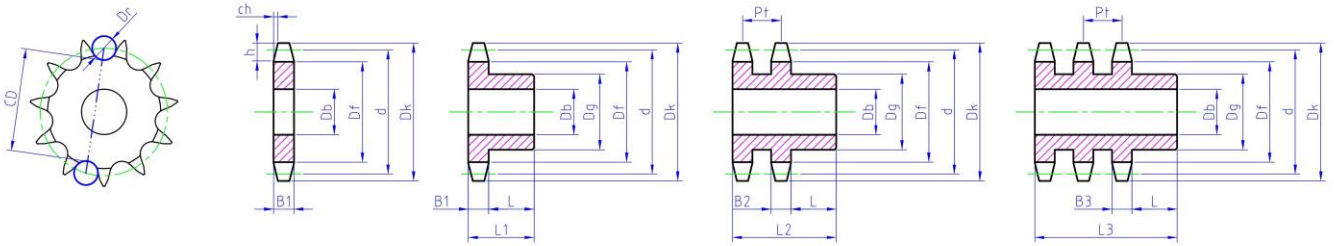
Z	d	Df	CD	Dk	Dg	Db/L
10	61.6	49.7	49.7	70	39	20
11	67.6	55.7	55.0	76	45	20
12	73.6	61.7	61.7	83	52	20
13	79.6	67.7	67.1	89	58	20
14	85.6	73.7	73.7	95	64	20
15	91.6	79.7	79.2	101	70	20
16	97.6	85.7	85.7	107	76	20
17	103.7	91.8	91.3	113	82	25
18	109.7	97.8	97.8	119	88	25
19	115.7	103.8	103.4	126	95	25
20	121.8	109.9	109.9	132	101	25
21	127.8	115.9	115.5	138	107	25
22	133.9	121.9	121.9	144	113	25
23	139.9	128.0	127.7	150	119	25
24	145.9	134.0	134.0	156	125	25
25	152.0	140.1	139.8	162	131	25
26	158.0	146.1	146.1	168	137	25
27	164.1	152.2	151.9	174	143	25
28	170.1	158.2	158.2	181	149	25
29	176.2	164.3	164.0	187	156	25
30	182.2	170.3	170.3	193	162	25
31	188.3	176.4	176.1	199	168	25
32	194.4	182.4	182.4	205	174	25

33	200.4	188.5	188.3	211	180	25
34	206.5	194.6	194.6	217	186	25
35	212.5	200.6	200.4	223	192	25
36	218.6	206.7	206.7	229	198	25
37	224.6	212.7	212.5	235	204	25
38	230.7	218.8	218.8	241	210	25
39	236.7	224.8	224.6	247	216	25
40	242.8	230.9	230.9	253	222	25
41	248.9	236.9	236.8	260	229	25
42	254.9	243.0	243.0	266	235	25
43	261.0	249.1	248.9	272	241	25
44	267.0	255.1	255.1	278	247	25
45	273.1	261.2	261.0	284	253	25
46	279.2	267.2	267.2	290	259	25
47	285.2	273.3	273.1	296	265	25
48	291.3	279.4	279.4	302	271	25
49	297.3	285.4	285.3	308	277	25
50	303.4	291.5	291.5	314	283	25
51	309.4	297.5	297.4	320	289	25
52	315.5	303.6	303.6	326	295	25
53	321.6	309.7	309.5	332	301	25
54	327.6	315.7	315.7	339	307	25
55	333.7	321.8	321.6	345	314	25
56	339.8	327.8	327.8	351	320	25
57	345.8	333.9	333.8	357	326	25
58	351.9	340.0	340.0	363	332	25
59	357.9	346.0	345.9	369	338	25
60	364.0	352.1	352.1	375	344	25
61	370.1	358.1	358.0	381	350	25
62	376.1	364.2	364.2	387	356	25
63	382.2	370.3	370.1	393	362	25
64	388.2	376.3	376.3	399	368	25
65	394.3	382.4	382.3	405	374	25
66	400.4	388.5	388.5	411	380	25
67	406.4	394.5	394.4	417	386	25
68	412.5	400.6	400.6	423	392	25
69	418.5	406.6	406.5	430	399	25
70	424.6	412.7	412.7	436	405	25
71	430.7	418.8	418.7	442	411	25
72	436.7	424.8	424.8	448	417	25
73	442.8	430.9	430.8	454	423	25
74	448.9	436.9	436.9	460	429	25
75	454.9	443.0	442.9	466	435	25
76	461.0	449.1	449.1	472	441	25
77	467.0	455.1	455.0	478	447	25
78	473.1	461.2	461.2	484	453	25

79	479.2	467.3	467.2	490	459	25
80	485.2	473.3	473.3	496	465	25
81	491.3	479.4	479.3	502	471	25
82	497.4	485.4	485.4	508	477	25
83	503.4	491.5	491.4	514	483	25
84	509.5	497.6	497.6	521	490	25
85	515.5	503.6	503.5	527	496	25
86	521.6	509.7	509.7	533	502	25
87	527.7	515.8	515.7	539	508	25
88	533.7	521.8	521.8	545	514	25
89	539.8	527.9	527.8	551	520	25
90	545.9	533.9	533.9	557	526	25
91	551.9	540.0	539.9	563	532	25
92	558.0	546.1	546.1	569	538	25
93	564.0	552.1	552.1	575	544	25
94	570.1	558.2	558.2	581	550	25
95	576.2	564.3	564.2	587	556	25
96	582.2	570.3	570.3	593	562	25
97	588.3	576.4	576.3	599	568	25
98	594.4	582.4	582.4	605	574	25
99	600.4	588.5	588.4	612	581	25
100	606.5	594.6	594.6	618	587	25
101	612.5	600.6	600.6	624	593	25
102	618.6	606.7	606.7	630	599	25
103	624.7	612.8	612.7	636	605	25
104	630.7	618.8	618.8	642	611	25
105	636.8	624.9	624.8	648	617	25
106	642.9	630.9	630.9	654	623	25
107	648.9	637.0	636.9	660	629	25
108	655.0	643.1	643.1	666	635	25
109	661.0	649.1	649.1	672	641	25
110	667.1	655.2	655.2	678	647	25
111	673.2	661.3	661.2	684	653	25
112	679.2	667.3	667.3	690	659	25
113	685.3	673.4	673.3	696	665	25
114	691.4	679.5	679.5	703	672	25
115	697.4	685.5	685.4	709	678	25
116	703.5	691.6	691.6	715	684	25
117	709.6	697.6	697.6	721	690	25
118	715.6	703.7	703.7	727	696	25
119	721.7	709.8	709.7	733	702	25
120	727.7	715.8	715.8	739	708	25
121	733.8	721.9	721.8	745	714	25
122	739.9	728.0	728.0	751	720	25
123	745.9	734.0	734.0	757	726	25
124	752.0	740.1	740.1	763	732	25

125	758.1	746.1	746.1	769	738	25
126	764.1	752.2	752.2	775	744	25
127	770.2	758.3	758.2	781	750	25
128	776.2	764.3	764.3	787	756	25
129	782.3	770.4	770.3	794	762	25
130	788.4	776.5	776.5	800	769	25
131	794.4	782.5	782.5	806	775	25
132	800.5	788.6	788.6	812	781	25
133	806.6	794.7	794.6	818	787	25
134	812.6	800.7	800.7	824	793	25
135	818.7	806.8	806.7	830	799	25
136	824.8	812.8	812.8	836	805	25
137	830.8	818.9	818.8	842	811	25
138	836.9	825.0	825.0	848	817	25
139	842.9	831.0	831.0	854	823	25
140	849.0	837.1	837.1	860	829	25
141	855.1	843.2	843.1	866	835	25
142	861.1	849.2	849.2	872	841	25
143	867.2	855.3	855.2	878	847	25
144	873.3	861.3	861.3	884	853	25
145	879.3	867.4	867.4	891	860	25
146	885.4	873.5	873.5	897	866	25
147	891.4	879.5	879.5	903	872	25
148	897.5	885.6	885.6	909	878	25
149	903.6	891.7	891.6	915	884	25
150	909.6	897.7	897.7	921	890	25

### Table of Sprocket 80; (ASME/ANSI B29.1M)



<b>80</b>	Item		Symbol	mm		
	Pitch		P	25.4		
	Roller Diameter		Dr	15.87		
	Tooth Width (Single)		B1	14.6		
	Tooth Width (Duplex)		B2	14.1		
	Tooth Width (Triplex)		B3	14.1		
	Transverse Pitch of Strands		Pt	29.29		
	Tooth Side Relief		ch	3.2		
	Tooth Side Relief high		h	12.7		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	82.2	66.3	66.3	93	52	25
11	90.2	74.3	73.4	102	61	25
12	98.1	82.3	82.3	110	69	25
13	106.1	90.3	89.5	118	77	25
14	114.1	98.3	98.3	127	85	25
15	122.2	106.3	105.6	135	94	25
16	130.2	114.3	114.3	143	102	25
17	138.2	122.4	121.8	151	110	25
18	146.3	130.4	130.4	159	118	25
19	154.3	138.4	137.9	167	126	25
20	162.4	146.5	146.5	176	134	25
21	170.4	154.6	154.1	184	143	25
22	178.5	162.6	162.6	192	151	25
23	186.5	170.7	170.2	200	159	25
24	194.6	178.7	178.7	208	167	25
25	202.7	186.8	186.4	216	175	25
26	210.7	194.9	194.9	224	183	25
27	218.8	202.9	202.6	233	191	25
28	226.9	211.0	211.0	241	200	25
29	234.9	219.1	218.7	249	208	25
30	243.0	227.1	227.1	257	216	25
31	251.1	235.2	234.9	265	224	25
32	259.1	243.3	243.3	273	232	25

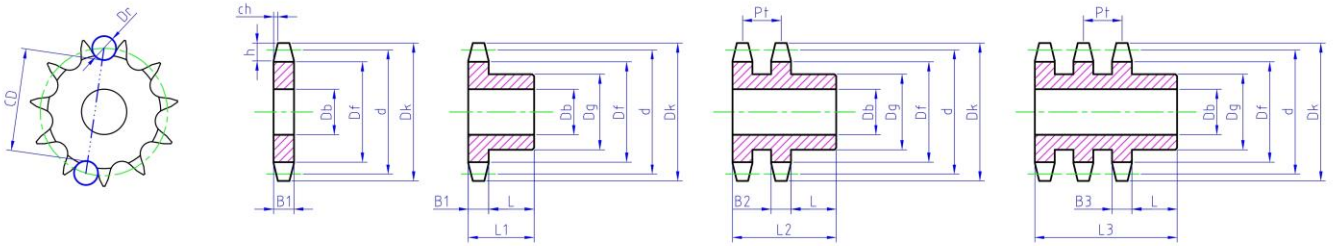


33	267.2	251.3	251.0	281	240	25
34	275.3	259.4	259.4	289	248	25
35	283.4	267.5	267.2	297	256	25
36	291.4	275.6	275.6	306	264	25
37	299.5	283.6	283.4	314	272	25
38	307.6	291.7	291.7	322	281	25
39	315.7	299.8	299.5	330	289	25
40	323.7	307.9	307.9	338	297	25
41	331.8	315.9	315.7	346	305	25
42	339.9	324.0	324.0	354	313	25
43	348.0	332.1	331.9	362	321	25
44	356.0	340.2	340.2	370	329	25
45	364.1	348.3	348.0	378	337	25
46	372.2	356.3	356.3	387	345	25
47	380.3	364.4	364.2	395	354	25
48	388.4	372.5	372.5	403	362	25
49	396.4	380.6	380.4	411	370	25
50	404.5	388.6	388.6	419	378	25
51	412.6	396.7	396.5	427	386	25
52	420.7	404.8	404.8	435	394	25
53	428.8	412.9	412.7	443	402	25
54	436.8	421.0	421.0	451	410	25
55	444.9	429.1	428.9	459	418	25
56	453.0	437.1	437.1	468	426	25
57	461.1	445.2	445.0	476	434	25
58	469.2	453.3	453.3	484	443	25
59	477.2	461.4	461.2	492	451	25
60	485.3	469.5	469.5	500	459	25
61	493.4	477.5	477.4	508	467	25
62	501.5	485.6	485.6	516	475	25
63	509.6	493.7	493.5	524	483	25
64	517.7	501.8	501.8	532	491	25
65	525.7	509.9	509.7	540	499	25
66	533.8	517.9	517.9	548	507	25
67	541.9	526.0	525.9	557	515	25
68	550.0	534.1	534.1	565	523	25
69	558.1	542.2	542.0	573	532	25
70	566.1	550.3	550.3	581	540	25
71	574.2	558.4	558.2	589	548	25
72	582.3	566.4	566.4	597	556	25
73	590.4	574.5	574.4	605	564	25
74	598.5	582.6	582.6	613	572	25
75	606.6	590.7	590.6	621	580	25
76	614.6	598.8	598.8	629	588	25
77	622.7	606.9	606.7	637	596	25
78	630.8	614.9	614.9	646	604	25

79	638.9	623.0	622.9	654	612	25
80	647.0	631.1	631.1	662	621	25
81	655.1	639.2	639.1	670	629	25
82	663.1	647.3	647.3	678	637	25
83	671.2	655.4	655.2	686	645	25
84	679.3	663.4	663.4	694	653	25
85	687.4	671.5	671.4	702	661	25
86	695.5	679.6	679.6	710	669	25
87	703.6	687.7	687.6	718	677	25
88	711.6	695.8	695.8	726	685	25
89	719.7	703.9	703.7	735	693	25
90	727.8	711.9	711.9	743	701	25
91	735.9	720.0	719.9	751	710	25
92	744.0	728.1	728.1	759	718	25
93	752.1	736.2	736.1	767	726	25
94	760.1	744.3	744.3	775	734	25
95	768.2	752.4	752.2	783	742	25
96	776.3	760.4	760.4	791	750	25
97	784.4	768.5	768.4	799	758	25
98	792.5	776.6	776.6	807	766	25
99	800.6	784.7	784.6	815	774	25
100	808.6	792.8	792.8	823	782	25
101	816.7	800.9	800.8	832	790	25
102	824.8	808.9	808.9	840	798	25
103	832.9	817.0	816.9	848	807	25
104	841.0	825.1	825.1	856	815	25
105	849.1	833.2	833.1	864	823	25
106	857.1	841.3	841.3	872	831	25
107	865.2	849.4	849.3	880	839	25
108	873.3	857.4	857.4	888	847	25
109	881.4	865.5	865.4	896	855	25
110	889.5	873.6	873.6	904	863	25
111	897.6	881.7	881.6	912	871	25
112	905.6	889.8	889.8	921	879	25
113	913.7	897.9	897.8	929	887	25
114	921.8	905.9	905.9	937	896	25
115	929.9	914.0	913.9	945	904	25
116	938.0	922.1	922.1	953	912	25
117	946.1	930.2	930.1	961	920	25
118	954.2	938.3	938.3	969	928	25
119	962.2	946.4	946.3	977	936	25
120	970.3	954.4	954.4	985	944	25
121	978.4	962.5	962.5	993	952	25
122	986.5	970.6	970.6	1001	960	25
123	994.6	978.7	978.6	1009	968	25
124	1002.7	986.8	986.8	1018	976	25

125	1010.7	994.9	994.8	1026	984	25
126	1018.8	1003.0	1003.0	1034	993	25
127	1026.9	1011.0	1011.0	1042	1001	25
128	1035.0	1019.1	1019.1	1050	1009	25
129	1043.1	1027.2	1027.1	1058	1017	25
130	1051.2	1035.3	1035.3	1066	1025	25
131	1059.2	1043.4	1043.3	1074	1033	25
132	1067.3	1051.5	1051.5	1082	1041	25
133	1075.4	1059.5	1059.5	1090	1049	25
134	1083.5	1067.6	1067.6	1098	1057	25
135	1091.6	1075.7	1075.6	1107	1065	25
136	1099.7	1083.8	1083.8	1115	1073	25
137	1107.8	1091.9	1091.8	1123	1082	25
138	1115.8	1100.0	1100.0	1131	1090	25
139	1123.9	1108.1	1108.0	1139	1098	25
140	1132.0	1116.1	1116.1	1147	1106	25
141	1140.1	1124.2	1124.1	1155	1114	25
142	1148.2	1132.3	1132.3	1163	1122	25
143	1156.3	1140.4	1140.3	1171	1130	25
144	1164.3	1148.5	1148.5	1179	1138	25
145	1172.4	1156.6	1156.5	1187	1146	25
146	1180.5	1164.6	1164.6	1195	1154	25
147	1188.6	1172.7	1172.7	1204	1162	25
148	1196.7	1180.8	1180.8	1212	1170	25
149	1204.8	1188.9	1188.8	1220	1179	25
150	1212.8	1197.0	1197.0	1228	1187	25

**Table of Sprocket 100; (ASME/ANSI B29.1M)**



<h1>100</h1>	Item		Symbol	mm		
	Pitch		P	31.75		
	Roller Diameter		Dr	19.05		
	Tooth Width (Single)		B1	17.6		
	Tooth Width (Duplex)		B2	17.0		
	Tooth Width (Triplex)		B3	17.0		
	Transverse Pitch of Strands		Pt	35.76		
	Tooth Side Relief		ch	4.0		
	Tooth Side Relief high		h	15.9		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
Length through (Triplex)		L3	=d+(2xpt)+B3			
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

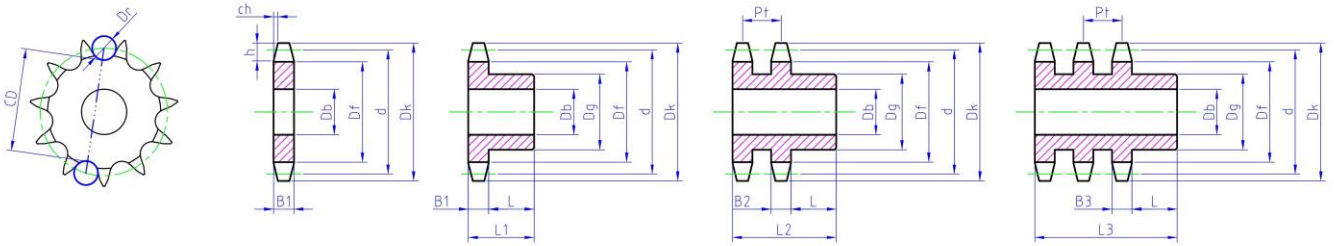
Z	d	Df	CD	Dk	Dg	Db/L
10	102.7	83.7	83.7	117	65	25
11	112.7	93.6	92.5	127	76	25
12	122.7	103.6	103.6	138	86	25
13	132.7	113.6	112.7	148	97	25
14	142.7	123.6	123.6	158	107	25
15	152.7	133.7	132.8	168	117	25
16	162.7	143.7	143.7	179	127	25
17	172.8	153.7	153.0	189	138	25
18	182.8	163.8	163.8	199	148	25
19	192.9	173.8	173.2	209	158	25
20	203.0	183.9	183.9	220	168	25
21	213.0	194.0	193.4	230	178	25
22	223.1	204.0	204.0	240	189	25
23	233.2	214.1	213.6	250	199	25
24	243.2	224.2	224.2	260	209	25
25	253.3	234.3	233.8	270	219	25
26	263.4	244.4	244.4	281	229	25
27	273.5	254.4	254.0	291	239	25
28	283.6	264.5	264.5	301	250	25
29	293.7	274.6	274.2	311	260	25
30	303.7	284.7	284.7	321	270	25
31	313.8	294.8	294.4	331	280	25
32	323.9	304.9	304.9	341	290	25

33	334.0	315.0	314.6	352	300	25
34	344.1	325.1	325.1	362	310	25
35	354.2	335.1	334.8	372	320	25
36	364.3	345.2	345.2	382	331	25
37	374.4	355.3	355.0	392	341	25
38	384.5	365.4	365.4	402	351	25
39	394.6	375.5	375.2	412	361	25
40	404.7	385.6	385.6	422	371	25
41	414.8	395.7	395.4	433	381	25
42	424.9	405.8	405.8	443	391	25
43	435.0	415.9	415.6	453	402	25
44	445.1	426.0	426.0	463	412	25
45	455.2	436.1	435.8	473	422	25
46	465.3	446.2	446.2	483	432	25
47	475.4	456.3	456.0	493	442	25
48	485.5	466.4	466.4	503	452	25
49	495.6	476.5	476.2	514	462	25
50	505.6	486.6	486.6	524	472	25
51	515.7	496.7	496.5	534	482	25
52	525.8	506.8	506.8	544	493	25
53	535.9	516.9	516.7	554	503	25
54	546.1	527.0	527.0	564	513	25
55	556.2	537.1	536.9	574	523	25
56	566.3	547.2	547.2	584	533	25
57	576.4	557.3	557.1	595	543	25
58	586.5	567.4	567.4	605	553	25
59	596.6	577.5	577.3	615	563	25
60	606.7	587.6	587.6	625	574	25
61	616.8	597.7	597.5	635	584	25
62	626.9	607.8	607.8	645	594	25
63	637.0	617.9	617.7	655	604	25
64	647.1	628.0	628.0	665	614	25
65	657.2	638.1	637.9	675	624	25
66	667.3	648.2	648.2	686	634	25
67	677.4	658.3	658.1	696	644	25
68	687.5	668.4	668.4	706	654	25
69	697.6	678.5	678.3	716	665	25
70	707.7	688.6	688.6	726	675	25
71	717.8	698.7	698.6	736	685	25
72	727.9	708.8	708.8	746	695	25
73	738.0	718.9	718.8	756	705	25
74	748.1	729.0	729.0	766	715	25
75	758.2	739.1	739.0	777	725	25
76	768.3	749.3	749.3	787	735	25
77	778.4	759.4	759.2	797	745	25
78	788.5	769.5	769.5	807	756	25

79	798.6	779.6	779.4	817	766	25
80	808.7	789.7	789.7	827	776	25
81	818.8	799.8	799.6	837	786	25
82	828.9	809.9	809.9	847	796	25
83	839.0	820.0	819.8	857	806	25
84	849.1	830.1	830.1	868	816	25
85	859.2	840.2	840.0	878	826	25
86	869.3	850.3	850.3	888	836	25
87	879.4	860.4	860.2	898	847	25
88	889.5	870.5	870.5	908	857	25
89	899.7	880.6	880.5	918	867	25
90	909.8	890.7	890.7	928	877	25
91	919.9	900.8	900.7	938	887	25
92	930.0	910.9	910.9	948	897	25
93	940.1	921.0	920.9	959	907	25
94	950.2	931.1	931.1	969	917	25
95	960.3	941.2	941.1	979	927	25
96	970.4	951.3	951.3	989	938	25
97	980.5	961.4	961.3	999	948	25
98	990.6	971.5	971.5	1009	958	25
99	1000.7	981.6	981.5	1019	968	25
100	1010.8	991.8	991.8	1029	978	25
101	1020.9	1001.9	1001.7	1039	988	25
102	1031.0	1012.0	1012.0	1050	998	25
103	1041.1	1022.1	1021.9	1060	1008	25
104	1051.2	1032.2	1032.2	1070	1018	25
105	1061.3	1042.3	1042.2	1080	1029	25
106	1071.4	1052.4	1052.4	1090	1039	25
107	1081.5	1062.5	1062.4	1100	1049	25
108	1091.6	1072.6	1072.6	1110	1059	25
109	1101.7	1082.7	1082.6	1120	1069	25
110	1111.8	1092.8	1092.8	1130	1079	25
111	1122.0	1102.9	1102.8	1141	1089	25
112	1132.1	1113.0	1113.0	1151	1099	25
113	1142.2	1123.1	1123.0	1161	1109	25
114	1152.3	1133.2	1133.2	1171	1120	25
115	1162.4	1143.3	1143.2	1181	1130	25
116	1172.5	1153.4	1153.4	1191	1140	25
117	1182.6	1163.5	1163.4	1201	1150	25
118	1192.7	1173.6	1173.6	1211	1160	25
119	1202.8	1183.7	1183.6	1221	1170	25
120	1212.9	1193.8	1193.8	1232	1180	25
121	1223.0	1204.0	1203.9	1242	1190	25
122	1233.1	1214.1	1214.1	1252	1200	25
123	1243.2	1224.2	1224.1	1262	1211	25
124	1253.3	1234.3	1234.3	1272	1221	25

