



POWER TRANSMISSION PRODUCT

SPROCKETS, COUPLING, GEARS



BRIEF INTRODUCTION

“SMCO” is new Brand in Sprocket Introduce by S MEHTA & CO. in the world of Sprocket. “SMCO” Brand Found in 2019. This is a Hi-tech Brand specializing in Manufacturing and Treading in British Standard all types of Sprockets like Roller Chain Sprocket, Conveyor Sprocket, Agricultural Sprocket, special sprocket, Customized Sprockets spur Gear Bevel Gear and so on... After a experience of 20 years we become a first sprocket Importer in this transmission line. “SMCO” sprocket is not ordinary sprocket it has a special Material High Quality material with Teeth Hardening.

“SMCO” sprocket has a high standing point, and pursue for high standard and high quantity production. Advanced machinery and equipment, refined management team and professional production technology are important guarantees for the development of “SMCO” Sprockets. Optimal material preparation, fine processing, strict quality inspection and customer service have become the company's successful strategy choices. For all products, we are critical to ensure that each product can be recognized by customers. We are constantly thinking and working hard to become a quality sprocket supplier.

In the day full of opportunities and challenges, the company adheres to the business philosophy of “integrity management, excellence, customer first”, and dedicates its customers with “quality 100%, quality 100%” quality products. We know that only by continuously pursuing high-quality products and services can we stand firm in the increasingly fierce competitive market and win the dependence of customers.

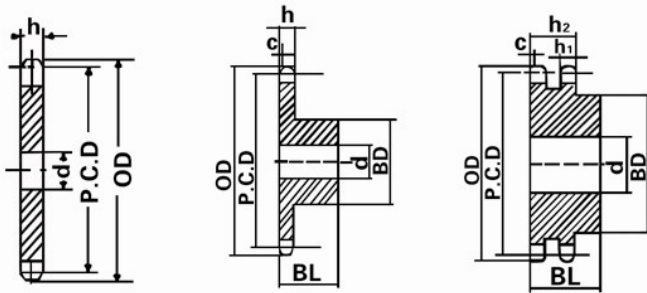


SPROCKETS



/SPROCKETS

06B SPROCKET



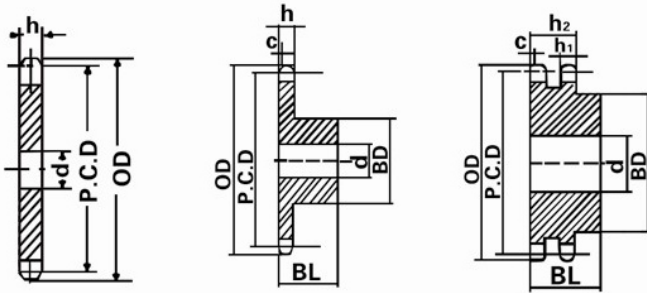
NOTE	mm
Pitch	9.525
RollerØ	6.35
h	5.3
h1	5.2
h2	15.4

(Dimensions): mm

Teeth	OD	Bore: d	Type "B" Simplex (B)		Material	Type "B" Duplex (B)		Bore: d	Material
			Hub			Hub			
			BD	BL		BD	BL		
8	28.0	8	15	22	C45	15	22	8	C45
9	31.0	8	18	22		18	22	8	
10	34.0	8	20	22		20	22	8	
11	37.0	8	22	25		22	25	10	
12	40.0	8	25	25		25	25	10	
13	43.0	10	28	25		28	25	10	
14	46.3	10	31	25		31	25	10	
15	49.3	10	34	25		34	25	10	
16	52.3	10	37	28		37	30	12	
17	55.3	10	40	28		40	30	12	
18	58.3	10	43	28		43	30	12	
19	61.3	10	45	28		46	30	12	
20	64.3	10	46	28		49	30	12	
21	68.0	12	48	28		52	30	12	
22	71.0	12	50	28		55	30	12	
23	73.5	12	52	28		58	30	12	
24	77.0	12	54	28		61	30	12	
25	80.0	12	57	28		64	30	12	
26	83.0	12	60	28		67	30	12	
27	86.0	12	60	28		70	30	12	
28	89.0	12	60	28		73	30	12	
29	92.0	12	60	28		76	30	12	
30	94.7	12	60	30		79	30	12	
31	98.3	14	65	30		80	30	16	
32	101.3	14	65	30		80	30	16	
33	104.3	14	65	30		80	30	16	
34	107.3	14	65	30		80	30	16	
35	110.4	14	65	30		80	30	16	
36	113.4	16	70	30		90	30	16	
37	116.4	16	70	30		90	30	16	
38	119.5	16	70	30		90	30	16	
39	122.5	16	70	30		90	30	16	
40	125.5	16	70	30		90	30	16	
42	131.6	16	78	35		88	50	20	
45	140.7	16	78	35		88	50	20	
46	143.7	16	78	35		88	50	20	
48	146.7	16	78	35		88	50	20	
50	155.7	20	78	35		88	50	20	
55	170.8	20	78	35		88	50	20	
57	176.9	20	78	35	88	50	20		
60	186.0	20	78	35	88	50	20		
76	234.9	20	78	35	88	50	25	S235	
95	292.5	25	88	40	108	50	25		

/SPROCKETS

08B SPROCKET



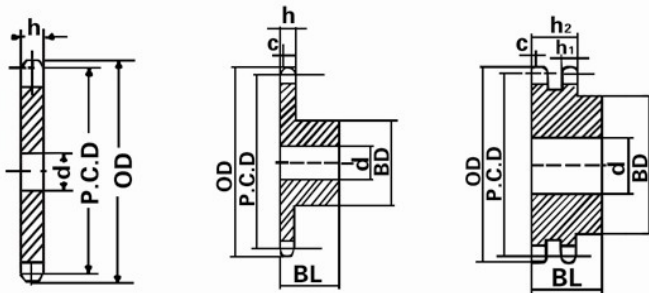
NOTE	mm
Pich	12.70
RollerØ	8.51
h	7.2
h1	7.0
h2	21.0

(Dimensions): mm

Teeth	OD	Bore: d	Type "B" Simplex (B)			Type "B" Duplex (B)			
			Hub		Material	Hub		Bore: d	Material
			BD	BL		BD	BL		
8	37.2	10	20	25	C45	20	32	10	C45
9	41.0	10	24	25		24	32	10	
10	45.2	10	26	25		28	32	10	
11	48.7	10	29	25		32	35	12	
12	53.0	10	33	28		35	35	12	
13	57.4	10	37	28		38	35	12	
14	61