125	1263.4	1244.4	1244.3	1282	1231	25
126	1273.5	1254.5	1254.5	1292	1241	25
127	1283.6	1264.6	1264.5	1302	1251	25
128	1293.7	1274.7	1274.7	1312	1261	25
129	1303.8	1284.8	1284.7	1323	1271	25
130	1314.0	1294.9	1294.9	1333	1281	25
131	1324.1	1305.0	1304.9	1343	1291	25
132	1334.2	1315.1	1315.1	1353	1302	25
133	1344.3	1325.2	1325.1	1363	1312	25
134	1354.4	1335.3	1335.3	1373	1322	25
135	1364.5	1345.4	1345.3	1383	1332	25
136	1374.6	1355.5	1355.5	1393	1342	25
137	1384.7	1365.6	1365.5	1403	1352	25
138	1394.8	1375.7	1375.7	1413	1362	25
139	1404.9	1385.9	1385.8	1424	1372	25
140	1415.0	1396.0	1396.0	1434	1382	25
141	1425.1	1406.1	1406.0	1444	1392	25
142	1435.2	1416.2	1416.2	1454	1403	25
143	1445.3	1426.3	1426.2	1464	1413	25
144	1455.4	1436.4	1436.4	1474	1423	25
145	1465.5	1446.5	1446.4	1484	1433	25
146	1475.6	1456.6	1456.6	1494	1443	25
147	1485.7	1466.7	1466.6	1504	1453	25
148	1495.9	1476.8	1476.8	1515	1463	25
149	1506.0	1486.9	1486.8	1525	1473	25
150	1516.1	1497.0	1497.0	1535	1483	25

**Table of Sprocket 120; (ASME/ANSI B29.1M)**



<h1>120</h1>	Item		Symbol	mm		
	Pitch		P	38.1		
	Roller Diameter		Dr	22.22		
	Tooth Width (Single)		B1	23.5		
	Tooth Width (Duplex)		B2	22.7		
	Tooth Width (Triplex)		B3	22.7		
	Transverse Pitch of Strands		Pt	45.44		
	Tooth Side Relief		ch	4.8		
	Tooth Side Relief high		h	19.1		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
Length through (Triplex)		L3	=d+(2xpt)+B3			
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	123.3	101.1	101.1	140	79	25
11	135.2	113.0	111.6	153	91	25
12	147.2	125.0	125.0	165	104	25
13	159.2	137.0	135.8	177	116	25
14	171.2	149.0	149.0	190	128	25
15	183.3	161.0	160.0	202	141	25
16	195.3	173.1	173.1	214	153	25
17	207.3	185.1	184.2	227	165	25
18	219.4	197.2	197.2	239	177	25
19	231.5	209.3	208.5	251	190	25
20	243.6	221.3	221.3	263	202	25
21	255.6	233.4	232.7	276	214	25
22	267.7	245.5	245.5	288	226	25
23	279.8	257.6	256.9	300	239	25
24	291.9	269.7	269.7	312	251	25
25	304.0	281.8	281.2	324	263	25
26	316.1	293.9	293.9	337	275	25
27	328.2	306.0	305.4	349	287	25
28	340.3	318.1	318.1	361	300	25
29	352.4	330.2	329.7	373	312	25
30	364.5	342.3	342.3	385	324	25
31	376.6	354.4	353.9	398	336	25
32	388.7	366.5	366.5	410	348	25

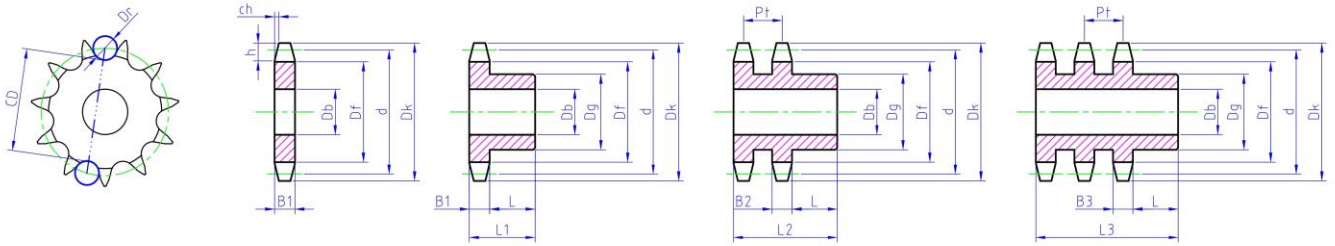


33	400.8	378.6	378.1	422	360	25
34	412.9	390.7	390.7	434	373	25
35	425.0	402.8	402.4	446	385	25
36	437.1	414.9	414.9	458	397	25
37	449.3	427.0	426.6	471	409	25
38	461.4	439.2	439.2	483	421	25
39	473.5	451.3	450.9	495	433	25
40	485.6	463.4	463.4	507	445	25
41	497.7	475.5	475.1	519	458	25
42	509.8	487.6	487.6	531	470	25
43	522.0	499.7	499.4	543	482	25
44	534.1	511.8	511.8	556	494	25
45	546.2	524.0	523.6	568	506	25
46	558.3	536.1	536.1	580	518	25
47	570.4	548.2	547.9	592	531	25
48	582.5	560.3	560.3	604	543	25
49	594.7	572.4	572.1	616	555	25
50	606.8	584.6	584.6	628	567	25
51	618.9	596.7	596.4	641	579	25
52	631.0	608.8	608.8	653	591	25
53	643.1	620.9	620.6	665	603	25
54	655.3	633.0	633.0	677	616	25
55	667.4	645.2	644.9	689	628	25
56	679.5	657.3	657.3	701	640	25
57	691.6	669.4	669.1	713	652	25
58	703.7	681.5	681.5	726	664	25
59	715.9	693.6	693.4	738	676	25
60	728.0	705.8	705.8	750	688	25
61	740.1	717.9	717.6	762	700	25
62	752.2	730.0	730.0	774	713	25
63	764.4	742.1	741.9	786	725	25
64	776.5	754.3	754.3	798	737	25
65	788.6	766.4	766.2	811	749	25
66	800.7	778.5	778.5	823	761	25
67	812.8	790.6	790.4	835	773	25
68	825.0	802.8	802.8	847	785	25
69	837.1	814.9	814.7	859	798	25
70	849.2	827.0	827.0	871	810	25
71	861.3	839.1	838.9	883	822	25
72	873.5	851.2	851.2	895	834	25
73	885.6	863.4	863.2	908	846	25
74	897.7	875.5	875.5	920	858	25
75	909.8	887.6	887.4	932	870	25
76	922.0	899.7	899.7	944	883	25
77	934.1	911.9	911.7	956	895	25
78	946.2	924.0	924.0	968	907	25

79	958.3	936.1	935.9	980	919	25
80	970.5	948.2	948.2	993	931	25
81	982.6	960.4	960.2	1005	943	25
82	994.7	972.5	972.5	1017	955	25
83	1006.8	984.6	984.4	1029	967	25
84	1019.0	996.7	996.7	1041	980	25
85	1031.1	1008.9	1008.7	1053	992	25
86	1043.2	1021.0	1021.0	1065	1004	25
87	1055.3	1033.1	1032.9	1078	1016	25
88	1067.5	1045.2	1045.2	1090	1028	25
89	1079.6	1057.4	1057.2	1102	1040	25
90	1091.7	1069.5	1069.5	1114	1052	25
91	1103.8	1081.6	1081.4	1126	1065	25
92	1116.0	1093.7	1093.7	1138	1077	25
93	1128.1	1105.9	1105.7	1150	1089	25
94	1140.2	1118.0	1118.0	1162	1101	25
95	1152.3	1130.1	1130.0	1175	1113	25
96	1164.5	1142.2	1142.2	1187	1125	25
97	1176.6	1154.4	1154.2	1199	1137	25
98	1188.7	1166.5	1166.5	1211	1149	25
99	1200.8	1178.6	1178.5	1223	1162	25
100	1213.0	1190.7	1190.7	1235	1174	25
101	1225.1	1202.9	1202.7	1247	1186	25
102	1237.2	1215.0	1215.0	1259	1198	25
103	1249.3	1227.1	1227.0	1272	1210	25
104	1261.5	1239.2	1239.2	1284	1222	25
105	1273.6	1251.4	1251.2	1296	1234	25
106	1285.7	1263.5	1263.5	1308	1247	25
107	1297.8	1275.6	1275.5	1320	1259	25
108	1310.0	1287.7	1287.7	1332	1271	25
109	1322.1	1299.9	1299.7	1344	1283	25
110	1334.2	1312.0	1312.0	1357	1295	25
111	1346.3	1324.1	1324.0	1369	1307	25
112	1358.5	1336.3	1336.3	1381	1319	25
113	1370.6	1348.4	1348.2	1393	1331	25
114	1382.7	1360.5	1360.5	1405	1344	25
115	1394.8	1372.6	1372.5	1417	1356	25
116	1407.0	1384.8	1384.8	1429	1368	25
117	1419.1	1396.9	1396.8	1441	1380	25
118	1431.2	1409.0	1409.0	1454	1392	25
119	1443.4	1421.1	1421.0	1466	1404	25
120	1455.5	1433.3	1433.3	1478	1416	25
121	1467.6	1445.4	1445.3	1490	1428	25
122	1479.7	1457.5	1457.5	1502	1441	25
123	1491.9	1469.6	1469.5	1514	1453	25
124	1504.0	1481.8	1481.8	1526	1465	25

125	1516.1	1493.9	1493.8	1538	1477	25
126	1528.2	1506.0	1506.0	1551	1489	25
127	1540.4	1518.1	1518.0	1563	1501	25
128	1552.5	1530.3	1530.3	1575	1513	25
129	1564.6	1542.4	1542.3	1587	1526	25
130	1576.7	1554.5	1554.5	1599	1538	25
131	1588.9	1566.6	1566.5	1611	1550	25
132	1601.0	1578.8	1578.8	1623	1562	25
133	1613.1	1590.9	1590.8	1636	1574	25
134	1625.2	1603.0	1603.0	1648	1586	25
135	1637.4	1615.2	1615.0	1660	1598	25
136	1649.5	1627.3	1627.3	1672	1610	25
137	1661.6	1639.4	1639.3	1684	1623	25
138	1673.8	1651.5	1651.5	1696	1635	25
139	1685.9	1663.7	1663.6	1708	1647	25
140	1698.0	1675.8	1675.8	1720	1659	25
141	1710.1	1687.9	1687.8	1733	1671	25
142	1722.3	1700.0	1700.0	1745	1683	25
143	1734.4	1712.2	1712.1	1757	1695	25
144	1746.5	1724.3	1724.3	1769	1707	25
145	1758.6	1736.4	1736.3	1781	1720	25
146	1770.8	1748.5	1748.5	1793	1732	25
147	1782.9	1760.7	1760.6	1805	1744	25
148	1795.0	1772.8	1772.8	1817	1756	25
149	1807.1	1784.9	1784.8	1830	1768	25
150	1819.3	1797.1	1797.1	1842	1780	25

**Table of Sprocket 140; (ASME/ANSI B29.1M)**



<h1>140</h1>	Item		Symbol	mm		
	Pitch		P	45.45		
	Roller Diameter		Dr	25.4		
	Tooth Width (Single)		B1	23.5		
	Tooth Width (Duplex)		B2	22.7		
	Tooth Width (Triplex)		B3	22.7		
	Transverse Pitch of Strands		Pt	48.87		
	Tooth Side Relief		ch	5.6		
	Tooth Side Relief high		h	22.2		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
Length through (Triplex)		L3	=d+(2xpt)+B3			
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

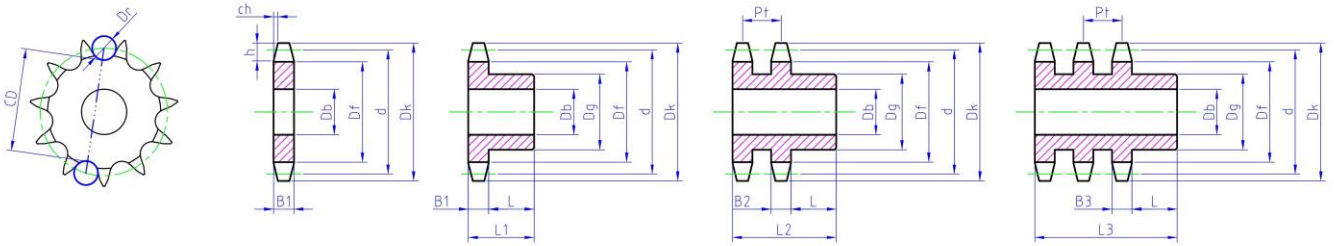
Z	d	Df	CD	Dk	Dg	Db/L
10	143.8	118.4	118.4	163	92	25
11	157.8	132.4	130.8	178	106	25
12	171.7	146.3	146.3	193	121	25
13	185.7	160.3	159.0	207	135	25
14	199.8	174.4	174.4	221	150	25
15	213.8	188.4	187.2	236	164	25
16	227.8	202.4	202.4	250	178	25
17	241.9	216.5	215.5	264	193	25
18	256.0	230.6	230.6	279	207	25
19	270.1	244.7	243.7	293	221	25
20	284.1	258.7	258.7	307	236	25
21	298.2	272.8	272.0	322	250	25
22	312.3	286.9	286.9	336	264	25
23	326.4	301.0	300.3	350	278	25
24	340.5	315.1	315.1	364	293	25
25	354.7	329.3	328.6	379	307	25
26	368.8	343.4	343.4	393	321	25
27	382.9	357.5	356.8	407	335	25
28	397.0	371.6	371.6	421	350	25
29	411.1	385.7	385.1	435	364	25
30	425.2	399.8	399.8	450	378	25
31	439.4	414.0	413.4	464	392	25
32	453.5	428.1	428.1	478	406	25

33	467.6	442.2	441.7	492	421	25
34	481.7	456.3	456.3	506	435	25
35	495.9	470.5	470.0	521	449	25
36	510.0	484.6	484.6	535	463	25
37	524.1	498.7	498.3	549	477	25
38	538.3	512.9	512.9	563	491	25
39	552.4	527.0	526.6	577	506	25
40	566.5	541.1	541.1	591	520	25
41	580.7	555.3	554.8	606	534	25
42	594.8	569.4	569.4	620	548	25
43	608.9	583.5	583.1	634	562	25
44	623.1	597.7	597.7	648	577	25
45	637.2	611.8	611.4	662	591	25
46	651.4	626.0	626.0	677	605	25
47	665.5	640.1	639.7	691	619	25
48	679.6	654.2	654.2	705	633	25
49	693.8	668.4	668.0	719	647	25
50	707.9	682.5	682.5	733	662	25
51	722.0	696.6	696.3	747	676	25
52	736.2	710.8	710.8	762	690	25
53	750.3	724.9	724.6	776	704	25
54	764.5	739.1	739.1	790	718	25
55	778.6	753.2	752.9	804	732	25
56	792.8	767.4	767.4	818	747	25
57	806.9	781.5	781.2	832	761	25
58	821.0	795.6	795.6	847	775	25
59	835.2	809.8	809.5	861	789	25
60	849.3	823.9	823.9	875	803	25
61	863.5	838.1	837.8	889	817	25
62	877.6	852.2	852.2	903	831	25
63	891.7	866.3	866.1	917	846	25
64	905.9	880.5	880.5	931	860	25
65	920.0	894.6	894.4	946	874	25
66	934.2	908.8	908.8	960	888	25
67	948.3	922.9	922.7	974	902	25
68	962.5	937.1	937.1	988	916	25
69	976.6	951.2	951.0	1002	931	25
70	990.8	965.4	965.4	1016	945	25
71	1004.9	979.5	979.3	1031	959	25
72	1019.0	993.6	993.6	1045	973	25
73	1033.2	1007.8	1007.5	1059	987	25
74	1047.3	1021.9	1021.9	1073	1001	25
75	1061.5	1036.1	1035.8	1087	1016	25
76	1075.6	1050.2	1050.2	1101	1030	25
77	1089.8	1064.4	1064.1	1116	1044	25
78	1103.9	1078.5	1078.5	1130	1058	25

79	1118.1	1092.7	1092.4	1144	1072	25
80	1132.2	1106.8	1106.8	1158	1086	25
81	1146.3	1120.9	1120.7	1172	1101	25
82	1160.5	1135.1	1135.1	1186	1115	25
83	1174.6	1149.2	1149.0	1200	1129	25
84	1188.8	1163.4	1163.4	1215	1143	25
85	1202.9	1177.5	1177.3	1229	1157	25
86	1217.1	1191.7	1191.7	1243	1171	25
87	1231.2	1205.8	1205.6	1257	1185	25
88	1245.4	1220.0	1220.0	1271	1200	25
89	1259.5	1234.1	1233.9	1285	1214	25
90	1273.7	1248.3	1248.3	1300	1228	25
91	1287.8	1262.4	1262.2	1314	1242	25
92	1301.9	1276.5	1276.5	1328	1256	25
93	1316.1	1290.7	1290.5	1342	1270	25
94	1330.2	1304.8	1304.8	1356	1285	25
95	1344.4	1319.0	1318.8	1370	1299	25
96	1358.5	1333.1	1333.1	1384	1313	25
97	1372.7	1347.3	1347.1	1399	1327	25
98	1386.8	1361.4	1361.4	1413	1341	25
99	1401.0	1375.6	1375.4	1427	1355	25
100	1415.1	1389.7	1389.7	1441	1369	25
101	1429.3	1403.9	1403.7	1455	1384	25
102	1443.4	1418.0	1418.0	1469	1398	25
103	1457.6	1432.2	1432.0	1484	1412	25
104	1471.7	1446.3	1446.3	1498	1426	25
105	1485.9	1460.5	1460.3	1512	1440	25
106	1500.0	1474.6	1474.6	1526	1454	25
107	1514.1	1488.7	1488.6	1540	1469	25
108	1528.3	1502.9	1502.9	1554	1483	25
109	1542.4	1517.0	1516.9	1568	1497	25
110	1556.6	1531.2	1531.2	1583	1511	25
111	1570.7	1545.3	1545.2	1597	1525	25
112	1584.9	1559.5	1559.5	1611	1539	25
113	1599.0	1573.6	1573.5	1625	1553	25
114	1613.2	1587.8	1587.8	1639	1568	25
115	1627.3	1601.9	1601.8	1653	1582	25
116	1641.5	1616.1	1616.1	1668	1596	25
117	1655.6	1630.2	1630.1	1682	1610	25
118	1669.8	1644.4	1644.4	1696	1624	25
119	1683.9	1658.5	1658.4	1710	1638	25
120	1698.1	1672.7	1672.7	1724	1652	25
121	1712.2	1686.8	1686.7	1738	1667	25
122	1726.4	1701.0	1701.0	1752	1681	25
123	1740.5	1715.1	1715.0	1767	1695	25
124	1754.6	1729.2	1729.2	1781	1709	25

125	1768.8	1743.4	1743.3	1795	1723	25
126	1782.9	1757.5	1757.5	1809	1737	25
127	1797.1	1771.7	1771.6	1823	1752	25
128	1811.2	1785.8	1785.8	1837	1766	25
129	1825.4	1800.0	1799.8	1852	1780	25
130	1839.5	1814.1	1814.1	1866	1794	25
131	1853.7	1828.3	1828.1	1880	1808	25
132	1867.8	1842.4	1842.4	1894	1822	25
133	1882.0	1856.6	1856.4	1908	1836	25
134	1896.1	1870.7	1870.7	1922	1851	25
135	1910.3	1884.9	1884.7	1936	1865	25
136	1924.4	1899.0	1899.0	1951	1879	25
137	1938.6	1913.2	1913.0	1965	1893	25
138	1952.7	1927.3	1927.3	1979	1907	25
139	1966.9	1941.5	1941.3	1993	1921	25
140	1981.0	1955.6	1955.6	2007	1936	25
141	1995.2	1969.8	1969.6	2021	1950	25
142	2009.3	1983.9	1983.9	2035	1964	25
143	2023.5	1998.1	1997.9	2050	1978	25
144	2037.6	2012.2	2012.2	2064	1992	25
145	2051.7	2026.3	2026.2	2078	2006	25
146	2065.9	2040.5	2040.5	2092	2020	25
147	2080.0	2054.6	2054.5	2106	2035	25
148	2094.2	2068.8	2068.8	2120	2049	25
149	2108.3	2082.9	2082.8	2135	2063	25
150	2122.5	2097.1	2097.1	2149	2077	25

**Table of Sprocket 160; (ASME/ANSI B29.1M)**



<h1>160</h1>	Item		Symbol	mm		
	Pitch		P	50.8		
	Roller Diameter		Dr	28.57		
	Tooth Width (Single)		B1	29.4		
	Tooth Width (Duplex)		B2	28.4		
	Tooth Width (Triplex)		B3	28.4		
	Transverse Pitch of Strands		Pt	58.55		
	Tooth Side Relief		ch	6.4		
	Tooth Side Relief high		h	25.4		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
Length through (Triplex)		L3	=d+(2xpt)+B3			
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	164.4	135.8	135.8	187	105	25
11	180.3	151.7	149.9	203	122	25
12	196.3	167.7	167.7	220	138	25
13	212.3	183.7	182.2	237	155	25
14	228.3	199.7	199.7	253	171	25
15	244.3	215.8	214.4	269	188	25
16	260.4	231.8	231.8	286	204	25
17	276.5	247.9	246.7	302	220	25
18	292.5	264.0	264.0	319	237	25
19	308.6	280.1	279.0	335	253	25
20	324.7	296.2	296.2	351	269	25
21	340.8	312.3	311.3	368	286	25
22	357.0	328.4	328.4	384	302	25
23	373.1	344.5	343.6	400	318	25
24	389.2	360.6	360.6	416	335	25
25	405.3	376.7	375.9	433	351	25
26	421.4	392.9	392.9	449	367	25
27	437.6	409.0	408.3	465	383	25
28	453.7	425.1	425.1	481	400	25
29	469.9	441.3	440.6	498	416	25
30	486.0	457.4	457.4	514	432	25
31	502.1	473.6	472.9	530	448	25
32	518.3	489.7	489.7	546	464	25

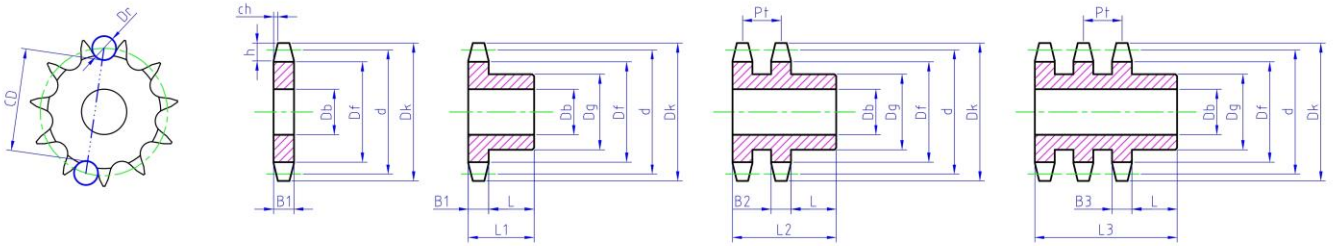


33	534.4	505.9	505.2	562	481	25
34	550.6	522.0	522.0	579	497	25
35	566.7	538.1	537.6	595	513	25
36	582.9	554.3	554.3	611	529	25
37	599.0	570.4	569.9	627	546	25
38	615.2	586.6	586.6	644	562	25
39	631.3	602.7	602.2	660	578	25
40	647.5	618.9	618.9	676	594	25
41	663.6	635.1	634.6	692	610	25
42	679.8	651.2	651.2	708	627	25
43	695.9	667.4	666.9	725	643	25
44	712.1	683.5	683.5	741	659	25
45	728.2	699.7	699.2	757	675	25
46	744.4	715.8	715.8	773	691	25
47	760.6	732.0	731.6	789	708	25
48	776.7	748.2	748.2	806	724	25
49	792.9	764.3	763.9	822	740	25
50	809.0	780.5	780.5	838	756	25
51	825.2	796.6	796.2	854	772	25
52	841.4	812.8	812.8	870	788	25
53	857.5	828.9	828.6	886	805	25
54	873.7	845.1	845.1	903	821	25
55	889.8	861.3	860.9	919	837	25
56	906.0	877.4	877.4	935	853	25
57	922.2	893.6	893.2	951	869	25
58	938.3	909.8	909.8	967	886	25
59	954.5	925.9	925.6	984	902	25
60	970.7	942.1	942.1	1000	918	25
61	986.8	958.2	957.9	1016	934	25
62	1003.0	974.4	974.4	1032	950	25
63	1019.1	990.6	990.3	1048	967	25
64	1035.3	1006.7	1006.7	1065	983	25
65	1051.5	1022.9	1022.6	1081	999	25
66	1067.6	1039.1	1039.1	1097	1015	25
67	1083.8	1055.2	1054.9	1113	1031	25
68	1100.0	1071.4	1071.4	1129	1047	25
69	1116.1	1087.6	1087.3	1145	1064	25
70	1132.3	1103.7	1103.7	1162	1080	25
71	1148.5	1119.9	1119.6	1178	1096	25
72	1164.6	1136.0	1136.0	1194	1112	25
73	1180.8	1152.2	1151.9	1210	1128	25
74	1197.0	1168.4	1168.4	1226	1145	25
75	1213.1	1184.5	1184.3	1243	1161	25
76	1229.3	1200.7	1200.7	1259	1177	25
77	1245.4	1216.9	1216.6	1275	1193	25
78	1261.6	1233.0	1233.0	1291	1209	25

79	1277.8	1249.2	1249.0	1307	1225	25
80	1293.9	1265.4	1265.4	1323	1242	25
81	1310.1	1281.5	1281.3	1340	1258	25
82	1326.3	1297.7	1297.7	1356	1274	25
83	1342.4	1313.9	1313.6	1372	1290	25
84	1358.6	1330.0	1330.0	1388	1306	25
85	1374.8	1346.2	1346.0	1404	1323	25
86	1390.9	1362.4	1362.4	1420	1339	25
87	1407.1	1378.5	1378.3	1437	1355	25
88	1423.3	1394.7	1394.7	1453	1371	25
89	1439.4	1410.9	1410.6	1469	1387	25
90	1455.6	1427.0	1427.0	1485	1403	25
91	1471.8	1443.2	1443.0	1501	1420	25
92	1487.9	1459.4	1459.4	1518	1436	25
93	1504.1	1475.5	1475.3	1534	1452	25
94	1520.3	1491.7	1491.7	1550	1468	25
95	1536.4	1507.9	1507.7	1566	1484	25
96	1552.6	1524.0	1524.0	1582	1500	25
97	1568.8	1540.2	1540.0	1598	1517	25
98	1584.9	1556.4	1556.4	1615	1533	25
99	1601.1	1572.5	1572.3	1631	1549	25
100	1617.3	1588.7	1588.7	1647	1565	25
101	1633.4	1604.9	1604.7	1663	1581	25
102	1649.6	1621.0	1621.0	1679	1598	25
103	1665.8	1637.2	1637.0	1695	1614	25
104	1682.0	1653.4	1653.4	1712	1630	25
105	1698.1	1669.5	1669.4	1728	1646	25
106	1714.3	1685.7	1685.7	1744	1662	25
107	1730.5	1701.9	1701.7	1760	1678	25
108	1746.6	1718.1	1718.1	1776	1695	25
109	1762.8	1734.2	1734.0	1793	1711	25
110	1779.0	1750.4	1750.4	1809	1727	25
111	1795.1	1766.6	1766.4	1825	1743	25
112	1811.3	1782.7	1782.7	1841	1759	25
113	1827.5	1798.9	1798.7	1857	1775	25
114	1843.6	1815.1	1815.1	1873	1792	25
115	1859.8	1831.2	1831.1	1890	1808	25
116	1876.0	1847.4	1847.4	1906	1824	25
117	1892.1	1863.6	1863.4	1922	1840	25
118	1908.3	1879.7	1879.7	1938	1856	25
119	1924.5	1895.9	1895.7	1954	1872	25
120	1940.6	1912.1	1912.1	1970	1889	25
121	1956.8	1928.2	1928.1	1987	1905	25
122	1973.0	1944.4	1944.4	2003	1921	25
123	1989.1	1960.6	1960.4	2019	1937	25
124	2005.3	1976.7	1976.7	2035	1953	25

125	2021.5	1992.9	1992.8	2051	1970	25
126	2037.6	2009.1	2009.1	2067	1986	25
127	2053.8	2025.2	2025.1	2084	2002	25
128	2070.0	2041.4	2041.4	2100	2018	25
129	2086.2	2057.6	2057.4	2116	2034	25
130	2102.3	2073.8	2073.8	2132	2050	25
131	2118.5	2089.9	2089.8	2148	2067	25
132	2134.7	2106.1	2106.1	2165	2083	25
133	2150.8	2122.3	2122.1	2181	2099	25
134	2167.0	2138.4	2138.4	2197	2115	25
135	2183.2	2154.6	2154.4	2213	2131	25
136	2199.3	2170.8	2170.8	2229	2147	25
137	2215.5	2186.9	2186.8	2245	2164	25
138	2231.7	2203.1	2203.1	2262	2180	25
139	2247.8	2219.3	2219.1	2278	2196	25
140	2264.0	2235.4	2235.4	2294	2212	25
141	2280.2	2251.6	2251.5	2310	2228	25
142	2296.3	2267.8	2267.8	2326	2244	25
143	2312.5	2283.9	2283.8	2342	2261	25
144	2328.7	2300.1	2300.1	2359	2277	25
145	2344.9	2316.3	2316.1	2375	2293	25
146	2361.0	2332.5	2332.5	2391	2309	25
147	2377.2	2348.6	2348.5	2407	2325	25
148	2393.4	2364.8	2364.8	2423	2341	25
149	2409.5	2381.0	2380.8	2439	2358	25
150	2425.7	2397.1	2397.1	2456	2374	25

**Table of Sprocket 180; (ASME/ANSI B29.1M)**



<h1>180</h1>	Item		Symbol	mm		
	Pitch		P	57.15		
	Roller Diameter		Dr	35.71		
	Tooth Width (Single)		B1	33.1		
	Tooth Width (Duplex)		B2	32.0		
	Tooth Width (Triplex)		B3	32.0		
	Transverse Pitch of Strands		Pt	65.84		
	Tooth Side Relief		ch	7.1		
	Tooth Side Relief high		h	28.6		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
Length through (Triplex)		L3	=d+(2xpt)+B3			
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

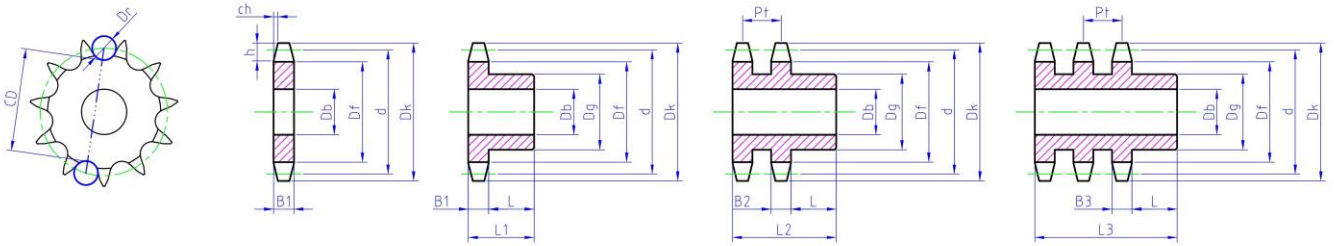
Z	d	Df	CD	Dk	Dg	Db/L
10	184.9	149.2	149.2	210	118	25
11	202.9	167.1	165.1	229	137	25
12	220.8	185.1	185.1	248	156	25
13	238.8	203.1	201.4	266	174	25
14	256.8	221.1	221.1	285	193	25
15	274.9	239.2	237.7	303	211	25
16	292.9	257.2	257.2	322	230	25
17	311.0	275.3	274.0	340	248	25
18	329.1	293.4	293.4	358	266	25
19	347.2	311.5	310.3	377	285	25
20	365.3	329.6	329.6	395	303	25
21	383.4	347.7	346.7	413	321	25
22	401.6	365.9	365.9	432	340	25
23	419.7	384.0	383.0	450	358	25
24	437.8	402.1	402.1	468	376	25
25	456.0	420.3	419.4	487	395	25
26	474.1	438.4	438.4	505	413	25
27	492.3	456.6	455.7	523	431	25
28	510.4	474.7	474.7	542	450	25
29	528.6	492.9	492.1	560	468	25
30	546.7	511.0	511.0	578	486	25
31	564.9	529.2	528.5	596	504	25
32	583.1	547.4	547.4	615	523	25

33	601.2	565.5	564.8	633	541	25
34	619.4	583.7	583.7	651	559	25
35	637.6	601.8	601.2	669	577	25
36	655.7	620.0	620.0	688	596	25
37	673.9	638.2	637.6	706	614	25
38	692.1	656.4	656.4	724	632	25
39	710.2	674.5	673.9	742	650	25
40	728.4	692.7	692.7	760	668	25
41	746.6	710.9	710.3	779	687	25
42	764.8	729.0	729.0	797	705	25
43	782.9	747.2	746.7	815	723	25
44	801.1	765.4	765.4	833	741	25
45	819.3	783.6	783.1	852	760	25
46	837.5	801.7	801.7	870	778	25
47	855.6	819.9	819.4	888	796	25
48	873.8	838.1	838.1	906	814	25
49	892.0	856.3	855.8	924	832	25
50	910.2	874.5	874.5	943	851	25
51	928.3	892.6	892.2	961	869	25
52	946.5	910.8	910.8	979	887	25
53	964.7	929.0	928.6	997	905	25
54	982.9	947.2	947.2	1016	924	25
55	1001.1	965.4	965.0	1034	942	25
56	1019.3	983.5	983.5	1052	960	25
57	1037.4	1001.7	1001.3	1070	978	25
58	1055.6	1019.9	1019.9	1088	996	25
59	1073.8	1038.1	1037.7	1107	1015	25
60	1092.0	1056.3	1056.3	1125	1033	25
61	1110.2	1074.5	1074.1	1143	1051	25
62	1128.4	1092.6	1092.6	1161	1069	25
63	1146.5	1110.8	1110.5	1179	1087	25
64	1164.7	1129.0	1129.0	1198	1106	25
65	1182.9	1147.2	1146.8	1216	1124	25
66	1201.1	1165.4	1165.4	1234	1142	25
67	1219.3	1183.6	1183.2	1252	1160	25
68	1237.5	1201.7	1201.7	1270	1178	25
69	1255.6	1219.9	1219.6	1289	1197	25
70	1273.8	1238.1	1238.1	1307	1215	25
71	1292.0	1256.3	1256.0	1325	1233	25
72	1310.2	1274.5	1274.5	1343	1251	25
73	1328.4	1292.7	1292.4	1361	1269	25
74	1346.6	1310.9	1310.9	1380	1288	25
75	1364.8	1329.0	1328.7	1398	1306	25
76	1382.9	1347.2	1347.2	1416	1324	25
77	1401.1	1365.4	1365.1	1434	1342	25
78	1419.3	1383.6	1383.6	1452	1360	25

79	1437.5	1401.8	1401.5	1471	1379	25
80	1455.7	1420.0	1420.0	1489	1397	25
81	1473.9	1438.2	1437.9	1507	1415	25
82	1492.1	1456.4	1456.4	1525	1433	25
83	1510.2	1474.5	1474.3	1543	1451	25
84	1528.4	1492.7	1492.7	1562	1470	25
85	1546.6	1510.9	1510.6	1580	1488	25
86	1564.8	1529.1	1529.1	1598	1506	25
87	1583.0	1547.3	1547.0	1616	1524	25
88	1601.2	1565.5	1565.5	1634	1542	25
89	1619.4	1583.7	1583.4	1653	1561	25
90	1637.6	1601.8	1601.8	1671	1579	25
91	1655.7	1620.0	1619.8	1689	1597	25
92	1673.9	1638.2	1638.2	1707	1615	25
93	1692.1	1656.4	1656.2	1725	1633	25
94	1710.3	1674.6	1674.6	1744	1652	25
95	1728.5	1692.8	1692.6	1762	1670	25
96	1746.7	1711.0	1711.0	1780	1688	25
97	1764.9	1729.2	1728.9	1798	1706	25
98	1783.1	1747.4	1747.4	1816	1724	25
99	1801.3	1765.5	1765.3	1835	1743	25
100	1819.4	1783.7	1783.7	1853	1761	25
101	1837.6	1801.9	1801.7	1871	1779	25
102	1855.8	1820.1	1820.1	1889	1797	25
103	1874.0	1838.3	1838.1	1907	1815	25
104	1892.2	1856.5	1856.5	1926	1834	25
105	1910.4	1874.7	1874.5	1944	1852	25
106	1928.6	1892.9	1892.9	1962	1870	25
107	1946.8	1911.1	1910.8	1980	1888	25
108	1964.9	1929.2	1929.2	1998	1906	25
109	1983.1	1947.4	1947.2	2017	1925	25
110	2001.3	1965.6	1965.6	2035	1943	25
111	2019.5	1983.8	1983.6	2053	1961	25
112	2037.7	2002.0	2002.0	2071	1979	25
113	2055.9	2020.2	2020.0	2089	1997	25
114	2074.1	2038.4	2038.4	2108	2016	25
115	2092.3	2056.6	2056.4	2126	2034	25
116	2110.5	2074.8	2074.8	2144	2052	25
117	2128.7	2092.9	2092.7	2162	2070	25
118	2146.8	2111.1	2111.1	2180	2088	25
119	2165.0	2129.3	2129.1	2199	2107	25
120	2183.2	2147.5	2147.5	2217	2125	25
121	2201.4	2165.7	2165.5	2235	2143	25
122	2219.6	2183.9	2183.9	2253	2161	25
123	2237.8	2202.1	2201.9	2271	2179	25
124	2256.0	2220.3	2220.3	2290	2198	25

125	2274.2	2238.5	2238.3	2308	2216	25
126	2292.4	2256.6	2256.6	2326	2234	25
127	2310.5	2274.8	2274.7	2344	2252	25
128	2328.7	2293.0	2293.0	2362	2270	25
129	2346.9	2311.2	2311.0	2381	2289	25
130	2365.1	2329.4	2329.4	2399	2307	25
131	2383.3	2347.6	2347.4	2417	2325	25
132	2401.5	2365.8	2365.8	2435	2343	25
133	2419.7	2384.0	2383.8	2453	2361	25
134	2437.9	2402.2	2402.2	2471	2380	25
135	2456.1	2420.4	2420.2	2490	2398	25
136	2474.3	2438.5	2438.5	2508	2416	25
137	2492.4	2456.7	2456.6	2526	2434	25
138	2510.6	2474.9	2474.9	2544	2452	25
139	2528.8	2493.1	2492.9	2562	2470	25
140	2547.0	2511.3	2511.3	2581	2489	25
141	2565.2	2529.5	2529.3	2599	2507	25
142	2583.4	2547.7	2547.7	2617	2525	25
143	2601.6	2565.9	2565.7	2635	2543	25
144	2619.8	2584.1	2584.1	2653	2561	25
145	2638.0	2602.3	2602.1	2672	2580	25
146	2656.2	2620.4	2620.4	2690	2598	25
147	2674.3	2638.6	2638.5	2708	2616	25
148	2692.5	2656.8	2656.8	2726	2634	25
149	2710.7	2675.0	2674.9	2744	2652	25
150	2728.9	2693.2	2693.2	2763	2671	25

**Table of Sprocket 200; (ASME/ANSI B29.1M)**



<h1>200</h1>	Item		Symbol	mm		
	Pitch		P	63.5		
	Roller Diameter		Dr	39.67		
	Tooth Width (Single)		B1	35.3		
	Tooth Width (Duplex)		B2	34.1		
	Tooth Width (Triplex)		B3	34.1		
	Transverse Pitch of Strands		Pt	71.55		
	Tooth Side Relief		ch	7.9		
	Tooth Side Relief high		h	31.8		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	205.5	165.8	165.8	234	131	25
11	225.4	185.7	183.4	254	152	25
12	245.3	205.7	205.7	275	173	25
13	265.3	225.7	223.7	296	194	25
14	285.4	245.7	245.7	316	214	25
15	305.4	265.7	264.1	337	235	25
16	325.5	285.8	285.8	357	255	25
17	345.6	305.9	304.4	378	276	25
18	365.7	326.0	326.0	398	296	25
19	385.8	346.1	344.8	419	317	25
20	405.9	366.3	366.3	439	337	25
21	426.1	386.4	385.2	459	357	25
22	446.2	406.5	406.5	480	378	25
23	466.3	426.7	425.6	500	398	25
24	486.5	446.8	446.8	520	418	25
25	506.6	467.0	466.0	541	439	25
26	526.8	487.1	487.1	561	459	25
27	547.0	507.3	506.4	581	479	25
28	567.1	527.5	527.5	602	500	25
29	587.3	547.6	546.8	622	520	25
30	607.5	567.8	567.8	642	540	25
31	627.7	588.0	587.2	663	560	25
32	647.8	608.2	608.2	683	581	25

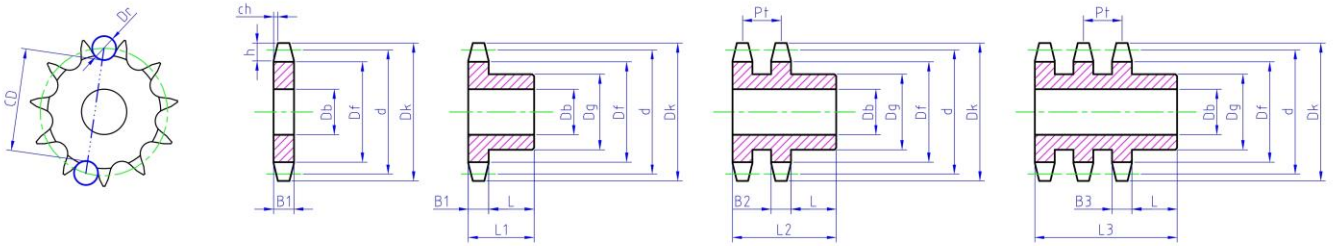


33	668.0	628.4	627.6	703	601	25
34	688.2	648.5	648.5	723	621	25
35	708.4	668.7	668.0	744	642	25
36	728.6	688.9	688.9	764	662	25
37	748.8	709.1	708.4	784	682	25
38	769.0	729.3	729.3	804	702	25
39	789.1	749.5	748.8	825	723	25
40	809.3	769.7	769.7	845	743	25
41	829.5	789.9	789.3	865	763	25
42	849.7	810.1	810.1	885	783	25
43	869.9	830.2	829.7	906	804	25
44	890.1	850.4	850.4	926	824	25
45	910.3	870.6	870.1	946	844	25
46	930.5	890.8	890.8	966	864	25
47	950.7	911.0	910.5	987	885	25
48	970.9	931.2	931.2	1007	905	25
49	991.1	951.4	950.9	1027	925	25
50	1011.3	971.6	971.6	1047	945	25
51	1031.5	991.8	991.3	1068	966	25
52	1051.7	1012.0	1012.0	1088	986	25
53	1071.9	1032.2	1031.8	1108	1006	25
54	1092.1	1052.4	1052.4	1128	1026	25
55	1112.3	1072.6	1072.2	1149	1046	25
56	1132.5	1092.8	1092.8	1169	1067	25
57	1152.7	1113.0	1112.6	1189	1087	25
58	1172.9	1133.2	1133.2	1209	1107	25
59	1193.1	1153.4	1153.0	1230	1127	25
60	1213.3	1173.6	1173.6	1250	1148	25
61	1233.5	1193.8	1193.4	1270	1168	25
62	1253.7	1214.1	1214.1	1290	1188	25
63	1273.9	1234.3	1233.9	1310	1208	25
64	1294.1	1254.5	1254.5	1331	1229	25
65	1314.3	1274.7	1274.3	1351	1249	25
66	1334.5	1294.9	1294.9	1371	1269	25
67	1354.7	1315.1	1314.7	1391	1289	25
68	1375.0	1335.3	1335.3	1412	1309	25
69	1395.2	1355.5	1355.1	1432	1330	25
70	1415.4	1375.7	1375.7	1452	1350	25
71	1435.6	1395.9	1395.5	1472	1370	25
72	1455.8	1416.1	1416.1	1492	1390	25
73	1476.0	1436.3	1436.0	1513	1411	25
74	1496.2	1456.5	1456.5	1533	1431	25
75	1516.4	1476.7	1476.4	1553	1451	25
76	1536.6	1496.9	1496.9	1573	1471	25
77	1556.8	1517.1	1516.8	1594	1491	25
78	1577.0	1537.3	1537.3	1614	1512	25

79	1597.2	1557.6	1557.2	1634	1532	25
80	1617.4	1577.8	1577.8	1654	1552	25
81	1637.6	1598.0	1597.7	1675	1572	25
82	1657.8	1618.2	1618.2	1695	1593	25
83	1678.1	1638.4	1638.1	1715	1613	25
84	1698.3	1658.6	1658.6	1735	1633	25
85	1718.5	1678.8	1678.5	1755	1653	25
86	1738.7	1699.0	1699.0	1776	1673	25
87	1758.9	1719.2	1718.9	1796	1694	25
88	1779.1	1739.4	1739.4	1816	1714	25
89	1799.3	1759.6	1759.4	1836	1734	25
90	1819.5	1779.8	1779.8	1857	1754	25
91	1839.7	1800.0	1799.8	1877	1775	25
92	1859.9	1820.3	1820.3	1897	1795	25
93	1880.1	1840.5	1840.2	1917	1815	25
94	1900.3	1860.7	1860.7	1937	1835	25
95	1920.6	1880.9	1880.6	1958	1855	25
96	1940.8	1901.1	1901.1	1978	1876	25
97	1961.0	1921.3	1921.0	1998	1896	25
98	1981.2	1941.5	1941.5	2018	1916	25
99	2001.4	1961.7	1961.5	2038	1936	25
100	2021.6	1981.9	1981.9	2059	1957	25
101	2041.8	2002.1	2001.9	2079	1977	25
102	2062.0	2022.3	2022.3	2099	1997	25
103	2082.2	2042.6	2042.3	2119	2017	25
104	2102.4	2062.8	2062.8	2140	2037	25
105	2122.6	2083.0	2082.7	2160	2058	25
106	2142.9	2103.2	2103.2	2180	2078	25
107	2163.1	2123.4	2123.2	2200	2098	25
108	2183.3	2143.6	2143.6	2220	2118	25
109	2203.5	2163.8	2163.6	2241	2139	25
110	2223.7	2184.0	2184.0	2261	2159	25
111	2243.9	2204.2	2204.0	2281	2179	25
112	2264.1	2224.4	2224.4	2301	2199	25
113	2284.3	2244.7	2244.4	2322	2219	25
114	2304.5	2264.9	2264.9	2342	2240	25
115	2324.7	2285.1	2284.9	2362	2260	25
116	2345.0	2305.3	2305.3	2382	2280	25
117	2365.2	2325.5	2325.3	2402	2300	25
118	2385.4	2345.7	2345.7	2423	2321	25
119	2405.6	2365.9	2365.7	2443	2341	25
120	2425.8	2386.1	2386.1	2463	2361	25
121	2446.0	2406.3	2406.1	2483	2381	25
122	2466.2	2426.5	2426.5	2504	2401	25
123	2486.4	2446.8	2446.6	2524	2422	25
124	2506.6	2467.0	2467.0	2544	2442	25

125	2526.9	2487.2	2487.0	2564	2462	25
126	2547.1	2507.4	2507.4	2584	2482	25
127	2567.3	2527.6	2527.4	2605	2502	25
128	2587.5	2547.8	2547.8	2625	2523	25
129	2607.7	2568.0	2567.8	2645	2543	25
130	2627.9	2588.2	2588.2	2665	2563	25
131	2648.1	2608.4	2608.3	2685	2583	25
132	2668.3	2628.7	2628.7	2706	2604	25
133	2688.5	2648.9	2648.7	2726	2624	25
134	2708.7	2669.1	2669.1	2746	2644	25
135	2729.0	2689.3	2689.1	2766	2664	25
136	2749.2	2709.5	2709.5	2787	2684	25
137	2769.4	2729.7	2729.5	2807	2705	25
138	2789.6	2749.9	2749.9	2827	2725	25
139	2809.8	2770.1	2770.0	2847	2745	25
140	2830.0	2790.3	2790.3	2867	2765	25
141	2850.2	2810.6	2810.4	2888	2785	25
142	2870.4	2830.8	2830.8	2908	2806	25
143	2890.6	2851.0	2850.8	2928	2826	25
144	2910.9	2871.2	2871.2	2948	2846	25
145	2931.1	2891.4	2891.2	2968	2866	25
146	2951.3	2911.6	2911.6	2989	2887	25
147	2971.5	2931.8	2931.7	3009	2907	25
148	2991.7	2952.0	2952.0	3029	2927	25
149	3011.9	2972.2	2972.1	3049	2947	25
150	3032.1	2992.5	2992.5	3070	2967	25

**Table of Sprocket 240; (ASME/ANSI B29.1M)**



<h1>240</h1>	Item		Symbol	mm		
	Pitch		P	76.2		
	Roller Diameter		Dr	47.62		
	Tooth Width (Single)		B1	44.1		
	Tooth Width (Duplex)		B2	42.7		
	Tooth Width (Triplex)		B3	42.7		
	Transverse Pitch of Strands		Pt	87.83		
	Tooth Side Relief		ch	9.5		
	Tooth Side Relief high		h	38.1		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
Length through (Triplex)		L3	=d+(2xpt)+B3			
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

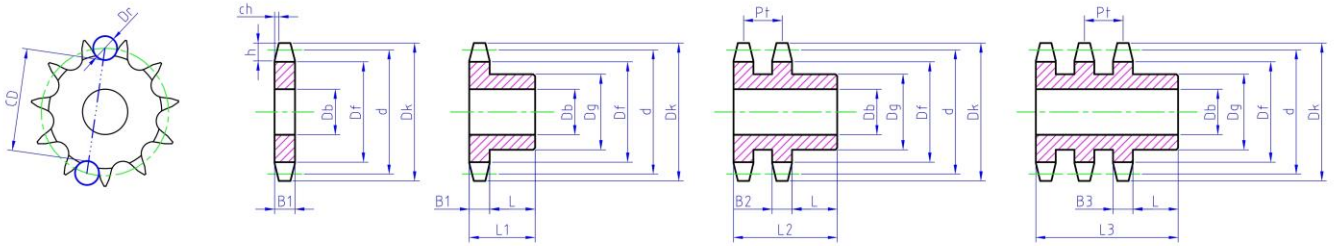
Z	d	Df	CD	Dk	Dg	Db/L
10	246.6	199.0	199.0	280	158	25
11	270.5	222.8	220.1	305	183	25
12	294.4	246.8	246.8	330	208	25
13	318.4	270.8	268.5	355	232	25
14	342.4	294.8	294.8	380	257	25
15	366.5	318.9	316.9	404	282	25
16	390.6	343.0	343.0	429	306	25
17	414.7	367.1	365.3	453	331	25
18	438.8	391.2	391.2	478	355	25
19	463.0	415.3	413.8	502	380	25
20	487.1	439.5	439.5	527	404	25
21	511.3	463.6	462.2	551	429	25
22	535.4	487.8	487.8	576	453	25
23	559.6	512.0	510.7	600	478	25
24	583.8	536.2	536.2	625	502	25
25	608.0	560.4	559.2	649	526	25
26	632.2	584.6	584.6	673	551	25
27	656.4	608.8	607.6	698	575	25
28	680.6	633.0	633.0	722	600	25
29	704.8	657.2	656.1	746	624	25
30	729.0	681.4	681.4	771	648	25
31	753.2	705.6	704.6	795	673	25
32	777.4	729.8	729.8	819	697	25

33	801.6	754.0	753.1	844	721	25
34	825.9	778.2	778.2	868	746	25
35	850.1	802.5	801.6	892	770	25
36	874.3	826.7	826.7	917	794	25
37	898.5	850.9	850.1	941	819	25
38	922.7	875.1	875.1	965	843	25
39	947.0	899.4	898.6	990	867	25
40	971.2	923.6	923.6	1014	891	25
41	995.4	947.8	947.1	1038	916	25
42	1019.7	972.0	972.0	1063	940	25
43	1043.9	996.3	995.6	1087	964	25
44	1068.1	1020.5	1020.5	1111	989	25
45	1092.4	1044.8	1044.1	1135	1013	25
46	1116.6	1069.0	1069.0	1160	1037	25
47	1140.8	1093.2	1092.6	1184	1062	25
48	1165.1	1117.5	1117.5	1208	1086	25
49	1189.3	1141.7	1141.1	1233	1110	25
50	1213.6	1165.9	1165.9	1257	1134	25
51	1237.8	1190.2	1189.6	1281	1159	25
52	1262.0	1214.4	1214.4	1305	1183	25
53	1286.3	1238.7	1238.1	1330	1207	25
54	1310.5	1262.9	1262.9	1354	1232	25
55	1334.8	1287.1	1286.6	1378	1256	25
56	1359.0	1311.4	1311.4	1403	1280	25
57	1383.2	1335.6	1335.1	1427	1304	25
58	1407.5	1359.9	1359.9	1451	1329	25
59	1431.7	1384.1	1383.6	1475	1353	25
60	1456.0	1408.4	1408.4	1500	1377	25
61	1480.2	1432.6	1432.1	1524	1402	25
62	1504.5	1456.8	1456.8	1548	1426	25
63	1528.7	1481.1	1480.6	1573	1450	25
64	1553.0	1505.3	1505.3	1597	1474	25
65	1577.2	1529.6	1529.1	1621	1499	25
66	1601.4	1553.8	1553.8	1645	1523	25
67	1625.7	1578.1	1577.6	1670	1547	25
68	1649.9	1602.3	1602.3	1694	1571	25
69	1674.2	1626.6	1626.1	1718	1596	25
70	1698.4	1650.8	1650.8	1742	1620	25
71	1722.7	1675.1	1674.6	1767	1644	25
72	1746.9	1699.3	1699.3	1791	1669	25
73	1771.2	1723.6	1723.1	1815	1693	25
74	1795.4	1747.8	1747.8	1840	1717	25
75	1819.7	1772.1	1771.7	1864	1741	25
76	1843.9	1796.3	1796.3	1888	1766	25
77	1868.2	1820.5	1820.2	1912	1790	25
78	1892.4	1844.8	1844.8	1937	1814	25

79	1916.7	1869.0	1868.7	1961	1838	25
80	1940.9	1893.3	1893.3	1985	1863	25
81	1965.2	1917.5	1917.2	2009	1887	25
82	1989.4	1941.8	1941.8	2034	1911	25
83	2013.7	1966.0	1965.7	2058	1935	25
84	2037.9	1990.3	1990.3	2082	1960	25
85	2062.2	2014.5	2014.2	2106	1984	25
86	2086.4	2038.8	2038.8	2131	2008	25
87	2110.7	2063.0	2062.7	2155	2033	25
88	2134.9	2087.3	2087.3	2179	2057	25
89	2159.2	2111.5	2111.2	2204	2081	25
90	2183.4	2135.8	2135.8	2228	2105	25
91	2207.7	2160.0	2159.7	2252	2130	25
92	2231.9	2184.3	2184.3	2276	2154	25
93	2256.2	2208.5	2208.2	2301	2178	25
94	2280.4	2232.8	2232.8	2325	2202	25
95	2304.7	2257.0	2256.7	2349	2227	25
96	2328.9	2281.3	2281.3	2373	2251	25
97	2353.2	2305.5	2305.2	2398	2275	25
98	2377.4	2329.8	2329.8	2422	2299	25
99	2401.7	2354.0	2353.7	2446	2324	25
100	2425.9	2378.3	2378.3	2470	2348	25
101	2450.2	2402.6	2402.3	2495	2372	25
102	2474.4	2426.8	2426.8	2519	2397	25
103	2498.7	2451.1	2450.8	2543	2421	25
104	2522.9	2475.3	2475.3	2567	2445	25
105	2547.2	2499.6	2499.3	2592	2469	25
106	2571.4	2523.8	2523.8	2616	2494	25
107	2595.7	2548.1	2547.8	2640	2518	25
108	2619.9	2572.3	2572.3	2665	2542	25
109	2644.2	2596.6	2596.3	2689	2566	25
110	2668.4	2620.8	2620.8	2713	2591	25
111	2692.7	2645.1	2644.8	2737	2615	25
112	2716.9	2669.3	2669.3	2762	2639	25
113	2741.2	2693.6	2693.3	2786	2663	25
114	2765.4	2717.8	2717.8	2810	2688	25
115	2789.7	2742.1	2741.8	2834	2712	25
116	2813.9	2766.3	2766.3	2859	2736	25
117	2838.2	2790.6	2790.3	2883	2760	25
118	2862.5	2814.8	2814.8	2907	2785	25
119	2886.7	2839.1	2838.8	2931	2809	25
120	2911.0	2863.3	2863.3	2956	2833	25
121	2935.2	2887.6	2887.3	2980	2857	25
122	2959.5	2911.8	2911.8	3004	2882	25
123	2983.7	2936.1	2935.9	3028	2906	25
124	3008.0	2960.3	2960.3	3053	2930	25

125	3032.2	2984.6	2984.4	3077	2955	25
126	3056.5	3008.9	3008.9	3101	2979	25
127	3080.7	3033.1	3032.9	3126	3003	25
128	3105.0	3057.4	3057.4	3150	3027	25
129	3129.2	3081.6	3081.4	3174	3052	25
130	3153.5	3105.9	3105.9	3198	3076	25
131	3177.7	3130.1	3129.9	3223	3100	25
132	3202.0	3154.4	3154.4	3247	3124	25
133	3226.2	3178.6	3178.4	3271	3149	25
134	3250.5	3202.9	3202.9	3295	3173	25
135	3274.7	3227.1	3226.9	3320	3197	25
136	3299.0	3251.4	3251.4	3344	3221	25
137	3323.3	3275.6	3275.4	3368	3246	25
138	3347.5	3299.9	3299.9	3392	3270	25
139	3371.8	3324.1	3323.9	3417	3294	25
140	3396.0	3348.4	3348.4	3441	3318	25
141	3420.3	3372.6	3372.4	3465	3343	25
142	3444.5	3396.9	3396.9	3489	3367	25
143	3468.8	3421.2	3420.9	3514	3391	25
144	3493.0	3445.4	3445.4	3538	3415	25
145	3517.3	3469.7	3469.5	3562	3440	25
146	3541.5	3493.9	3493.9	3586	3464	25
147	3565.8	3518.2	3518.0	3611	3488	25
148	3590.0	3542.4	3542.4	3635	3513	25
149	3614.3	3566.7	3566.5	3659	3537	25
150	3638.5	3590.9	3590.9	3683	3561	25

**Table of Sprocket 05B; (ISO 606, BS228)**



<h1>05B</h1>	Item		Symbol	mm		
	Pitch		P	8.0		
	Roller Diameter		Dr	5.0		
	Tooth Width (Single)		B1	2.8		
	Tooth Width (Duplex)		B2	2.7		
	Tooth Width (Triplex)		B3	2.7		
	Transverse Pitch of Strands		Pt	5.64		
	Tooth Side Relief		ch	0.5		
	Tooth Side Relief high		h	4.0		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	30.8	24.5	24.5	34.4	19	8
11	33.8	27.5	27.1	37.5	23	8
12	36.8	30.5	30.5	40.5	26	8
13	39.8	33.5	33.2	43.6	29	8
14	42.8	36.5	36.5	46.6	32	8
15	45.8	39.5	39.2	49.7	35	8
16	48.8	42.5	42.5	52.7	38	8
17	51.8	45.5	45.3	55.8	41	8
18	54.9	48.5	48.5	58.8	44	8
19	57.9	51.5	51.3	61.8	47	8
20	60.9	54.5	54.5	64.9	50	8
21	63.9	57.6	57.4	67.9	53	8
22	66.9	60.6	60.6	70.9	56	8
23	70.0	63.6	63.4	74.0	59	8
24	73.0	66.6	66.6	77.0	62	8
25	76.0	69.6	69.5	80.1	66	8
26	79.0	72.7	72.7	83.1	69	10
27	82.0	75.7	75.6	86.1	72	10
28	85.1	78.7	78.7	89.2	75	10
29	88.1	81.7	81.6	92.2	78	10
30	91.1	84.8	84.8	95.2	81	10

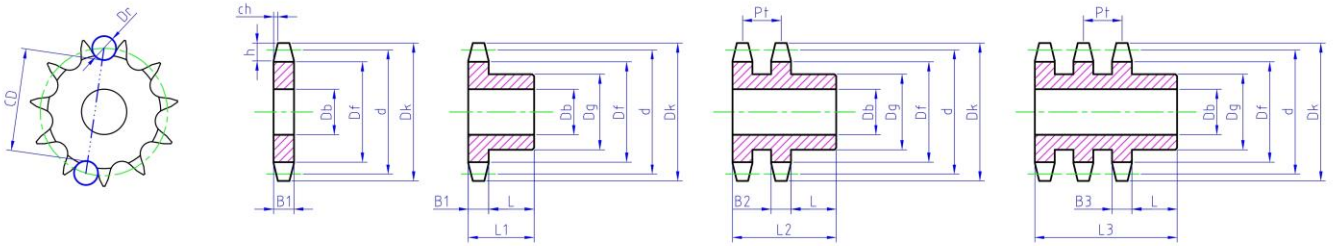


31	94.2	87.8	87.7	98.3	84	10
32	97.2	90.8	90.8	101.3	87	10
33	100.2	93.9	93.7	104.3	90	10
34	103.2	96.9	96.9	107.4	93	10
35	106.3	99.9	99.8	110.4	96	10
36	109.3	102.9	102.9	113.4	99	10
37	112.3	106.0	105.9	116.5	102	10
38	115.3	109.0	109.0	119.5	105	10
39	118.4	112.0	111.9	122.5	108	10
40	121.4	115.1	115.1	125.6	111	10
41	124.4	118.1	118.0	128.6	114	12
42	127.5	121.1	121.1	131.6	117	12
43	130.5	124.1	124.1	134.7	120	12
44	133.5	127.2	127.2	137.7	123	12
45	136.5	130.2	130.1	140.7	126	12
46	139.6	133.2	133.2	143.8	129	12
47	142.6	136.3	136.2	146.8	132	12
48	145.6	139.3	139.3	149.8	135	12
49	148.7	142.3	142.2	152.9	139	12
50	151.7	145.3	145.3	155.9	142	12
51	154.7	148.4	148.3	158.9	145	12
52	157.8	151.4	151.4	162.0	148	12
53	160.8	154.4	154.4	165.0	151	12
54	163.8	157.5	157.5	168.0	154	15
55	166.8	160.5	160.4	171.1	157	15
56	169.9	163.5	163.5	174.1	160	15
57	172.9	166.6	166.5	177.1	163	15
58	175.9	169.6	169.6	180.2	166	15
59	179.0	172.6	172.6	183.2	169	15
60	182.0	175.6	175.6	186.2	172	15
61	185.0	178.7	178.6	189.3	175	15
62	188.1	181.7	181.7	192.3	178	15
63	191.1	184.7	184.7	195.3	181	15
64	194.1	187.8	187.8	198.4	184	15
65	197.2	190.8	190.7	201.4	187	15
66	200.2	193.8	193.8	204.4	190	15
67	203.2	196.9	196.8	207.5	193	15
68	206.2	199.9	199.9	210.5	196	15
69	209.3	202.9	202.9	213.5	199	15
70	212.3	206.0	206.0	216.6	202	15
71	215.3	209.0	208.9	219.6	205	15
72	218.4	212.0	212.0	222.6	208	15
73	221.4	215.0	215.0	225.7	211	15

74	224.4	218.1	218.1	228.7	214	15
75	227.5	221.1	221.1	231.7	217	15
76	230.5	224.1	224.1	234.8	220	15
77	233.5	227.2	227.1	237.8	223	15
78	236.6	230.2	230.2	240.8	227	15
79	239.6	233.2	233.2	243.9	230	15
80	242.6	236.3	236.3	246.9	233	15
81	245.6	239.3	239.2	249.9	236	15
82	248.7	242.3	242.3	252.9	239	15
83	251.7	245.4	245.3	256.0	242	15
84	254.7	248.4	248.4	259.0	245	20
85	257.8	251.4	251.4	262.0	248	20
86	260.8	254.5	254.5	265.1	251	20
87	263.8	257.5	257.4	268.1	254	20
88	266.9	260.5	260.5	271.1	257	20
89	269.9	263.5	263.5	274.2	260	20
90	272.9	266.6	266.6	277.2	263	20
91	276.0	269.6	269.6	280.2	266	20
92	279.0	272.6	272.6	283.3	269	20
93	282.0	275.7	275.6	286.3	272	20
94	285.1	278.7	278.7	289.3	275	20
95	288.1	281.7	281.7	292.4	278	20
96	291.1	284.8	284.8	295.4	281	20
97	294.1	287.8	287.8	298.4	284	20
98	297.2	290.8	290.8	301.5	287	20
99	300.2	293.9	293.8	304.5	290	20
100	303.2	296.9	296.9	307.5	293	20
101	306.3	299.9	299.9	310.6	296	20
102	309.3	303.0	303.0	313.6	299	20
103	312.3	306.0	305.9	316.6	302	20
104	315.4	309.0	309.0	319.7	305	20
105	318.4	312.0	312.0	322.7	308	20
106	321.4	315.1	315.1	325.7	311	20
107	324.5	318.1	318.1	328.8	314	20
108	327.5	321.1	321.1	331.8	318	20
109	330.5	324.2	324.1	334.8	321	20
110	333.6	327.2	327.2	337.9	324	20
111	336.6	330.2	330.2	340.9	327	20
112	339.6	333.3	333.3	343.9	330	20
113	342.6	336.3	336.3	346.9	333	20
114	345.7	339.3	339.3	350.0	336	20
115	348.7	342.4	342.3	353.0	339	20
116	351.7	345.4	345.4	356.0	342	20

117	354.8	348.4	348.4	359.1	345	20
118	357.8	351.5	351.5	362.1	348	20
119	360.8	354.5	354.5	365.1	351	20
120	363.9	357.5	357.5	368.2	354	20
121	366.9	360.6	360.5	371.2	357	20
122	369.9	363.6	363.6	374.2	360	20
123	373.0	366.6	366.6	377.3	363	20
124	376.0	369.6	369.6	380.3	366	20
125	379.0	372.7	372.6	383.3	369	20
126	382.1	375.7	375.7	386.4	372	20
127	385.1	378.7	378.7	389.4	375	20
128	388.1	381.8	381.8	392.4	378	20
129	391.2	384.8	384.8	395.5	381	20
130	394.2	387.8	387.8	398.5	384	20
131	397.2	390.9	390.8	401.5	387	20
132	400.2	393.9	393.9	404.6	390	20
133	403.3	396.9	396.9	407.6	393	20
134	406.3	400.0	400.0	410.6	396	20
135	409.3	403.0	403.0	413.7	399	20
136	412.4	406.0	406.0	416.7	402	20
137	415.4	409.1	409.0	419.7	405	20
138	418.4	412.1	412.1	422.7	408	20
139	421.5	415.1	415.1	425.8	412	20
140	424.5	418.2	418.2	428.8	415	20
141	427.5	421.2	421.2	431.8	418	20
142	430.6	424.2	424.2	434.9	421	20
143	433.6	427.2	427.2	437.9	424	20
144	436.6	430.3	430.3	440.9	427	20
145	439.7	433.3	433.3	444.0	430	20
146	442.7	436.3	436.3	447.0	433	20
147	445.7	439.4	439.3	450.0	436	20
148	448.8	442.4	442.4	453.1	439	20
149	451.8	445.4	445.4	456.1	442	20
150	454.8	448.5	448.5	459.1	445	20

**Table of Sprocket 06B; (ISO 606, BS228)**



<h1>06B</h1>	Item		Symbol	mm		
	Pitch		P	9.525		
	Roller Diameter		Dr	6.35		
	Tooth Width (Single)		B1	5.3		
	Tooth Width (Duplex)		B2	5.2		
	Tooth Width (Triplex)		B3	5.2		
	Transverse Pitch of Strands		Pt	10.24		
	Tooth Side Relief		ch	0.6		
	Tooth Side Relief high		h	4.8		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
Length through (Triplex)		L3	=d+(2xpt)+B3			
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

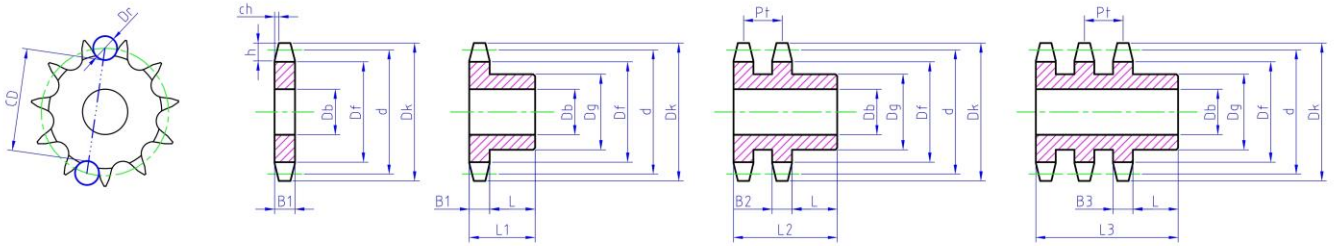
Z	d	Df	CD	Dk	Dg	Db/L
10	30.8	24.5	24.5	34.4	19	12
11	33.8	27.5	27.1	37.5	23	12
12	36.8	30.5	30.5	40.5	26	12
13	39.8	33.5	33.2	43.6	29	15
14	42.8	36.5	36.5	46.6	32	15
15	45.8	39.5	39.2	49.7	35	15
16	48.8	42.5	42.5	52.7	38	15
17	51.8	45.5	45.3	55.8	41	15
18	54.9	48.5	48.5	58.8	44	15
19	57.9	51.5	51.3	61.8	47	15
20	60.9	54.5	54.5	64.9	50	15
21	63.9	57.6	57.4	67.9	53	20
22	66.9	60.6	60.6	70.9	56	20
23	70.0	63.6	63.4	74.0	59	20
24	73.0	66.6	66.6	77.0	62	20
25	76.0	69.6	69.5	80.1	66	20
26	79.0	72.7	72.7	83.1	69	20
27	82.0	75.7	75.6	86.1	72	20
28	85.1	78.7	78.7	89.2	75	20
29	88.1	81.7	81.6	92.2	78	20
30	91.1	84.8	84.8	95.2	81	20

31	94.2	87.8	87.7	98.3	84	20
32	97.2	90.8	90.8	101.3	87	20
33	100.2	93.9	93.7	104.3	90	20
34	103.2	96.9	96.9	107.4	93	20
35	106.3	99.9	99.8	110.4	96	20
36	109.3	102.9	102.9	113.4	99	20
37	112.3	106.0	105.9	116.5	102	20
38	115.3	109.0	109.0	119.5	105	20
39	118.4	112.0	111.9	122.5	108	20
40	121.4	115.1	115.1	125.6	111	25
41	124.4	118.1	118.0	128.6	114	25
42	127.5	121.1	121.1	131.6	117	25
43	130.5	124.1	124.1	134.7	120	25
44	133.5	127.2	127.2	137.7	123	25
45	136.5	130.2	130.1	140.7	126	25
46	139.6	133.2	133.2	143.8	129	25
47	142.6	136.3	136.2	146.8	132	25
48	145.6	139.3	139.3	149.8	135	25
49	148.7	142.3	142.2	152.9	139	25
50	151.7	145.3	145.3	155.9	142	25
51	154.7	148.4	148.3	158.9	145	25
52	157.8	151.4	151.4	162.0	148	25
53	160.8	154.4	154.4	165.0	151	25
54	163.8	157.5	157.5	168.0	154	25
55	166.8	160.5	160.4	171.1	157	25
56	169.9	163.5	163.5	174.1	160	25
57	172.9	166.6	166.5	177.1	163	25
58	175.9	169.6	169.6	180.2	166	25
59	179.0	172.6	172.6	183.2	169	25
60	182.0	175.6	175.6	186.2	172	25
61	185.0	178.7	178.6	189.3	175	25
62	188.1	181.7	181.7	192.3	178	25
63	191.1	184.7	184.7	195.3	181	25
64	194.1	187.8	187.8	198.4	184	25
65	197.2	190.8	190.7	201.4	187	25
66	200.2	193.8	193.8	204.4	190	25
67	203.2	196.9	196.8	207.5	193	25
68	206.2	199.9	199.9	210.5	196	25
69	209.3	202.9	202.9	213.5	199	25
70	212.3	206.0	206.0	216.6	202	25
71	215.3	209.0	208.9	219.6	205	25
72	218.4	212.0	212.0	222.6	208	25
73	221.4	215.0	215.0	225.7	211	25

74	224.4	218.1	218.1	228.7	214	25
75	227.5	221.1	221.1	231.7	217	25
76	230.5	224.1	224.1	234.8	220	25
77	233.5	227.2	227.1	237.8	223	25
78	236.6	230.2	230.2	240.8	227	25
79	239.6	233.2	233.2	243.9	230	25
80	242.6	236.3	236.3	246.9	233	25
81	245.6	239.3	239.2	249.9	236	25
82	248.7	242.3	242.3	252.9	239	25
83	251.7	245.4	245.3	256.0	242	25
84	254.7	248.4	248.4	259.0	245	25
85	257.8	251.4	251.4	262.0	248	25
86	260.8	254.5	254.5	265.1	251	25
87	263.8	257.5	257.4	268.1	254	25
88	266.9	260.5	260.5	271.1	257	25
89	269.9	263.5	263.5	274.2	260	25
90	272.9	266.6	266.6	277.2	263	25
91	276.0	269.6	269.6	280.2	266	25
92	279.0	272.6	272.6	283.3	269	25
93	282.0	275.7	275.6	286.3	272	25
94	285.1	278.7	278.7	289.3	275	25
95	288.1	281.7	281.7	292.4	278	25
96	291.1	284.8	284.8	295.4	281	25
97	294.1	287.8	287.8	298.4	284	25
98	297.2	290.8	290.8	301.5	287	25
99	300.2	293.9	293.8	304.5	290	25
100	303.2	296.9	296.9	307.5	293	25
101	306.3	299.9	299.9	310.6	296	25
102	309.3	303.0	303.0	313.6	299	25
103	312.3	306.0	305.9	316.6	302	25
104	315.4	309.0	309.0	319.7	305	25
105	318.4	312.0	312.0	322.7	308	25
106	321.4	315.1	315.1	325.7	311	25
107	324.5	318.1	318.1	328.8	314	25
108	327.5	321.1	321.1	331.8	318	25
109	330.5	324.2	324.1	334.8	321	25
110	333.6	327.2	327.2	337.9	324	25
111	336.6	330.2	330.2	340.9	327	25
112	339.6	333.3	333.3	343.9	330	25
113	342.6	336.3	336.3	346.9	333	25
114	345.7	339.3	339.3	350.0	336	25
115	348.7	342.4	342.3	353.0	339	25
116	351.7	345.4	345.4	356.0	342	25

117	354.8	348.4	348.4	359.1	345	25
118	357.8	351.5	351.5	362.1	348	25
119	360.8	354.5	354.5	365.1	351	25
120	363.9	357.5	357.5	368.2	354	25
121	366.9	360.6	360.5	371.2	357	25
122	369.9	363.6	363.6	374.2	360	25
123	373.0	366.6	366.6	377.3	363	25
124	376.0	369.6	369.6	380.3	366	25
125	379.0	372.7	372.6	383.3	369	25
126	382.1	375.7	375.7	386.4	372	25
127	385.1	378.7	378.7	389.4	375	25
128	388.1	381.8	381.8	392.4	378	25
129	391.2	384.8	384.8	395.5	381	25
130	394.2	387.8	387.8	398.5	384	25
131	397.2	390.9	390.8	401.5	387	25
132	400.2	393.9	393.9	404.6	390	25
133	403.3	396.9	396.9	407.6	393	25
134	406.3	400.0	400.0	410.6	396	25
135	409.3	403.0	403.0	413.7	399	25
136	412.4	406.0	406.0	416.7	402	25
137	415.4	409.1	409.0	419.7	405	25
138	418.4	412.1	412.1	422.7	408	25
139	421.5	415.1	415.1	425.8	412	25
140	424.5	418.2	418.2	428.8	415	25
141	427.5	421.2	421.2	431.8	418	25
142	430.6	424.2	424.2	434.9	421	25
143	433.6	427.2	427.2	437.9	424	25
144	436.6	430.3	430.3	440.9	427	25
145	439.7	433.3	433.3	444.0	430	25
146	442.7	436.3	436.3	447.0	433	25
147	445.7	439.4	439.3	450.0	436	25
148	448.8	442.4	442.4	453.1	439	25
149	451.8	445.4	445.4	456.1	442	25
150	454.8	448.5	448.5	459.1	445	25

**Table of Sprocket 08B; (ISO 606, BS228)**



<h1>08B</h1>	Item		Symbol	mm		
	Pitch		P	12.7		
	Roller Diameter		Dr	8.51		
	Tooth Width (Single)		B1	7.2		
	Tooth Width (Duplex)		B2	7.1		
	Tooth Width (Triplex)		B3	7.1		
	Transverse Pitch of Strands		Pt	13.92		
	Tooth Side Relief		ch	0.8		
	Tooth Side Relief high		h	6.4		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	41.1	32.6	32.6	45.9	26	12
11	45.1	36.6	36.1	49.9	30	15
12	49.1	40.6	40.6	54.0	34	15
13	53.1	44.6	44.2	58.1	38	15
14	57.1	48.6	48.6	62.1	42	15
15	61.1	52.6	52.2	66.2	46	20
16	65.1	56.6	56.6	70.2	50	20
17	69.1	60.6	60.3	74.3	54	20
18	73.1	64.6	64.6	78.3	58	20
19	77.2	68.6	68.4	82.4	63	20
20	81.2	72.7	72.7	86.5	67	20
21	85.2	76.7	76.5	90.5	71	20
22	89.2	80.7	80.7	94.6	75	20
23	93.3	84.8	84.5	98.6	79	20
24	97.3	88.8	88.8	102.7	83	20
25	101.3	92.8	92.6	106.7	87	25
26	105.4	96.9	96.9	110.7	91	25
27	109.4	100.9	100.7	114.8	95	25
28	113.4	104.9	104.9	118.8	99	25
29	117.5	109.0	108.8	122.9	103	25

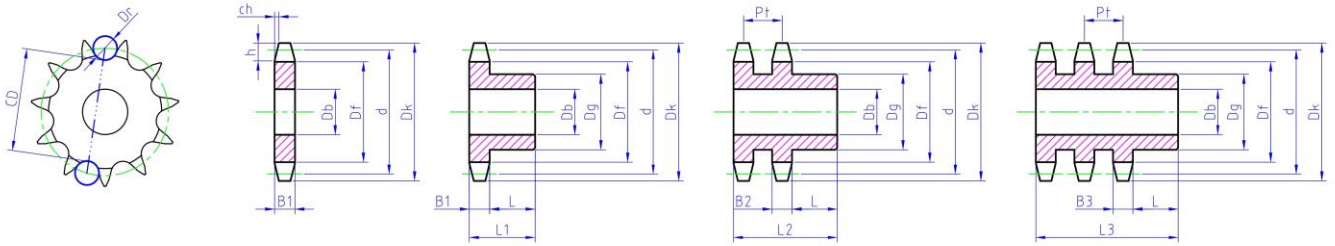


30	121.5	113.0	113.0	126.9	107	25
31	125.5	117.0	116.9	131.0	111	25
32	129.6	121.1	121.1	135.0	115	25
33	133.6	125.1	124.9	139.1	119	25
34	137.6	129.1	129.1	143.1	124	25
35	141.7	133.2	133.0	147.2	128	25
36	145.7	137.2	137.2	151.2	132	25
37	149.8	141.2	141.1	155.3	136	25
38	153.8	145.3	145.3	159.3	140	25
39	157.8	149.3	149.2	163.3	144	25
40	161.9	153.4	153.4	167.4	148	25
41	165.9	157.4	157.3	171.4	152	25
42	169.9	161.4	161.4	175.5	156	25
43	174.0	165.5	165.4	179.5	160	25
44	178.0	169.5	169.5	183.6	164	25
45	182.1	173.6	173.4	187.6	168	25
46	186.1	177.6	177.6	191.7	172	25
47	190.1	181.6	181.5	195.7	176	25
48	194.2	185.7	185.7	199.7	180	25
49	198.2	189.7	189.6	203.8	184	25
50	202.3	193.7	193.7	207.8	188	25
51	206.3	197.8	197.7	211.9	192	25
52	210.3	201.8	201.8	215.9	196	25
53	214.4	205.9	205.8	220.0	200	25
54	218.4	209.9	209.9	224.0	205	25
55	222.5	214.0	213.9	228.1	209	25
56	226.5	218.0	218.0	232.1	213	25
57	230.5	222.0	221.9	236.1	217	25
58	234.6	226.1	226.1	240.2	221	25
59	238.6	230.1	230.0	244.2	225	25
60	242.7	234.2	234.2	248.3	229	25
61	246.7	238.2	238.1	252.3	233	25
62	250.7	242.2	242.2	256.4	237	25
63	254.8	246.3	246.2	260.4	241	25
64	258.8	250.3	250.3	264.4	245	25
65	262.9	254.4	254.3	268.5	249	25
66	266.9	258.4	258.4	272.5	253	25
67	270.9	262.4	262.4	276.6	257	25
68	275.0	266.5	266.5	280.6	261	25
69	279.0	270.5	270.4	284.7	265	25
70	283.1	274.6	274.6	288.7	269	25
71	287.1	278.6	278.5	292.7	273	25
72	291.2	282.6	282.6	296.8	277	25

73	295.2	286.7	286.6	300.8	281	25
74	299.2	290.7	290.7	304.9	285	25
75	303.3	294.8	294.7	308.9	289	25
76	307.3	298.8	298.8	313.0	294	25
77	311.4	302.9	302.8	317.0	298	25
78	315.4	306.9	306.9	321.1	302	25
79	319.4	310.9	310.9	325.1	306	25
80	323.5	315.0	315.0	329.1	310	25
81	327.5	319.0	319.0	333.2	314	25
82	331.6	323.1	323.1	337.2	318	25
83	335.6	327.1	327.0	341.3	322	25
84	339.7	331.1	331.1	345.3	326	25
85	343.7	335.2	335.1	349.4	330	25
86	347.7	339.2	339.2	353.4	334	25
87	351.8	343.3	343.2	357.4	338	25
88	355.8	347.3	347.3	361.5	342	25
89	359.9	351.4	351.3	365.5	346	25
90	363.9	355.4	355.4	369.6	350	25
91	367.9	359.4	359.4	373.6	354	25
92	372.0	363.5	363.5	377.7	358	25
93	376.0	367.5	367.5	381.7	362	25
94	380.1	371.6	371.6	385.7	366	25
95	384.1	375.6	375.5	389.8	370	25
96	388.2	379.6	379.6	393.8	374	25
97	392.2	383.7	383.6	397.9	378	25
98	396.2	387.7	387.7	401.9	382	25
99	400.3	391.8	391.7	406.0	387	25
100	404.3	395.8	395.8	410.0	391	25
101	408.4	399.9	399.8	414.0	395	25
102	412.4	403.9	403.9	418.1	399	25
103	416.4	407.9	407.9	422.1	403	25
104	420.5	412.0	412.0	426.2	407	25
105	424.5	416.0	416.0	430.2	411	25
106	428.6	420.1	420.1	434.3	415	25
107	432.6	424.1	424.1	438.3	419	25
108	436.7	428.1	428.1	442.3	423	25
109	440.7	432.2	432.1	446.4	427	25
110	444.7	436.2	436.2	450.4	431	25
111	448.8	440.3	440.2	454.5	435	25
112	452.8	444.3	444.3	458.5	439	25
113	456.9	448.4	448.3	462.6	443	25
114	460.9	452.4	452.4	466.6	447	25
115	464.9	456.4	456.4	470.6	451	25

116	469.0	460.5	460.5	474.7	455	25
117	473.0	464.5	464.5	478.7	459	25
118	477.1	468.6	468.6	482.8	463	25
119	481.1	472.6	472.6	486.8	467	25
120	485.2	476.6	476.6	490.9	471	25
121	489.2	480.7	480.7	494.9	475	25
122	493.2	484.7	484.7	498.9	480	25
123	497.3	488.8	488.7	503.0	484	25
124	501.3	492.8	492.8	507.0	488	25
125	505.4	496.9	496.8	511.1	492	25
126	509.4	500.9	500.9	515.1	496	25
127	513.5	504.9	504.9	519.2	500	25
128	517.5	509.0	509.0	523.2	504	25
129	521.5	513.0	513.0	527.2	508	25
130	525.6	517.1	517.1	531.3	512	25
131	529.6	521.1	521.1	535.3	516	25
132	533.7	525.2	525.2	539.4	520	25
133	537.7	529.2	529.2	543.4	524	25
134	541.7	533.2	533.2	547.5	528	25
135	545.8	537.3	537.2	551.5	532	25
136	549.8	541.3	541.3	555.5	536	25
137	553.9	545.4	545.3	559.6	540	25
138	557.9	549.4	549.4	563.6	544	25
139	562.0	553.5	553.4	567.7	548	25
140	566.0	557.5	557.5	571.7	552	25
141	570.0	561.5	561.5	575.8	556	25
142	574.1	565.6	565.6	579.8	560	25
143	578.1	569.6	569.6	583.8	564	25
144	582.2	573.7	573.7	587.9	568	25
145	586.2	577.7	577.7	591.9	573	25
146	590.3	581.7	581.7	596.0	577	25
147	594.3	585.8	585.8	600.0	581	25
148	598.3	589.8	589.8	604.0	585	25
149	602.4	593.9	593.8	608.1	589	25
150	606.4	597.9	597.9	612.1	593	25

**Table of Sprocket 10B; (ISO 606, BS228)**



<h1>10B</h1>	Item		Symbol	mm		
	Pitch		P	15.875		
	Roller Diameter		Dr	10.16		
	Tooth Width (Single)		B1	9.2		
	Tooth Width (Duplex)		B2	9.0		
	Tooth Width (Triplex)		B3	9.0		
	Transverse Pitch of Strands		Pt	16.59		
	Tooth Side Relief		ch	2.1		
	Tooth Side Relief high		h	7.9		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

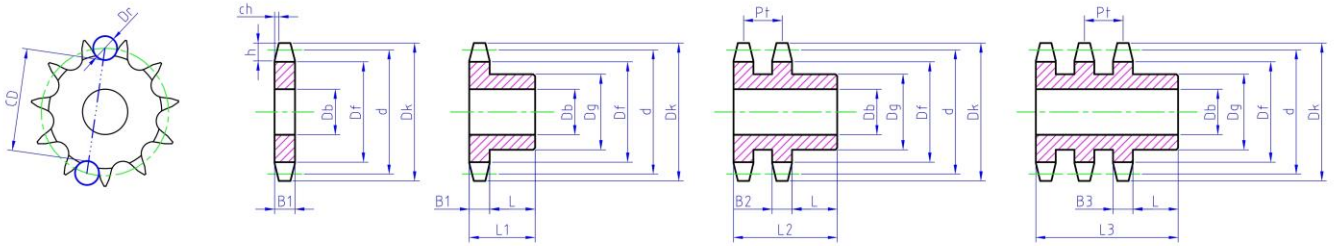
Z	d	Df	CD	Dk	Dg	Db/L
10	51.4	41.2	41.2	57.8	32	15
11	56.3	46.2	45.6	62.9	37	20
12	61.3	51.2	51.2	68.0	43	20
13	66.3	56.2	55.7	73.1	48	20
14	71.3	61.2	61.2	78.1	53	20
15	76.4	66.2	65.8	83.2	58	20
16	81.4	71.2	71.2	88.3	63	20
17	86.4	76.2	75.9	93.3	68	20
18	91.4	81.3	81.3	98.4	73	20
19	96.4	86.3	86.0	103.5	79	20
20	101.5	91.3	91.3	108.5	84	20
21	106.5	96.4	96.1	113.6	89	25
22	111.5	101.4	101.4	118.7	94	25
23	116.6	106.4	106.2	123.7	99	25
24	121.6	111.5	111.5	128.8	104	25
25	126.7	116.5	116.3	133.9	109	25
26	131.7	121.5	121.5	138.9	114	25
27	136.7	126.6	126.4	144.0	119	25
28	141.8	131.6	131.6	149.0	124	25
29	146.8	136.7	136.5	154.1	129	25

30	151.9	141.7	141.7	159.1	134	25
31	156.9	146.8	146.6	164.2	140	25
32	162.0	151.8	151.8	169.3	145	25
33	167.0	156.8	156.7	174.3	150	25
34	172.1	161.9	161.9	179.4	155	25
35	177.1	166.9	166.8	184.4	160	25
36	182.1	172.0	172.0	189.5	165	25
37	187.2	177.0	176.9	194.5	170	25
38	192.2	182.1	182.1	199.6	175	25
39	197.3	187.1	187.0	204.7	180	25
40	202.3	192.2	192.2	209.7	185	25
41	207.4	197.2	197.1	214.8	190	25
42	212.4	202.3	202.3	219.8	195	25
43	217.5	207.3	207.2	224.9	200	25
44	222.5	212.4	212.4	229.9	205	25
45	227.6	217.4	217.3	235.0	210	25
46	232.6	222.5	222.5	240.0	216	25
47	237.7	227.5	227.4	245.1	221	25
48	242.7	232.6	232.6	250.2	226	25
49	247.8	237.6	237.5	255.2	231	25
50	252.8	242.7	242.7	260.3	236	25
51	257.9	247.7	247.6	265.3	241	25
52	262.9	252.8	252.8	270.4	246	25
53	268.0	257.8	257.7	275.4	251	25
54	273.0	262.9	262.9	280.5	256	25
55	278.1	267.9	267.8	285.5	261	25
56	283.1	273.0	273.0	290.6	266	25
57	288.2	278.0	277.9	295.7	271	25
58	293.2	283.1	283.1	300.7	276	25
59	298.3	288.1	288.0	305.8	281	25
60	303.3	293.2	293.2	310.8	286	25
61	308.4	298.2	298.1	315.9	291	25
62	313.4	303.3	303.3	320.9	296	25
63	318.5	308.3	308.2	326.0	302	25
64	323.5	313.4	313.4	331.0	307	25
65	328.6	318.4	318.3	336.1	312	25
66	333.6	323.5	323.5	341.1	317	25
67	338.7	328.5	328.4	346.2	322	25
68	343.7	333.6	333.6	351.3	327	25
69	348.8	338.6	338.5	356.3	332	25
70	353.8	343.7	343.7	361.4	337	25
71	358.9	348.7	348.6	366.4	342	25
72	363.9	353.8	353.8	371.5	347	25

73	369.0	358.8	358.7	376.5	352	25
74	374.0	363.9	363.9	381.6	357	25
75	379.1	368.9	368.9	386.6	362	25
76	384.2	374.0	374.0	391.7	367	25
77	389.2	379.0	379.0	396.7	372	25
78	394.3	384.1	384.1	401.8	377	25
79	399.3	389.1	389.1	406.8	382	25
80	404.4	394.2	394.2	411.9	387	25
81	409.4	399.2	399.2	417.0	393	25
82	414.5	404.3	404.3	422.0	398	25
83	419.5	409.4	409.3	427.1	403	25
84	424.6	414.4	414.4	432.1	408	25
85	429.6	419.5	419.4	437.2	413	25
86	434.7	424.5	424.5	442.2	418	25
87	439.7	429.6	429.5	447.3	423	25
88	444.8	434.6	434.6	452.3	428	25
89	449.8	439.7	439.6	457.4	433	25
90	454.9	444.7	444.7	462.4	438	25
91	459.9	449.8	449.7	467.5	443	25
92	465.0	454.8	454.8	472.5	448	25
93	470.0	459.9	459.8	477.6	453	25
94	475.1	464.9	464.9	482.7	458	25
95	480.1	470.0	469.9	487.7	463	25
96	485.2	475.0	475.0	492.8	468	25
97	490.2	480.1	480.0	497.8	473	25
98	495.3	485.1	485.1	502.9	478	25
99	500.3	490.2	490.1	507.9	484	25
100	505.4	495.2	495.2	513.0	489	25
101	510.5	500.3	500.2	518.0	494	25
102	515.5	505.3	505.3	523.1	499	25
103	520.6	510.4	510.3	528.1	504	25
104	525.6	515.4	515.4	533.2	509	25
105	530.7	520.5	520.4	538.2	514	25
106	535.7	525.6	525.6	543.3	519	25
107	540.8	530.6	530.5	548.3	524	25
108	545.8	535.7	535.7	553.4	529	25
109	550.9	540.7	540.7	558.5	534	25
110	555.9	545.8	545.8	563.5	539	25
111	561.0	550.8	550.8	568.6	544	25
112	566.0	555.9	555.9	573.6	549	25
113	571.1	560.9	560.9	578.7	554	25
114	576.1	566.0	566.0	583.7	559	25
115	581.2	571.0	571.0	588.8	564	25

116	586.2	576.1	576.1	593.8	569	25
117	591.3	581.1	581.1	598.9	574	25
118	596.3	586.2	586.2	603.9	580	25
119	601.4	591.2	591.2	609.0	585	25
120	606.4	596.3	596.3	614.0	590	25
121	611.5	601.3	601.3	619.1	595	25
122	616.6	606.4	606.4	624.2	600	25
123	621.6	611.4	611.4	629.2	605	25
124	626.7	616.5	616.5	634.3	610	25
125	631.7	621.6	621.5	639.3	615	25
126	636.8	626.6	626.6	644.4	620	25
127	641.8	631.7	631.6	649.4	625	25
128	646.9	636.7	636.7	654.5	630	25
129	651.9	641.8	641.7	659.5	635	25
130	657.0	646.8	646.8	664.6	640	25
131	662.0	651.9	651.8	669.6	645	25
132	667.1	656.9	656.9	674.7	650	25
133	672.1	662.0	661.9	679.7	655	25
134	677.2	667.0	667.0	684.8	660	25
135	682.2	672.1	672.0	689.8	665	25
136	687.3	677.1	677.1	694.9	671	25
137	692.3	682.2	682.1	700.0	676	25
138	697.4	687.2	687.2	705.0	681	25
139	702.5	692.3	692.2	710.1	686	25
140	707.5	697.3	697.3	715.1	691	25
141	712.6	702.4	702.4	720.2	696	25
142	717.6	707.4	707.4	725.2	701	25
143	722.7	712.5	712.5	730.3	706	25
144	727.7	717.6	717.6	735.3	711	25
145	732.8	722.6	722.6	740.4	716	25
146	737.8	727.7	727.7	745.4	721	25
147	742.9	732.7	732.7	750.5	726	25
148	747.9	737.8	737.8	755.5	731	25
149	753.0	742.8	742.8	760.6	736	25
150	758.0	747.9	747.9	765.6	741	25

**Table of Sprocket 12B; (ISO 606, BS228)**



<h1>12B</h1>	Item		Symbol	mm		
	Pitch		P	19.05		
	Roller Diameter		Dr	12.07		
	Tooth Width (Single)		B1	11.1		
	Tooth Width (Duplex)		B2	10.9		
	Tooth Width (Triplex)		B3	10.9		
	Transverse Pitch of Strands		Pt	19.46		
	Tooth Side Relief		ch	2.5		
	Tooth Side Relief high		h	9.5		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	61.6	49.6	49.6	69.5	41	20
11	67.6	55.5	54.9	75.6	47	20
12	73.6	61.5	61.5	81.7	53	20
13	79.6	67.5	67.0	87.8	59	20
14	85.6	73.5	73.5	93.9	65	20
15	91.6	79.6	79.1	100.0	72	20
16	97.6	85.6	85.6	106.1	78	20
17	103.7	91.6	91.2	112.1	84	25
18	109.7	97.6	97.6	118.2	90	25
19	115.7	103.7	103.3	124.3	96	25
20	121.8	109.7	109.7	130.4	102	25
21	127.8	115.7	115.4	136.5	108	25
22	133.9	121.8	121.8	142.5	114	25
23	139.9	127.8	127.5	148.6	121	25
24	145.9	133.9	133.9	154.7	127	25
25	152.0	139.9	139.6	160.7	133	25
26	158.0	146.0	146.0	166.8	139	25
27	164.1	152.0	151.7	172.9	145	25
28	170.1	158.1	158.1	179.0	151	25
29	176.2	164.1	163.9	185.0	157	25

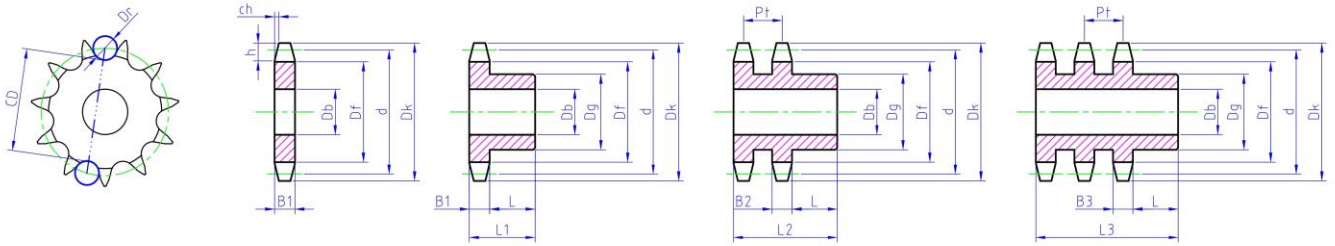


30	182.2	170.2	170.2	191.1	163	25
31	188.3	176.2	176.0	197.2	169	25
32	194.4	182.3	182.3	203.2	175	25
33	200.4	188.3	188.1	209.3	181	25
34	206.5	194.4	194.4	215.4	188	25
35	212.5	200.4	200.2	221.4	194	25
36	218.6	206.5	206.5	227.5	200	25
37	224.6	212.6	212.4	233.6	206	25
38	230.7	218.6	218.6	239.6	212	25
39	236.7	224.7	224.5	245.7	218	25
40	242.8	230.7	230.7	251.8	224	25
41	248.9	236.8	236.6	257.8	230	25
42	254.9	242.8	242.8	263.9	236	25
43	261.0	248.9	248.7	270.0	242	25
44	267.0	255.0	255.0	276.0	248	25
45	273.1	261.0	260.9	282.1	254	25
46	279.2	267.1	267.1	288.2	260	25
47	285.2	273.1	273.0	294.2	267	25
48	291.3	279.2	279.2	300.3	273	25
49	297.3	285.3	285.1	306.4	279	25
50	303.4	291.3	291.3	312.4	285	25
51	309.4	297.4	297.2	318.5	291	25
52	315.5	303.4	303.4	324.6	297	25
53	321.6	309.5	309.4	330.6	303	25
54	327.6	315.6	315.6	336.7	309	25
55	333.7	321.6	321.5	342.8	315	25
56	339.8	327.7	327.7	348.8	321	25
57	345.8	333.7	333.6	354.9	327	25
58	351.9	339.8	339.8	361.0	333	25
59	357.9	345.9	345.7	367.0	339	25
60	364.0	351.9	351.9	373.1	345	25
61	370.1	358.0	357.9	379.2	352	25
62	376.1	364.0	364.0	385.2	358	25
63	382.2	370.1	370.0	391.3	364	25
64	388.2	376.2	376.2	397.4	370	25
65	394.3	382.2	382.1	403.4	376	25
66	400.4	388.3	388.3	409.5	382	25
67	406.4	394.4	394.2	415.6	388	25
68	412.5	400.4	400.4	421.6	394	25
69	418.5	406.5	406.4	427.7	400	25
70	424.6	412.5	412.5	433.8	406	25
71	430.7	418.6	418.5	439.8	412	25
72	436.7	424.7	424.7	445.9	418	25

73	442.8	430.7	430.6	451.9	424	25
74	448.9	436.8	436.8	458.0	430	25
75	454.9	442.8	442.7	464.1	436	25
76	461.0	448.9	448.9	470.1	443	25
77	467.0	455.0	454.9	476.2	449	25
78	473.1	461.0	461.0	482.3	455	25
79	479.2	467.1	467.0	488.3	461	25
80	485.2	473.2	473.2	494.4	467	25
81	491.3	479.2	479.1	500.5	473	25
82	497.4	485.3	485.3	506.5	479	25
83	503.4	491.3	491.3	512.6	485	25
84	509.5	497.4	497.4	518.7	491	25
85	515.5	503.5	503.4	524.7	497	25
86	521.6	509.5	509.5	530.8	503	25
87	527.7	515.6	515.5	536.9	509	25
88	533.7	521.7	521.7	542.9	515	25
89	539.8	527.7	527.6	549.0	521	25
90	545.9	533.8	533.8	555.0	527	25
91	551.9	539.8	539.8	561.1	534	25
92	558.0	545.9	545.9	567.2	540	25
93	564.0	552.0	551.9	573.2	546	25
94	570.1	558.0	558.0	579.3	552	25
95	576.2	564.1	564.0	585.4	558	25
96	582.2	570.2	570.2	591.4	564	25
97	588.3	576.2	576.1	597.5	570	25
98	594.4	582.3	582.3	603.6	576	25
99	600.4	588.3	588.3	609.6	582	25
100	606.5	594.4	594.4	615.7	588	25
101	612.5	600.5	600.4	621.8	594	25
102	618.6	606.5	606.5	627.8	600	25
103	624.7	612.6	612.5	633.9	606	25
104	630.7	618.7	618.7	639.9	612	25
105	636.8	624.7	624.7	646.0	618	25
106	642.9	630.8	630.8	652.1	625	25
107	648.9	636.9	636.8	658.1	631	25
108	655.0	642.9	642.9	664.2	637	25
109	661.0	649.0	648.9	670.3	643	25
110	667.1	655.0	655.0	676.3	649	25
111	673.2	661.1	661.0	682.4	655	25
112	679.2	667.2	667.2	688.5	661	25
113	685.3	673.2	673.2	694.5	667	25
114	691.4	679.3	679.3	700.6	673	25
115	697.4	685.4	685.3	706.7	679	25

116	703.5	691.4	691.4	712.7	685	25
117	709.6	697.5	697.4	718.8	691	25
118	715.6	703.5	703.5	724.8	697	25
119	721.7	709.6	709.5	730.9	703	25
120	727.7	715.7	715.7	737.0	709	25
121	733.8	721.7	721.7	743.0	716	25
122	739.9	727.8	727.8	749.1	722	25
123	745.9	733.9	733.8	755.2	728	25
124	752.0	739.9	739.9	761.2	734	25
125	758.1	746.0	745.9	767.3	740	25
126	764.1	752.0	752.0	773.4	746	25
127	770.2	758.1	758.1	779.4	752	25
128	776.2	764.2	764.2	785.5	758	25
129	782.3	770.2	770.2	791.6	764	25
130	788.4	776.3	776.3	797.6	770	25
131	794.4	782.4	782.3	803.7	776	25
132	800.5	788.4	788.4	809.7	782	25
133	806.6	794.5	794.4	815.8	788	25
134	812.6	800.6	800.6	821.9	794	25
135	818.7	806.6	806.6	827.9	800	25
136	824.8	812.7	812.7	834.0	806	25
137	830.8	818.7	818.7	840.1	813	25
138	836.9	824.8	824.8	846.1	819	25
139	842.9	830.9	830.8	852.2	825	25
140	849.0	836.9	836.9	858.3	831	25
141	855.1	843.0	842.9	864.3	837	25
142	861.1	849.1	849.1	870.4	843	25
143	867.2	855.1	855.1	876.4	849	25
144	873.3	861.2	861.2	882.5	855	25
145	879.3	867.3	867.2	888.6	861	25
146	885.4	873.3	873.3	894.6	867	25
147	891.4	879.4	879.3	900.7	873	25
148	897.5	885.4	885.4	906.8	879	25
149	903.6	891.5	891.5	912.8	885	25
150	909.6	897.6	897.6	918.9	891	25

**Table of Sprocket 16B; (ISO 606, BS228)**



<h1>16B</h1>	Item		Symbol	mm		
	Pitch		P	25.4		
	Roller Diameter		Dr	15.88		
	Tooth Width (Single)		B1	16.2		
	Tooth Width (Duplex)		B2	15.8		
	Tooth Width (Triplex)		B3	15.8		
	Transverse Pitch of Strands		Pt	31.88		
	Tooth Side Relief		ch	3.3		
	Tooth Side Relief high		h	12.7		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

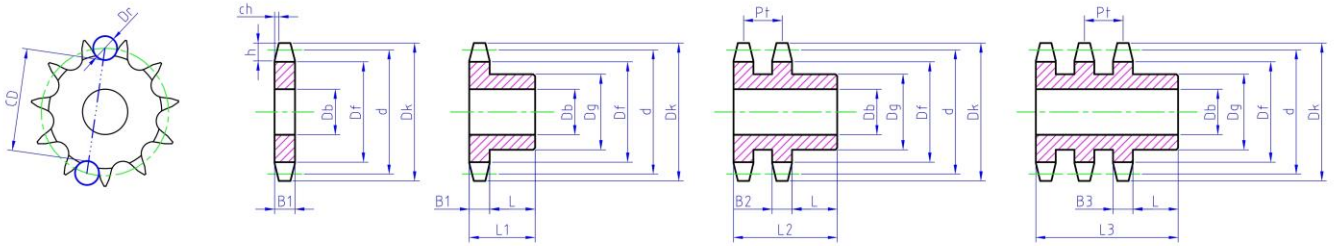
Z	d	Df	CD	Dk	Dg	Db/L
10	82.2	66.3	66.3	92.9	55	25
11	90.2	74.3	73.4	101.0	63	25
12	98.1	82.3	82.3	109.1	72	25
13	106.1	90.3	89.5	117.3	80	25
14	114.1	98.3	98.3	125.4	88	25
15	122.2	106.3	105.6	133.5	96	25
16	130.2	114.3	114.3	141.6	105	25
17	138.2	122.4	121.8	149.7	113	25
18	146.3	130.4	130.4	157.8	121	25
19	154.3	138.4	137.9	165.9	129	25
20	162.4	146.5	146.5	174.0	137	25
21	170.4	154.5	154.1	182.1	145	25
22	178.5	162.6	162.6	190.2	153	25
23	186.5	170.7	170.2	198.3	162	25
24	194.6	178.7	178.7	206.4	170	25
25	202.7	186.8	186.4	214.5	178	25
26	210.7	194.8	194.8	222.6	186	25
27	218.8	202.9	202.5	230.7	194	25
28	226.9	211.0	211.0	238.8	202	25
29	234.9	219.0	218.7	246.9	210	25

30	243.0	227.1	227.1	255.0	218	25
31	251.1	235.2	234.9	263.1	227	25
32	259.1	243.3	243.3	271.2	235	25
33	267.2	251.3	251.0	279.3	243	25
34	275.3	259.4	259.4	287.4	251	25
35	283.4	267.5	267.2	295.5	259	25
36	291.4	275.6	275.6	303.6	267	25
37	299.5	283.6	283.4	311.7	275	25
38	307.6	291.7	291.7	319.7	283	25
39	315.7	299.8	299.5	327.8	291	25
40	323.7	307.9	307.9	335.9	300	25
41	331.8	315.9	315.7	344.0	308	25
42	339.9	324.0	324.0	352.1	316	25
43	348.0	332.1	331.9	360.2	324	25
44	356.0	340.2	340.2	368.3	332	25
45	364.1	348.2	348.0	376.4	340	25
46	372.2	356.3	356.3	384.5	348	25
47	380.3	364.4	364.2	392.5	356	25
48	388.4	372.5	372.5	400.6	364	25
49	396.4	380.6	380.4	408.7	372	25
50	404.5	388.6	388.6	416.8	381	25
51	412.6	396.7	396.5	424.9	389	25
52	420.7	404.8	404.8	433.0	397	25
53	428.8	412.9	412.7	441.1	405	25
54	436.8	421.0	421.0	449.2	413	25
55	444.9	429.0	428.9	457.2	421	25
56	453.0	437.1	437.1	465.3	429	25
57	461.1	445.2	445.0	473.4	437	25
58	469.2	453.3	453.3	481.5	445	25
59	477.2	461.4	461.2	489.6	453	25
60	485.3	469.4	469.4	497.7	461	25
61	493.4	477.5	477.4	505.8	470	25
62	501.5	485.6	485.6	513.9	478	25
63	509.6	493.7	493.5	521.9	486	25
64	517.7	501.8	501.8	530.0	494	25
65	525.7	509.9	509.7	538.1	502	25
66	533.8	517.9	517.9	546.2	510	25
67	541.9	526.0	525.9	554.3	518	25
68	550.0	534.1	534.1	562.4	526	25
69	558.1	542.2	542.0	570.5	534	25
70	566.1	550.3	550.3	578.5	542	25
71	574.2	558.3	558.2	586.6	550	25
72	582.3	566.4	566.4	594.7	559	25

73	590.4	574.5	574.4	602.8	567	25
74	598.5	582.6	582.6	610.9	575	25
75	606.6	590.7	590.5	619.0	583	25
76	614.6	598.8	598.8	627.1	591	25
77	622.7	606.8	606.7	635.2	599	25
78	630.8	614.9	614.9	643.2	607	25
79	638.9	623.0	622.9	651.3	615	25
80	647.0	631.1	631.1	659.4	623	25
81	655.1	639.2	639.1	667.5	631	25
82	663.1	647.3	647.3	675.6	639	25
83	671.2	655.3	655.2	683.7	648	25
84	679.3	663.4	663.4	691.8	656	25
85	687.4	671.5	671.4	699.8	664	25
86	695.5	679.6	679.6	707.9	672	25
87	703.6	687.7	687.6	716.0	680	25
88	711.6	695.8	695.8	724.1	688	25
89	719.7	703.8	703.7	732.2	696	25
90	727.8	711.9	711.9	740.3	704	25
91	735.9	720.0	719.9	748.4	712	25
92	744.0	728.1	728.1	756.4	720	25
93	752.1	736.2	736.1	764.5	728	25
94	760.1	744.3	744.3	772.6	737	25
95	768.2	752.3	752.2	780.7	745	25
96	776.3	760.4	760.4	788.8	753	25
97	784.4	768.5	768.4	796.9	761	25
98	792.5	776.6	776.6	805.0	769	25
99	800.6	784.7	784.6	813.0	777	25
100	808.6	792.8	792.8	821.1	785	25
101	816.7	800.8	800.7	829.2	793	25
102	824.8	808.9	808.9	837.3	801	25
103	832.9	817.0	816.9	845.4	809	25
104	841.0	825.1	825.1	853.5	817	25
105	849.1	833.2	833.1	861.6	825	25
106	857.1	841.3	841.3	869.6	834	25
107	865.2	849.3	849.3	877.7	842	25
108	873.3	857.4	857.4	885.8	850	25
109	881.4	865.5	865.4	893.9	858	25
110	889.5	873.6	873.6	902.0	866	25
111	897.6	881.7	881.6	910.1	874	25
112	905.6	889.8	889.8	918.2	882	25
113	913.7	897.9	897.8	926.2	890	25
114	921.8	905.9	905.9	934.3	898	25
115	929.9	914.0	913.9	942.4	906	25

116	938.0	922.1	922.1	950.5	914	25
117	946.1	930.2	930.1	958.6	923	25
118	954.2	938.3	938.3	966.7	931	25
119	962.2	946.4	946.3	974.8	939	25
120	970.3	954.4	954.4	982.8	947	25
121	978.4	962.5	962.4	990.9	955	25
122	986.5	970.6	970.6	999.0	963	25
123	994.6	978.7	978.6	1007.1	971	25
124	1002.7	986.8	986.8	1015.2	979	25
125	1010.7	994.9	994.8	1023.3	987	25
126	1018.8	1002.9	1002.9	1031.4	995	25
127	1026.9	1011.0	1011.0	1039.4	1003	25
128	1035.0	1019.1	1019.1	1047.5	1011	25
129	1043.1	1027.2	1027.1	1055.6	1020	25
130	1051.2	1035.3	1035.3	1063.7	1028	25
131	1059.2	1043.4	1043.3	1071.8	1036	25
132	1067.3	1051.5	1051.5	1079.9	1044	25
133	1075.4	1059.5	1059.5	1088.0	1052	25
134	1083.5	1067.6	1067.6	1096.0	1060	25
135	1091.6	1075.7	1075.6	1104.1	1068	25
136	1099.7	1083.8	1083.8	1112.2	1076	25
137	1107.8	1091.9	1091.8	1120.3	1084	25
138	1115.8	1100.0	1100.0	1128.4	1092	25
139	1123.9	1108.0	1108.0	1136.5	1100	25
140	1132.0	1116.1	1116.1	1144.6	1109	25
141	1140.1	1124.2	1124.1	1152.6	1117	25
142	1148.2	1132.3	1132.3	1160.7	1125	25
143	1156.3	1140.4	1140.3	1168.8	1133	25
144	1164.3	1148.5	1148.5	1176.9	1141	25
145	1172.4	1156.5	1156.5	1185.0	1149	25
146	1180.5	1164.6	1164.6	1193.1	1157	25
147	1188.6	1172.7	1172.6	1201.2	1165	25
148	1196.7	1180.8	1180.8	1209.2	1173	25
149	1204.8	1188.9	1188.8	1217.3	1181	25
150	1212.8	1197.0	1197.0	1225.4	1189	25

**Table of Sprocket 20B; (ISO 606, BS228)**



<h1>20B</h1>	Item		Symbol	mm		
	Pitch		P	31.75		
	Roller Diameter		Dr	19.05		
	Tooth Width (Single)		B1	18.6		
	Tooth Width (Duplex)		B2	18.2		
	Tooth Width (Triplex)		B3	18.2		
	Transverse Pitch of Strands		Pt	36.45		
	Tooth Side Relief		ch	4.1		
	Tooth Side Relief high		h	15.9		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	102.7	83.7	83.7	116.9	69	25
11	112.7	93.6	92.5	127.1	79	25
12	122.7	103.6	103.6	137.2	90	25
13	132.7	113.6	112.7	147.4	100	25
14	142.7	123.6	123.6	157.5	110	25
15	152.7	133.7	132.8	167.7	121	25
16	162.7	143.7	143.7	177.8	131	25
17	172.8	153.7	153.0	188.0	141	25
18	182.8	163.8	163.8	198.1	151	25
19	192.9	173.8	173.2	208.2	162	25
20	203.0	183.9	183.9	218.4	172	25
21	213.0	194.0	193.4	228.5	182	25
22	223.1	204.0	204.0	238.6	192	25
23	233.2	214.1	213.6	248.7	202	25
24	243.2	224.2	224.2	258.9	212	25
25	253.3	234.3	233.8	269.0	223	25
26	263.4	244.4	244.4	279.1	233	25
27	273.5	254.4	254.0	289.2	243	25
28	283.6	264.5	264.5	299.3	253	25
29	293.7	274.6	274.2	309.5	263	25

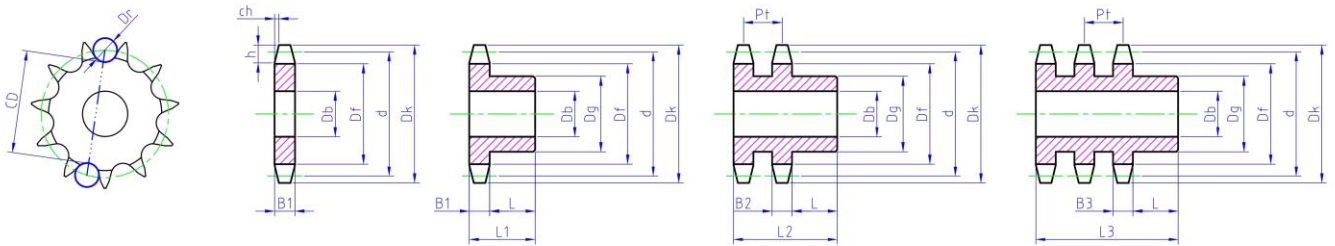


30	303.7	284.7	284.7	319.6	273	25
31	313.8	294.8	294.4	329.7	283	25
32	323.9	304.9	304.9	339.8	294	25
33	334.0	315.0	314.6	349.9	304	25
34	344.1	325.1	325.1	360.0	314	25
35	354.2	335.1	334.8	370.1	324	25
36	364.3	345.2	345.2	380.3	334	25
37	374.4	355.3	355.0	390.4	344	25
38	384.5	365.4	365.4	400.5	354	25
39	394.6	375.5	375.2	410.6	365	25
40	404.7	385.6	385.6	420.7	375	25
41	414.8	395.7	395.4	430.8	385	25
42	424.9	405.8	405.8	440.9	395	25
43	435.0	415.9	415.6	451.0	405	25
44	445.1	426.0	426.0	461.1	415	25
45	455.2	436.1	435.8	471.3	425	25
46	465.3	446.2	446.2	481.4	435	25
47	475.4	456.3	456.0	491.5	446	25
48	485.5	466.4	466.4	501.6	456	25
49	495.6	476.5	476.2	511.7	466	25
50	505.6	486.6	486.6	521.8	476	25
51	515.7	496.7	496.5	531.9	486	25
52	525.8	506.8	506.8	542.0	496	25
53	535.9	516.9	516.7	552.1	506	25
54	546.1	527.0	527.0	562.2	516	25
55	556.2	537.1	536.9	572.4	527	25
56	566.3	547.2	547.2	582.5	537	25
57	576.4	557.3	557.1	592.6	547	25
58	586.5	567.4	567.4	602.7	557	25
59	596.6	577.5	577.3	612.8	567	25
60	606.7	587.6	587.6	622.9	577	25
61	616.8	597.7	597.5	633.0	587	25
62	626.9	607.8	607.8	643.1	597	25
63	637.0	617.9	617.7	653.2	607	25
64	647.1	628.0	628.0	663.3	618	25
65	657.2	638.1	637.9	673.4	628	25
66	667.3	648.2	648.2	683.6	638	25
67	677.4	658.3	658.1	693.7	648	25
68	687.5	668.4	668.4	703.8	658	25
69	697.6	678.5	678.3	713.9	668	25
70	707.7	688.6	688.6	724.0	678	25
71	717.8	698.7	698.6	734.1	688	25
72	727.9	708.8	708.8	744.2	698	25

73	738.0	718.9	718.8	754.3	709	25
74	748.1	729.0	729.0	764.4	719	25
75	758.2	739.1	739.0	774.5	729	25
76	768.3	749.3	749.3	784.6	739	25
77	778.4	759.4	759.2	794.7	749	25
78	788.5	769.5	769.5	804.9	759	25
79	798.6	779.6	779.4	815.0	769	25
80	808.7	789.7	789.7	825.1	779	25
81	818.8	799.8	799.6	835.2	789	25
82	828.9	809.9	809.9	845.3	800	25
83	839.0	820.0	819.8	855.4	810	25
84	849.1	830.1	830.1	865.5	820	25
85	859.2	840.2	840.0	875.6	830	25
86	869.3	850.3	850.3	885.7	840	25
87	879.4	860.4	860.2	895.8	850	25
88	889.5	870.5	870.5	905.9	860	25
89	899.7	880.6	880.5	916.0	870	25
90	909.8	890.7	890.7	926.1	880	25
91	919.9	900.8	900.7	936.2	891	25
92	930.0	910.9	910.9	946.4	901	25
93	940.1	921.0	920.9	956.5	911	25
94	950.2	931.1	931.1	966.6	921	25
95	960.3	941.2	941.1	976.7	931	25
96	970.4	951.3	951.3	986.8	941	25
97	980.5	961.4	961.3	996.9	951	25
98	990.6	971.5	971.5	1007.0	961	25
99	1000.7	981.6	981.5	1017.1	971	25
100	1010.8	991.8	991.8	1027.2	982	25
101	1020.9	1001.9	1001.7	1037.3	992	25
102	1031.0	1012.0	1012.0	1047.4	1002	25
103	1041.1	1022.1	1021.9	1057.5	1012	25
104	1051.2	1032.2	1032.2	1067.6	1022	25
105	1061.3	1042.3	1042.2	1077.8	1032	25
106	1071.4	1052.4	1052.4	1087.9	1042	25
107	1081.5	1062.5	1062.4	1098.0	1052	25
108	1091.6	1072.6	1072.6	1108.1	1062	25
109	1101.7	1082.7	1082.6	1118.2	1073	25
110	1111.8	1092.8	1092.8	1128.3	1083	25
111	1122.0	1102.9	1102.8	1138.4	1093	25
112	1132.1	1113.0	1113.0	1148.5	1103	25
113	1142.2	1123.1	1123.0	1158.6	1113	25
114	1152.3	1133.2	1133.2	1168.7	1123	25
115	1162.4	1143.3	1143.2	1178.8	1133	25

116	1172.5	1153.4	1153.4	1188.9	1143	25
117	1182.6	1163.5	1163.4	1199.0	1153	25
118	1192.7	1173.6	1173.6	1209.1	1164	25
119	1202.8	1183.7	1183.6	1219.2	1174	25
120	1212.9	1193.8	1193.8	1229.4	1184	25
121	1223.0	1204.0	1203.9	1239.5	1194	25
122	1233.1	1214.1	1214.1	1249.6	1204	25
123	1243.2	1224.2	1224.1	1259.7	1214	25
124	1253.3	1234.3	1234.3	1269.8	1224	25
125	1263.4	1244.4	1244.3	1279.9	1234	25
126	1273.5	1254.5	1254.5	1290.0	1244	25
127	1283.6	1264.6	1264.5	1300.1	1255	25
128	1293.7	1274.7	1274.7	1310.2	1265	25
129	1303.8	1284.8	1284.7	1320.3	1275	25
130	1314.0	1294.9	1294.9	1330.4	1285	25
131	1324.1	1305.0	1304.9	1340.5	1295	25
132	1334.2	1315.1	1315.1	1350.6	1305	25
133	1344.3	1325.2	1325.1	1360.7	1315	25
134	1354.4	1335.3	1335.3	1370.9	1325	25
135	1364.5	1345.4	1345.3	1381.0	1335	25
136	1374.6	1355.5	1355.5	1391.1	1345	25
137	1384.7	1365.6	1365.5	1401.2	1356	25
138	1394.8	1375.7	1375.7	1411.3	1366	25
139	1404.9	1385.9	1385.8	1421.4	1376	25
140	1415.0	1396.0	1396.0	1431.5	1386	25
141	1425.1	1406.1	1406.0	1441.6	1396	25
142	1435.2	1416.2	1416.2	1451.7	1406	25
143	1445.3	1426.3	1426.2	1461.8	1416	25
144	1455.4	1436.4	1436.4	1471.9	1426	25
145	1465.5	1446.5	1446.4	1482.0	1436	25
146	1475.6	1456.6	1456.6	1492.1	1447	25
147	1485.7	1466.7	1466.6	1502.2	1457	25
148	1495.9	1476.8	1476.8	1512.3	1467	25
149	1506.0	1486.9	1486.8	1522.5	1477	25
150	1516.1	1497.0	1497.0	1532.6	1487	25

### Table of Sprocket 24B; (ISO 606, BS228)



<h1>24B</h1>	Item		Symbol	mm		
	Pitch		P	38.1		
	Roller Diameter		Dr	25.4		
	Tooth Width (Single)		B1	24.1		
	Tooth Width (Duplex)		B2	23.6		
	Tooth Width (Triplex)		B3	23.6		
	Transverse Pitch of Strands		Pt	48.36		
	Tooth Side Relief		ch	5.0		
	Tooth Side Relief high		h	19.1		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

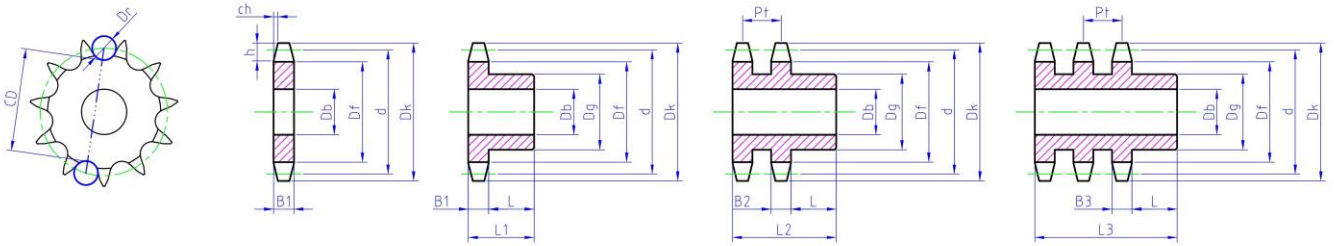
Z	d	Df	CD	Dk	Dg	Db/L
10	123.3	97.9	97.9	137.7	81	25
11	135.2	109.8	108.5	149.9	94	25
12	147.2	121.8	121.8	162.1	106	25
13	159.2	133.8	132.6	174.3	119	25
14	171.2	145.8	145.8	186.5	131	25
15	183.3	157.9	156.8	198.7	143	25
16	195.3	169.9	169.9	210.9	156	25
17	207.3	181.9	181.1	223.0	168	25
18	219.4	194.0	194.0	235.2	180	25
19	231.5	206.1	205.3	247.3	192	25
20	243.6	218.2	218.2	259.5	205	25
21	255.6	230.2	229.5	271.6	217	25
22	267.7	242.3	242.3	283.8	229	25
23	279.8	254.4	253.8	295.9	241	25
24	291.9	266.5	266.5	308.1	253	25
25	304.0	278.6	278.0	320.2	266	25
26	316.1	290.7	290.7	332.4	278	25
27	328.2	302.8	302.2	344.5	290	25
28	340.3	314.9	314.9	356.7	302	25
29	352.4	327.0	326.5	368.8	314	25

30	364.5	339.1	339.1	380.9	327	25
31	376.6	351.2	350.7	393.1	339	25
32	388.7	363.3	363.3	405.2	351	25
33	400.8	375.4	375.0	417.4	363	25
34	412.9	387.5	387.5	429.5	375	25
35	425.0	399.6	399.2	441.6	387	25
36	437.1	411.7	411.7	453.8	399	25
37	449.3	423.9	423.5	465.9	412	25
38	461.4	436.0	436.0	478.0	424	25
39	473.5	448.1	447.7	490.2	436	25
40	485.6	460.2	460.2	502.3	448	25
41	497.7	472.3	472.0	514.4	460	25
42	509.8	484.4	484.4	526.6	472	25
43	522.0	496.6	496.2	538.7	485	25
44	534.1	508.7	508.7	550.8	497	25
45	546.2	520.8	520.5	563.0	509	25
46	558.3	532.9	532.9	575.1	521	25
47	570.4	545.0	544.7	587.2	533	25
48	582.5	557.1	557.1	599.4	545	25
49	594.7	569.3	569.0	611.5	557	25
50	606.8	581.4	581.4	623.6	570	25
51	618.9	593.5	593.2	635.8	582	25
52	631.0	605.6	605.6	647.9	594	25
53	643.1	617.7	617.5	660.0	606	25
54	655.3	629.9	629.9	672.2	618	25
55	667.4	642.0	641.7	684.3	630	25
56	679.5	654.1	654.1	696.4	642	25
57	691.6	666.2	666.0	708.6	655	25
58	703.7	678.3	678.3	720.7	667	25
59	715.9	690.5	690.2	732.8	679	25
60	728.0	702.6	702.6	744.9	691	25
61	740.1	714.7	714.5	757.1	703	25
62	752.2	726.8	726.8	769.2	715	25
63	764.4	739.0	738.7	781.3	727	25
64	776.5	751.1	751.1	793.5	740	25
65	788.6	763.2	763.0	805.6	752	25
66	800.7	775.3	775.3	817.7	764	25
67	812.8	787.4	787.2	829.9	776	25
68	825.0	799.6	799.6	842.0	788	25
69	837.1	811.7	811.5	854.1	800	25
70	849.2	823.8	823.8	866.2	812	25
71	861.3	835.9	835.7	878.4	825	25
72	873.5	848.1	848.1	890.5	837	25

73	885.6	860.2	860.0	902.6	849	25
74	897.7	872.3	872.3	914.8	861	25
75	909.8	884.4	884.2	926.9	873	25
76	922.0	896.6	896.6	939.0	885	25
77	934.1	908.7	908.5	951.2	897	25
78	946.2	920.8	920.8	963.3	909	25
79	958.3	932.9	932.7	975.4	922	25
80	970.5	945.1	945.1	987.5	934	25
81	982.6	957.2	957.0	999.7	946	25
82	994.7	969.3	969.3	1011.8	958	25
83	1006.8	981.4	981.3	1023.9	970	25
84	1019.0	993.6	993.6	1036.1	982	25
85	1031.1	1005.7	1005.5	1048.2	994	25
86	1043.2	1017.8	1017.8	1060.3	1007	25
87	1055.3	1029.9	1029.8	1072.4	1019	25
88	1067.5	1042.1	1042.1	1084.6	1031	25
89	1079.6	1054.2	1054.0	1096.7	1043	25
90	1091.7	1066.3	1066.3	1108.8	1055	25
91	1103.8	1078.4	1078.3	1121.0	1067	25
92	1116.0	1090.6	1090.6	1133.1	1079	25
93	1128.1	1102.7	1102.5	1145.2	1091	25
94	1140.2	1114.8	1114.8	1157.3	1104	25
95	1152.3	1126.9	1126.8	1169.5	1116	25
96	1164.5	1139.1	1139.1	1181.6	1128	25
97	1176.6	1151.2	1151.0	1193.7	1140	25
98	1188.7	1163.3	1163.3	1205.9	1152	25
99	1200.8	1175.4	1175.3	1218.0	1164	25
100	1213.0	1187.6	1187.6	1230.1	1176	25
101	1225.1	1199.7	1199.5	1242.2	1188	25
102	1237.2	1211.8	1211.8	1254.4	1201	25
103	1249.3	1223.9	1223.8	1266.5	1213	25
104	1261.5	1236.1	1236.1	1278.6	1225	25
105	1273.6	1248.2	1248.0	1290.8	1237	25
106	1285.7	1260.3	1260.3	1302.9	1249	25
107	1297.8	1272.4	1272.3	1315.0	1261	25
108	1310.0	1284.6	1284.6	1327.1	1273	25
109	1322.1	1296.7	1296.6	1339.3	1286	25
110	1334.2	1308.8	1308.8	1351.4	1298	25
111	1346.3	1320.9	1320.8	1363.5	1310	25
112	1358.5	1333.1	1333.1	1375.7	1322	25
113	1370.6	1345.2	1345.1	1387.8	1334	25
114	1382.7	1357.3	1357.3	1399.9	1346	25
115	1394.8	1369.4	1369.3	1412.0	1358	25

116	1407.0	1381.6	1381.6	1424.2	1370	25
117	1419.1	1393.7	1393.6	1436.3	1383	25
118	1431.2	1405.8	1405.8	1448.4	1395	25
119	1443.4	1418.0	1417.8	1460.6	1407	25
120	1455.5	1430.1	1430.1	1472.7	1419	25
121	1467.6	1442.2	1442.1	1484.8	1431	25
122	1479.7	1454.3	1454.3	1496.9	1443	25
123	1491.9	1466.5	1466.3	1509.1	1455	25
124	1504.0	1478.6	1478.6	1521.2	1468	25
125	1516.1	1490.7	1490.6	1533.3	1480	25
126	1528.2	1502.8	1502.8	1545.5	1492	25
127	1540.4	1515.0	1514.8	1557.6	1504	25
128	1552.5	1527.1	1527.1	1569.7	1516	25
129	1564.6	1539.2	1539.1	1581.8	1528	25
130	1576.7	1551.3	1551.3	1594.0	1540	25
131	1588.9	1563.5	1563.4	1606.1	1552	25
132	1601.0	1575.6	1575.6	1618.2	1565	25
133	1613.1	1587.7	1587.6	1630.4	1577	25
134	1625.2	1599.8	1599.8	1642.5	1589	25
135	1637.4	1612.0	1611.9	1654.6	1601	25
136	1649.5	1624.1	1624.1	1666.7	1613	25
137	1661.6	1636.2	1636.1	1678.9	1625	25
138	1673.8	1648.4	1648.4	1691.0	1637	25
139	1685.9	1660.5	1660.4	1703.1	1649	25
140	1698.0	1672.6	1672.6	1715.3	1662	25
141	1710.1	1684.7	1684.6	1727.4	1674	25
142	1722.3	1696.9	1696.9	1739.5	1686	25
143	1734.4	1709.0	1708.9	1751.6	1698	25
144	1746.5	1721.1	1721.1	1763.8	1710	25
145	1758.6	1733.2	1733.1	1775.9	1722	25
146	1770.8	1745.4	1745.4	1788.0	1734	25
147	1782.9	1757.5	1757.4	1800.1	1746	25
148	1795.0	1769.6	1769.6	1812.3	1759	25
149	1807.1	1781.7	1781.6	1824.4	1771	25
150	1819.3	1793.9	1793.9	1836.5	1783	25

**Table of Sprocket 28B; (ISO 606, BS228)**



<h1>28B</h1>	Item		Symbol	mm		
	Pitch		P	44.45		
	Roller Diameter		Dr	27.94		
	Tooth Width (Single)		B1	29.4		
	Tooth Width (Duplex)		B2	28.8		
	Tooth Width (Triplex)		B3	28.8		
	Transverse Pitch of Strands		Pt	59.56		
	Tooth Side Relief		ch	5.8		
	Tooth Side Relief high		h	22.2		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	143.8	115.9	115.9	162.4	97	25
11	157.8	129.8	128.2	176.6	112	25
12	171.7	143.8	143.8	190.8	126	25
13	185.7	157.8	156.4	205.1	141	25
14	199.8	171.8	171.8	219.3	155	25
15	213.8	185.9	184.7	233.5	169	25
16	227.8	199.9	199.9	247.7	184	25
17	241.9	214.0	212.9	261.9	198	25
18	256.0	228.0	228.0	276.1	212	25
19	270.1	242.1	241.2	290.3	227	25
20	284.1	256.2	256.2	304.4	241	25
21	298.2	270.3	269.5	318.6	255	25
22	312.3	284.4	284.4	332.8	269	25
23	326.4	298.5	297.7	347.0	284	25
24	340.5	312.6	312.6	361.1	298	25
25	354.7	326.7	326.0	375.3	312	25
26	368.8	340.8	340.8	389.5	326	25
27	382.9	354.9	354.3	403.6	340	25
28	397.0	369.1	369.1	417.8	355	25
29	411.1	383.2	382.6	432.0	369	25

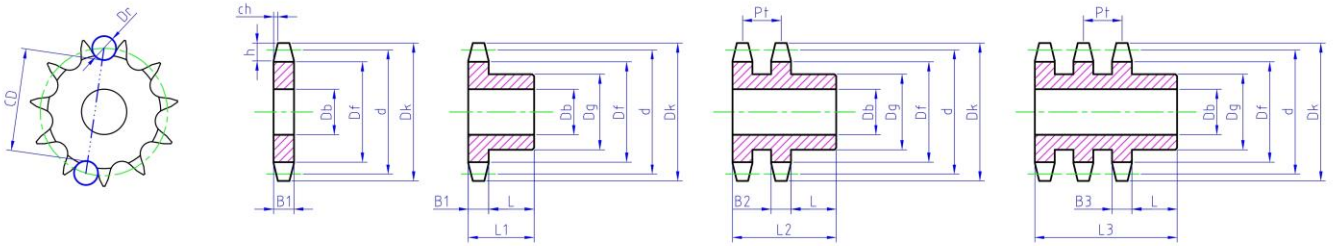


30	425.2	397.3	397.3	446.1	383	25
31	439.4	411.4	410.9	460.3	397	25
32	453.5	425.6	425.6	474.4	411	25
33	467.6	439.7	439.1	488.6	426	25
34	481.7	453.8	453.8	502.8	440	25
35	495.9	467.9	467.4	516.9	454	25
36	510.0	482.1	482.1	531.1	468	25
37	524.1	496.2	495.7	545.2	482	25
38	538.3	510.3	510.3	559.4	497	25
39	552.4	524.5	524.0	573.6	511	25
40	566.5	538.6	538.6	587.7	525	25
41	580.7	552.7	552.3	601.9	539	25
42	594.8	566.9	566.9	616.0	553	25
43	608.9	581.0	580.6	630.2	567	25
44	623.1	595.1	595.1	644.3	582	25
45	637.2	609.3	608.9	658.5	596	25
46	651.4	623.4	623.4	672.6	610	25
47	665.5	637.6	637.2	686.8	624	25
48	679.6	651.7	651.7	701.0	638	25
49	693.8	665.8	665.5	715.1	653	25
50	707.9	680.0	680.0	729.3	667	25
51	722.0	694.1	693.8	743.4	681	25
52	736.2	708.2	708.2	757.6	695	25
53	750.3	722.4	722.1	771.7	709	25
54	764.5	736.5	736.5	785.9	723	25
55	778.6	750.7	750.4	800.0	738	25
56	792.8	764.8	764.8	814.2	752	25
57	806.9	779.0	778.6	828.3	766	25
58	821.0	793.1	793.1	842.5	780	25
59	835.2	807.2	806.9	856.6	794	25
60	849.3	821.4	821.4	870.8	808	25
61	863.5	835.5	835.2	884.9	822	25
62	877.6	849.7	849.7	899.1	837	25
63	891.7	863.8	863.5	913.3	851	25
64	905.9	878.0	878.0	927.4	865	25
65	920.0	892.1	891.8	941.6	879	25
66	934.2	906.2	906.2	955.7	893	25
67	948.3	920.4	920.1	969.9	907	25
68	962.5	934.5	934.5	984.0	922	25
69	976.6	948.7	948.4	998.2	936	25
70	990.8	962.8	962.8	1012.3	950	25
71	1004.9	977.0	976.7	1026.5	964	25
72	1019.0	991.1	991.1	1040.6	978	25

73	1033.2	1005.2	1005.0	1054.8	992	25
74	1047.3	1019.4	1019.4	1068.9	1007	25
75	1061.5	1033.5	1033.3	1083.1	1021	25
76	1075.6	1047.7	1047.7	1097.2	1035	25
77	1089.8	1061.8	1061.6	1111.4	1049	25
78	1103.9	1076.0	1076.0	1125.5	1063	25
79	1118.1	1090.1	1089.9	1139.7	1077	25
80	1132.2	1104.3	1104.3	1153.8	1092	25
81	1146.3	1118.4	1118.2	1168.0	1106	25
82	1160.5	1132.6	1132.6	1182.1	1120	25
83	1174.6	1146.7	1146.5	1196.3	1134	25
84	1188.8	1160.8	1160.8	1210.4	1148	25
85	1202.9	1175.0	1174.8	1224.6	1162	25
86	1217.1	1189.1	1189.1	1238.7	1176	25
87	1231.2	1203.3	1203.1	1252.9	1191	25
88	1245.4	1217.4	1217.4	1267.0	1205	25
89	1259.5	1231.6	1231.4	1281.2	1219	25
90	1273.7	1245.7	1245.7	1295.3	1233	25
91	1287.8	1259.9	1259.7	1309.5	1247	25
92	1301.9	1274.0	1274.0	1323.6	1261	25
93	1316.1	1288.2	1288.0	1337.8	1276	25
94	1330.2	1302.3	1302.3	1351.9	1290	25
95	1344.4	1316.4	1316.3	1366.1	1304	25
96	1358.5	1330.6	1330.6	1380.2	1318	25
97	1372.7	1344.7	1344.6	1394.4	1332	25
98	1386.8	1358.9	1358.9	1408.5	1346	25
99	1401.0	1373.0	1372.9	1422.7	1360	25
100	1415.1	1387.2	1387.2	1436.8	1375	25
101	1429.3	1401.3	1401.2	1451.0	1389	25
102	1443.4	1415.5	1415.5	1465.1	1403	25
103	1457.6	1429.6	1429.5	1479.3	1417	25
104	1471.7	1443.8	1443.8	1493.4	1431	25
105	1485.9	1457.9	1457.7	1507.6	1445	25
106	1500.0	1472.1	1472.1	1521.7	1460	25
107	1514.1	1486.2	1486.0	1535.9	1474	25
108	1528.3	1500.4	1500.4	1550.0	1488	25
109	1542.4	1514.5	1514.3	1564.2	1502	25
110	1556.6	1528.6	1528.6	1578.3	1516	25
111	1570.7	1542.8	1542.6	1592.5	1530	25
112	1584.9	1556.9	1556.9	1606.6	1544	25
113	1599.0	1571.1	1570.9	1620.8	1559	25
114	1613.2	1585.2	1585.2	1634.9	1573	25
115	1627.3	1599.4	1599.2	1649.1	1587	25

116	1641.5	1613.5	1613.5	1663.2	1601	25
117	1655.6	1627.7	1627.5	1677.4	1615	25
118	1669.8	1641.8	1641.8	1691.5	1629	25
119	1683.9	1656.0	1655.8	1705.7	1644	25
120	1698.1	1670.1	1670.1	1719.8	1658	25
121	1712.2	1684.3	1684.1	1734.0	1672	25
122	1726.4	1698.4	1698.4	1748.1	1686	25
123	1740.5	1712.6	1712.4	1762.3	1700	25
124	1754.6	1726.7	1726.7	1776.4	1714	25
125	1768.8	1740.9	1740.7	1790.6	1728	25
126	1782.9	1755.0	1755.0	1804.7	1743	25
127	1797.1	1769.2	1769.0	1818.9	1757	25
128	1811.2	1783.3	1783.3	1833.0	1771	25
129	1825.4	1797.4	1797.3	1847.2	1785	25
130	1839.5	1811.6	1811.6	1861.3	1799	25
131	1853.7	1825.7	1825.6	1875.5	1813	25
132	1867.8	1839.9	1839.9	1889.6	1827	25
133	1882.0	1854.0	1853.9	1903.8	1842	25
134	1896.1	1868.2	1868.2	1917.9	1856	25
135	1910.3	1882.3	1882.2	1932.1	1870	25
136	1924.4	1896.5	1896.5	1946.2	1884	25
137	1938.6	1910.6	1910.5	1960.4	1898	25
138	1952.7	1924.8	1924.8	1974.5	1912	25
139	1966.9	1938.9	1938.8	1988.7	1927	25
140	1981.0	1953.1	1953.1	2002.8	1941	25
141	1995.2	1967.2	1967.1	2017.0	1955	25
142	2009.3	1981.4	1981.4	2031.1	1969	25
143	2023.5	1995.5	1995.4	2045.3	1983	25
144	2037.6	2009.7	2009.7	2059.4	1997	25
145	2051.7	2023.8	2023.7	2073.6	2011	25
146	2065.9	2038.0	2038.0	2087.7	2026	25
147	2080.0	2052.1	2052.0	2101.9	2040	25
148	2094.2	2066.3	2066.3	2116.0	2054	25
149	2108.3	2080.4	2080.3	2130.2	2068	25
150	2122.5	2094.5	2094.5	2144.3	2082	25

**Table of Sprocket 32B; (ISO 606, BS228)**



<h1>32B</h1>	Item		Symbol	mm		
	Pitch		P	50.8		
	Roller Diameter		Dr	29.21		
	Tooth Width (Single)		B1	29.4		
	Tooth Width (Duplex)		B2	28.8		
	Tooth Width (Triplex)		B3	28.8		
	Transverse Pitch of Strands		Pt	58.55		
	Tooth Side Relief		ch	6.6		
	Tooth Side Relief high		h	25.4		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

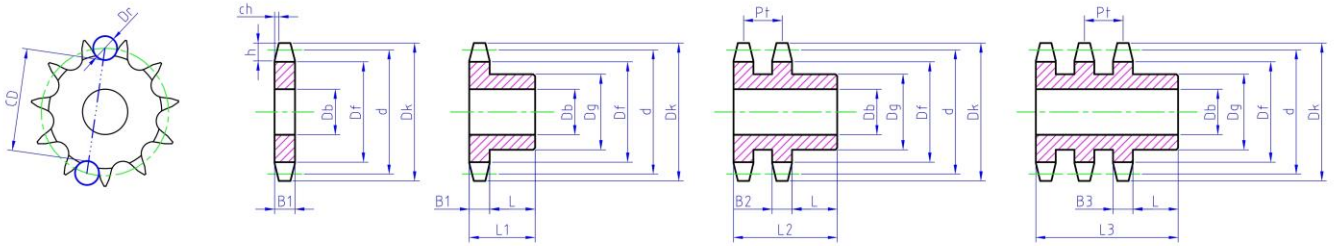
Z	d	Df	CD	Dk	Dg	Db/L
10	164.4	135.2	135.2	188.3	111	25
11	180.3	151.1	149.3	204.6	128	25
12	196.3	167.1	167.1	220.8	144	25
13	212.3	183.1	181.5	237.1	161	25
14	228.3	199.1	199.1	253.3	177	25
15	244.3	215.1	213.8	269.6	194	25
16	260.4	231.2	231.2	285.8	210	25
17	276.5	247.3	246.1	302.0	227	25
18	292.5	263.3	263.3	318.2	243	25
19	308.6	279.4	278.4	334.4	259	25
20	324.7	295.5	295.5	350.6	275	25
21	340.8	311.6	310.7	366.8	292	25
22	357.0	327.7	327.7	383.0	308	25
23	373.1	343.9	343.0	399.2	324	25
24	389.2	360.0	360.0	415.4	341	25
25	405.3	376.1	375.3	431.6	357	25
26	421.4	392.2	392.2	447.8	373	25
27	437.6	408.4	407.6	464.0	389	25
28	453.7	424.5	424.5	480.2	406	25
29	469.9	440.6	440.0	496.4	422	25

30	486.0	456.8	456.8	512.6	438	25
31	502.1	472.9	472.3	528.8	454	25
32	518.3	489.1	489.1	544.9	471	25
33	534.4	505.2	504.6	561.1	487	25
34	550.6	521.4	521.4	577.3	503	25
35	566.7	537.5	536.9	593.5	519	25
36	582.9	553.7	553.7	609.7	535	25
37	599.0	569.8	569.3	625.9	552	25
38	615.2	586.0	586.0	642.0	568	25
39	631.3	602.1	601.6	658.2	584	25
40	647.5	618.3	618.3	674.4	600	25
41	663.6	634.4	633.9	690.6	616	25
42	679.8	650.6	650.6	706.8	633	25
43	695.9	666.7	666.3	722.9	649	25
44	712.1	682.9	682.9	739.1	665	25
45	728.2	699.0	698.6	755.3	681	25
46	744.4	715.2	715.2	771.5	697	25
47	760.6	731.4	730.9	787.6	714	25
48	776.7	747.5	747.5	803.8	730	25
49	792.9	763.7	763.3	820.0	746	25
50	809.0	779.8	779.8	836.2	762	25
51	825.2	796.0	795.6	852.3	778	25
52	841.4	812.1	812.1	868.5	795	25
53	857.5	828.3	827.9	884.7	811	25
54	873.7	844.5	844.5	900.9	827	25
55	889.8	860.6	860.3	917.0	843	25
56	906.0	876.8	876.8	933.2	859	25
57	922.2	893.0	892.6	949.4	876	25
58	938.3	909.1	909.1	965.6	892	25
59	954.5	925.3	924.9	981.7	908	25
60	970.7	941.4	941.4	997.9	924	25
61	986.8	957.6	957.3	1014.1	940	25
62	1003.0	973.8	973.8	1030.3	956	25
63	1019.1	989.9	989.6	1046.4	973	25
64	1035.3	1006.1	1006.1	1062.6	989	25
65	1051.5	1022.3	1022.0	1078.8	1005	25
66	1067.6	1038.4	1038.4	1095.0	1021	25
67	1083.8	1054.6	1054.3	1111.1	1037	25
68	1100.0	1070.8	1070.8	1127.3	1054	25
69	1116.1	1086.9	1086.6	1143.5	1070	25
70	1132.3	1103.1	1103.1	1159.6	1086	25
71	1148.5	1119.2	1119.0	1175.8	1102	25
72	1164.6	1135.4	1135.4	1192.0	1118	25

73	1180.8	1151.6	1151.3	1208.2	1134	25
74	1197.0	1167.7	1167.7	1224.3	1151	25
75	1213.1	1183.9	1183.6	1240.5	1167	25
76	1229.3	1200.1	1200.1	1256.7	1183	25
77	1245.4	1216.2	1216.0	1272.9	1199	25
78	1261.6	1232.4	1232.4	1289.0	1215	25
79	1277.8	1248.6	1248.3	1305.2	1232	25
80	1293.9	1264.7	1264.7	1321.4	1248	25
81	1310.1	1280.9	1280.7	1337.5	1264	25
82	1326.3	1297.1	1297.1	1353.7	1280	25
83	1342.4	1313.2	1313.0	1369.9	1296	25
84	1358.6	1329.4	1329.4	1386.1	1312	25
85	1374.8	1345.6	1345.3	1402.2	1329	25
86	1390.9	1361.7	1361.7	1418.4	1345	25
87	1407.1	1377.9	1377.7	1434.6	1361	25
88	1423.3	1394.1	1394.1	1450.8	1377	25
89	1439.4	1410.2	1410.0	1466.9	1393	25
90	1455.6	1426.4	1426.4	1483.1	1409	25
91	1471.8	1442.6	1442.3	1499.3	1426	25
92	1487.9	1458.7	1458.7	1515.4	1442	25
93	1504.1	1474.9	1474.7	1531.6	1458	25
94	1520.3	1491.1	1491.1	1547.8	1474	25
95	1536.4	1507.2	1507.0	1564.0	1490	25
96	1552.6	1523.4	1523.4	1580.1	1507	25
97	1568.8	1539.6	1539.4	1596.3	1523	25
98	1584.9	1555.7	1555.7	1612.5	1539	25
99	1601.1	1571.9	1571.7	1628.6	1555	25
100	1617.3	1588.1	1588.1	1644.8	1571	25
101	1633.4	1604.2	1604.0	1661.0	1587	25
102	1649.6	1620.4	1620.4	1677.2	1604	25
103	1665.8	1636.6	1636.4	1693.3	1620	25
104	1682.0	1652.7	1652.7	1709.5	1636	25
105	1698.1	1668.9	1668.7	1725.7	1652	25
106	1714.3	1685.1	1685.1	1741.8	1668	25
107	1730.5	1701.2	1701.1	1758.0	1684	25
108	1746.6	1717.4	1717.4	1774.2	1701	25
109	1762.8	1733.6	1733.4	1790.4	1717	25
110	1779.0	1749.7	1749.7	1806.5	1733	25
111	1795.1	1765.9	1765.7	1822.7	1749	25
112	1811.3	1782.1	1782.1	1838.9	1765	25
113	1827.5	1798.3	1798.1	1855.0	1782	25
114	1843.6	1814.4	1814.4	1871.2	1798	25
115	1859.8	1830.6	1830.4	1887.4	1814	25

116	1876.0	1846.8	1846.8	1903.6	1830	25
117	1892.1	1862.9	1862.8	1919.7	1846	25
118	1908.3	1879.1	1879.1	1935.9	1862	25
119	1924.5	1895.3	1895.1	1952.1	1879	25
120	1940.6	1911.4	1911.4	1968.2	1895	25
121	1956.8	1927.6	1927.4	1984.4	1911	25
122	1973.0	1943.8	1943.8	2000.6	1927	25
123	1989.1	1959.9	1959.8	2016.8	1943	25
124	2005.3	1976.1	1976.1	2032.9	1959	25
125	2021.5	1992.3	1992.1	2049.1	1976	25
126	2037.6	2008.4	2008.4	2065.3	1992	25
127	2053.8	2024.6	2024.5	2081.4	2008	25
128	2070.0	2040.8	2040.8	2097.6	2024	25
129	2086.2	2056.9	2056.8	2113.8	2040	25
130	2102.3	2073.1	2073.1	2130.0	2056	25
131	2118.5	2089.3	2089.1	2146.1	2073	25
132	2134.7	2105.5	2105.5	2162.3	2089	25
133	2150.8	2121.6	2121.5	2178.5	2105	25
134	2167.0	2137.8	2137.8	2194.6	2121	25
135	2183.2	2154.0	2153.8	2210.8	2137	25
136	2199.3	2170.1	2170.1	2227.0	2154	25
137	2215.5	2186.3	2186.1	2243.1	2170	25
138	2231.7	2202.5	2202.5	2259.3	2186	25
139	2247.8	2218.6	2218.5	2275.5	2202	25
140	2264.0	2234.8	2234.8	2291.7	2218	25
141	2280.2	2251.0	2250.8	2307.8	2234	25
142	2296.3	2267.1	2267.1	2324.0	2251	25
143	2312.5	2283.3	2283.2	2340.2	2267	25
144	2328.7	2299.5	2299.5	2356.3	2283	25
145	2344.9	2315.6	2315.5	2372.5	2299	25
146	2361.0	2331.8	2331.8	2388.7	2315	25
147	2377.2	2348.0	2347.8	2404.9	2331	25
148	2393.4	2364.2	2364.2	2421.0	2348	25
149	2409.5	2380.3	2380.2	2437.2	2364	25
150	2425.7	2396.5	2396.5	2453.4	2380	25

### Table of Sprocket 40B; (ISO 606, BS228)



<h1>40B</h1>	Item		Symbol	mm		
	Pitch		P	63.5		
	Roller Diameter		Dr	39.37		
	Tooth Width (Single)		B1	36.2		
	Tooth Width (Duplex)		B2	35.4		
	Tooth Width (Triplex)		B3	35.4		
	Transverse Pitch of Strands		Pt	72.29		
	Tooth Side Relief		ch	8.3		
	Tooth Side Relief high		h	31.8		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	205.5	166.1	166.1	232.5	139	25
11	225.4	186.0	183.7	252.8	160	25
12	245.3	206.0	206.0	273.2	181	25
13	265.3	226.0	224.0	293.5	201	25
14	285.4	246.0	246.0	313.8	222	25
15	305.4	266.0	264.4	334.1	242	25
16	325.5	286.1	286.1	354.4	263	25
17	345.6	306.2	304.7	374.7	283	25
18	365.7	326.3	326.3	394.9	304	25
19	385.8	346.4	345.1	415.2	324	25
20	405.9	366.6	366.6	435.4	345	25
21	426.1	386.7	385.5	455.7	365	25
22	446.2	406.8	406.8	476.0	385	25
23	466.3	427.0	425.9	496.2	406	25
24	486.5	447.1	447.1	516.4	426	25
25	506.6	467.3	466.3	536.7	446	25
26	526.8	487.4	487.4	556.9	467	25
27	547.0	507.6	506.7	577.2	487	25
28	567.1	527.8	527.8	597.4	507	25
29	587.3	547.9	547.1	617.6	528	25

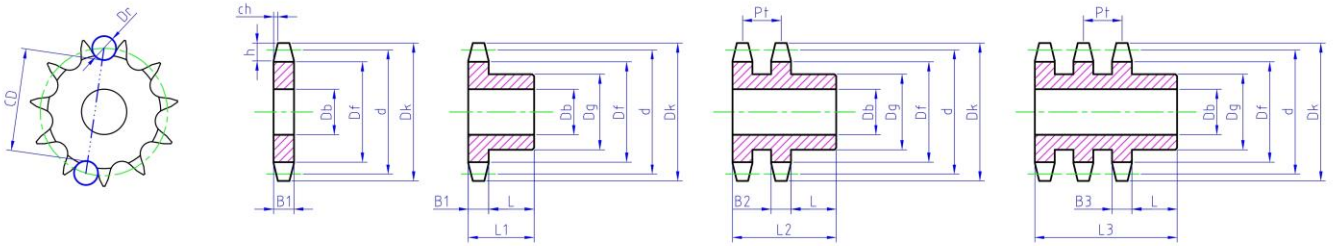


30	607.5	568.1	568.1	637.9	548	25
31	627.7	588.3	587.5	658.1	568	25
32	647.8	608.5	608.5	678.3	588	25
33	668.0	628.7	627.9	698.6	609	25
34	688.2	648.8	648.8	718.8	629	25
35	708.4	669.0	668.3	739.0	649	25
36	728.6	689.2	689.2	759.2	669	25
37	748.8	709.4	708.7	779.5	690	25
38	769.0	729.6	729.6	799.7	710	25
39	789.1	749.8	749.1	819.9	730	25
40	809.3	770.0	770.0	840.1	751	25
41	829.5	790.2	789.6	860.4	771	25
42	849.7	810.4	810.4	880.6	791	25
43	869.9	830.5	830.0	900.8	811	25
44	890.1	850.7	850.7	921.0	832	25
45	910.3	870.9	870.4	941.2	852	25
46	930.5	891.1	891.1	961.5	872	25
47	950.7	911.3	910.8	981.7	892	25
48	970.9	931.5	931.5	1001.9	912	25
49	991.1	951.7	951.2	1022.1	933	25
50	1011.3	971.9	971.9	1042.4	953	25
51	1031.5	992.1	991.6	1062.6	973	25
52	1051.7	1012.3	1012.3	1082.8	993	25
53	1071.9	1032.5	1032.1	1103.0	1014	25
54	1092.1	1052.7	1052.7	1123.2	1034	25
55	1112.3	1072.9	1072.5	1143.4	1054	25
56	1132.5	1093.1	1093.1	1163.7	1074	25
57	1152.7	1113.3	1112.9	1183.9	1095	25
58	1172.9	1133.5	1133.5	1204.1	1115	25
59	1193.1	1153.7	1153.3	1224.3	1135	25
60	1213.3	1173.9	1173.9	1244.5	1155	25
61	1233.5	1194.1	1193.7	1264.8	1176	25
62	1253.7	1214.4	1214.4	1285.0	1196	25
63	1273.9	1234.6	1234.2	1305.2	1216	25
64	1294.1	1254.8	1254.8	1325.4	1236	25
65	1314.3	1275.0	1274.6	1345.6	1256	25
66	1334.5	1295.2	1295.2	1365.8	1277	25
67	1354.7	1315.4	1315.0	1386.1	1297	25
68	1375.0	1335.6	1335.6	1406.3	1317	25
69	1395.2	1355.8	1355.4	1426.5	1337	25
70	1415.4	1376.0	1376.0	1446.7	1358	25
71	1435.6	1396.2	1395.8	1466.9	1378	25
72	1455.8	1416.4	1416.4	1487.1	1398	25

73	1476.0	1436.6	1436.3	1507.4	1418	25
74	1496.2	1456.8	1456.8	1527.6	1439	25
75	1516.4	1477.0	1476.7	1547.8	1459	25
76	1536.6	1497.2	1497.2	1568.0	1479	25
77	1556.8	1517.4	1517.1	1588.2	1499	25
78	1577.0	1537.6	1537.6	1608.4	1519	25
79	1597.2	1557.9	1557.5	1628.6	1540	25
80	1617.4	1578.1	1578.1	1648.9	1560	25
81	1637.6	1598.3	1598.0	1669.1	1580	25
82	1657.8	1618.5	1618.5	1689.3	1600	25
83	1678.1	1638.7	1638.4	1709.5	1621	25
84	1698.3	1658.9	1658.9	1729.7	1641	25
85	1718.5	1679.1	1678.8	1749.9	1661	25
86	1738.7	1699.3	1699.3	1770.2	1681	25
87	1758.9	1719.5	1719.2	1790.4	1701	25
88	1779.1	1739.7	1739.7	1810.6	1722	25
89	1799.3	1759.9	1759.7	1830.8	1742	25
90	1819.5	1780.1	1780.1	1851.0	1762	25
91	1839.7	1800.3	1800.1	1871.2	1782	25
92	1859.9	1820.6	1820.6	1891.4	1803	25
93	1880.1	1840.8	1840.5	1911.7	1823	25
94	1900.3	1861.0	1861.0	1931.9	1843	25
95	1920.6	1881.2	1880.9	1952.1	1863	25
96	1940.8	1901.4	1901.4	1972.3	1883	25
97	1961.0	1921.6	1921.3	1992.5	1904	25
98	1981.2	1941.8	1941.8	2012.7	1924	25
99	2001.4	1962.0	1961.8	2032.9	1944	25
100	2021.6	1982.2	1982.2	2053.2	1964	25
101	2041.8	2002.4	2002.2	2073.4	1984	25
102	2062.0	2022.6	2022.6	2093.6	2005	25
103	2082.2	2042.9	2042.6	2113.8	2025	25
104	2102.4	2063.1	2063.1	2134.0	2045	25
105	2122.6	2083.3	2083.0	2154.2	2065	25
106	2142.9	2103.5	2103.5	2174.4	2086	25
107	2163.1	2123.7	2123.5	2194.7	2106	25
108	2183.3	2143.9	2143.9	2214.9	2126	25
109	2203.5	2164.1	2163.9	2235.1	2146	25
110	2223.7	2184.3	2184.3	2255.3	2166	25
111	2243.9	2204.5	2204.3	2275.5	2187	25
112	2264.1	2224.7	2224.7	2295.7	2207	25
113	2284.3	2245.0	2244.7	2315.9	2227	25
114	2304.5	2265.2	2265.2	2336.2	2247	25
115	2324.7	2285.4	2285.2	2356.4	2268	25

116	2345.0	2305.6	2305.6	2376.6	2288	25
117	2365.2	2325.8	2325.6	2396.8	2308	25
118	2385.4	2346.0	2346.0	2417.0	2328	25
119	2405.6	2366.2	2366.0	2437.2	2348	25
120	2425.8	2386.4	2386.4	2457.4	2369	25
121	2446.0	2406.6	2406.4	2477.7	2389	25
122	2466.2	2426.8	2426.8	2497.9	2409	25
123	2486.4	2447.1	2446.9	2518.1	2429	25
124	2506.6	2467.3	2467.3	2538.3	2449	25
125	2526.9	2487.5	2487.3	2558.5	2470	25
126	2547.1	2507.7	2507.7	2578.7	2490	25
127	2567.3	2527.9	2527.7	2598.9	2510	25
128	2587.5	2548.1	2548.1	2619.2	2530	25
129	2607.7	2568.3	2568.1	2639.4	2551	25
130	2627.9	2588.5	2588.5	2659.6	2571	25
131	2648.1	2608.7	2608.6	2679.8	2591	25
132	2668.3	2629.0	2629.0	2700.0	2611	25
133	2688.5	2649.2	2649.0	2720.2	2631	25
134	2708.7	2669.4	2669.4	2740.4	2652	25
135	2729.0	2689.6	2689.4	2760.6	2672	25
136	2749.2	2709.8	2709.8	2780.9	2692	25
137	2769.4	2730.0	2729.8	2801.1	2712	25
138	2789.6	2750.2	2750.2	2821.3	2733	25
139	2809.8	2770.4	2770.3	2841.5	2753	25
140	2830.0	2790.6	2790.6	2861.7	2773	25
141	2850.2	2810.9	2810.7	2881.9	2793	25
142	2870.4	2831.1	2831.1	2902.1	2813	25
143	2890.6	2851.3	2851.1	2922.4	2834	25
144	2910.9	2871.5	2871.5	2942.6	2854	25
145	2931.1	2891.7	2891.5	2962.8	2874	25
146	2951.3	2911.9	2911.9	2983.0	2894	25
147	2971.5	2932.1	2932.0	3003.2	2914	25
148	2991.7	2952.3	2952.3	3023.4	2935	25
149	3011.9	2972.5	2972.4	3043.6	2955	25
150	3032.1	2992.8	2992.8	3063.9	2975	25

**Table of Sprocket 48B; (ISO 606, BS228)**



<h1>48B</h1>	Item		Symbol	mm		
	Pitch		P	76.2		
	Roller Diameter		Dr	48.26		
	Tooth Width (Single)		B1	43.4		
	Tooth Width (Duplex)		B2	42.5		
	Tooth Width (Triplex)		B3	42.5		
	Transverse Pitch of Strands		Pt	91.21		
	Tooth Side Relief		ch	9.9		
	Tooth Side Relief high		h	38.1		
	Length through (Single)		L1	=d+B1		
	Length through (Duplex)		L2	=d+pt+B2		
	Length through (Triplex)		L3	=d+(2xpt)+B3		
Dk	0~50	50~150	150~250	250~350	350~450	450~
Tolerance	+0.1/-0.1	+0.2/-0.2	+0.2/-0.3	+0.3/-0.4	+0.3/-0.4	+0.3/-0.6
Other tolerance according ISO 2768-1 m						

Z	d	Df	CD	Dk	Dg	Db/L
10	246.6	198.3	198.3	278.0	167	25
11	270.5	222.2	219.5	302.4	192	25
12	294.4	246.2	246.2	326.8	217	25
13	318.4	270.1	267.8	351.2	241	25
14	342.4	294.2	294.2	375.6	266	25
15	366.5	318.2	316.2	399.9	291	25
16	390.6	342.3	342.3	424.2	315	25
17	414.7	366.4	364.7	448.6	340	25
18	438.8	390.6	390.6	472.9	364	25
19	463.0	414.7	413.1	497.2	389	25
20	487.1	438.8	438.8	521.5	413	25
21	511.3	463.0	461.6	545.8	438	25
22	535.4	487.2	487.2	570.1	462	25
23	559.6	511.3	510.0	594.4	487	25
24	583.8	535.5	535.5	618.7	511	25
25	608.0	559.7	558.5	643.0	535	25
26	632.2	583.9	583.9	667.3	560	25
27	656.4	608.1	607.0	691.6	584	25
28	680.6	632.3	632.3	715.9	609	25
29	704.8	656.5	655.5	740.1	633	25

30	729.0	680.7	680.7	764.4	657	25
31	753.2	704.9	704.0	788.7	682	25
32	777.4	729.2	729.2	813.0	706	25
33	801.6	753.4	752.5	837.3	730	25
34	825.9	777.6	777.6	861.5	755	25
35	850.1	801.8	801.0	885.8	779	25
36	874.3	826.0	826.0	910.1	803	25
37	898.5	850.3	849.5	934.3	828	25
38	922.7	874.5	874.5	958.6	852	25
39	947.0	898.7	897.9	982.9	876	25
40	971.2	922.9	922.9	1007.1	901	25
41	995.4	947.2	946.4	1031.4	925	25
42	1019.7	971.4	971.4	1055.7	949	25
43	1043.9	995.6	994.9	1079.9	973	25
44	1068.1	1019.9	1019.9	1104.2	998	25
45	1092.4	1044.1	1043.4	1128.5	1022	25
46	1116.6	1068.3	1068.3	1152.7	1046	25
47	1140.8	1092.6	1091.9	1177.0	1071	25
48	1165.1	1116.8	1116.8	1201.3	1095	25
49	1189.3	1141.1	1140.4	1225.5	1119	25
50	1213.6	1165.3	1165.3	1249.8	1143	25
51	1237.8	1189.5	1189.0	1274.1	1168	25
52	1262.0	1213.8	1213.8	1298.3	1192	25
53	1286.3	1238.0	1237.5	1322.6	1216	25
54	1310.5	1262.3	1262.3	1346.9	1241	25
55	1334.8	1286.5	1286.0	1371.1	1265	25
56	1359.0	1310.7	1310.7	1395.4	1289	25
57	1383.2	1335.0	1334.5	1419.6	1313	25
58	1407.5	1359.2	1359.2	1443.9	1338	25
59	1431.7	1383.5	1383.0	1468.2	1362	25
60	1456.0	1407.7	1407.7	1492.4	1386	25
61	1480.2	1432.0	1431.5	1516.7	1411	25
62	1504.5	1456.2	1456.2	1540.9	1435	25
63	1528.7	1480.5	1480.0	1565.2	1459	25
64	1553.0	1504.7	1504.7	1589.5	1483	25
65	1577.2	1528.9	1528.5	1613.7	1508	25
66	1601.4	1553.2	1553.2	1638.0	1532	25
67	1625.7	1577.4	1577.0	1662.3	1556	25
68	1649.9	1601.7	1601.7	1686.5	1580	25
69	1674.2	1625.9	1625.5	1710.8	1605	25
70	1698.4	1650.2	1650.2	1735.0	1629	25
71	1722.7	1674.4	1674.0	1759.3	1653	25
72	1746.9	1698.7	1698.7	1783.5	1678	25

73	1771.2	1722.9	1722.5	1807.8	1702	25
74	1795.4	1747.2	1747.2	1832.1	1726	25
75	1819.7	1771.4	1771.0	1856.3	1750	25
76	1843.9	1795.7	1795.7	1880.6	1775	25
77	1868.2	1819.9	1819.5	1904.8	1799	25
78	1892.4	1844.2	1844.2	1929.1	1823	25
79	1916.7	1868.4	1868.0	1953.4	1847	25
80	1940.9	1892.7	1892.7	1977.6	1872	25
81	1965.2	1916.9	1916.5	2001.9	1896	25
82	1989.4	1941.2	1941.2	2026.1	1920	25
83	2013.7	1965.4	1965.0	2050.4	1945	25
84	2037.9	1989.7	1989.7	2074.7	1969	25
85	2062.2	2013.9	2013.6	2098.9	1993	25
86	2086.4	2038.2	2038.2	2123.2	2017	25
87	2110.7	2062.4	2062.1	2147.4	2042	25
88	2134.9	2086.7	2086.7	2171.7	2066	25
89	2159.2	2110.9	2110.6	2195.9	2090	25
90	2183.4	2135.2	2135.2	2220.2	2114	25
91	2207.7	2159.4	2159.1	2244.5	2139	25
92	2231.9	2183.7	2183.7	2268.7	2163	25
93	2256.2	2207.9	2207.6	2293.0	2187	25
94	2280.4	2232.2	2232.2	2317.2	2211	25
95	2304.7	2256.4	2256.1	2341.5	2236	25
96	2328.9	2280.7	2280.7	2365.7	2260	25
97	2353.2	2304.9	2304.6	2390.0	2284	25
98	2377.4	2329.2	2329.2	2414.3	2309	25
99	2401.7	2353.4	2353.1	2438.5	2333	25
100	2425.9	2377.7	2377.7	2462.8	2357	25
101	2450.2	2401.9	2401.6	2487.0	2381	25
102	2474.4	2426.2	2426.2	2511.3	2406	25
103	2498.7	2450.4	2450.1	2535.5	2430	25
104	2522.9	2474.7	2474.7	2559.8	2454	25
105	2547.2	2498.9	2498.6	2584.1	2478	25
106	2571.4	2523.2	2523.2	2608.3	2503	25
107	2595.7	2547.4	2547.1	2632.6	2527	25
108	2619.9	2571.7	2571.7	2656.8	2551	25
109	2644.2	2595.9	2595.6	2681.1	2575	25
110	2668.4	2620.2	2620.2	2705.3	2600	25
111	2692.7	2644.4	2644.2	2729.6	2624	25
112	2716.9	2668.7	2668.7	2753.9	2648	25
113	2741.2	2692.9	2692.7	2778.1	2672	25
114	2765.4	2717.2	2717.2	2802.4	2697	25
115	2789.7	2741.4	2741.2	2826.6	2721	25

116	2813.9	2765.7	2765.7	2850.9	2745	25
117	2838.2	2789.9	2789.7	2875.1	2769	25
118	2862.5	2814.2	2814.2	2899.4	2794	25
119	2886.7	2838.4	2838.2	2923.7	2818	25
120	2911.0	2862.7	2862.7	2947.9	2842	25
121	2935.2	2887.0	2886.7	2972.2	2867	25
122	2959.5	2911.2	2911.2	2996.4	2891	25
123	2983.7	2935.5	2935.2	3020.7	2915	25
124	3008.0	2959.7	2959.7	3044.9	2939	25
125	3032.2	2984.0	2983.7	3069.2	2964	25
126	3056.5	3008.2	3008.2	3093.5	2988	25
127	3080.7	3032.5	3032.2	3117.7	3012	25
128	3105.0	3056.7	3056.7	3142.0	3036	25
129	3129.2	3081.0	3080.7	3166.2	3061	25
130	3153.5	3105.2	3105.2	3190.5	3085	25
131	3177.7	3129.5	3129.2	3214.7	3109	25
132	3202.0	3153.7	3153.7	3239.0	3133	25
133	3226.2	3178.0	3177.8	3263.3	3158	25
134	3250.5	3202.2	3202.2	3287.5	3182	25
135	3274.7	3226.5	3226.3	3311.8	3206	25
136	3299.0	3250.7	3250.7	3336.0	3230	25
137	3323.3	3275.0	3274.8	3360.3	3255	25
138	3347.5	3299.2	3299.2	3384.5	3279	25
139	3371.8	3323.5	3323.3	3408.8	3303	25
140	3396.0	3347.8	3347.8	3433.0	3327	25
141	3420.3	3372.0	3371.8	3457.3	3352	25
142	3444.5	3396.3	3396.3	3481.6	3376	25
143	3468.8	3420.5	3420.3	3505.8	3400	25
144	3493.0	3444.8	3444.8	3530.1	3425	25
145	3517.3	3469.0	3468.8	3554.3	3449	25
146	3541.5	3493.3	3493.3	3578.6	3473	25
147	3565.8	3517.5	3517.3	3602.8	3497	25
148	3590.0	3541.8	3541.8	3627.1	3522	25
149	3614.3	3566.0	3565.8	3651.4	3546	25
150	3638.5	3590.3	3590.3	3675.6	3570	25

**Factory:**

Tabriz industrial zone – Tabriz – IRAN

**Postal code:**

5194638311

**Tel:**

+98-41-32862727

**Fax:**

+98-41-32889110

**Office:**

8th floor –Kosar building – pole sangi – chaykanar Ave. – Tabriz - IRAN

**Postal code:**

5154794939

**Tel:**

+98-41-33376132

**Fax:**

+98-41-33376133

**Email:**

info@coulisseco.com

**Web:**

www.coulisseco.com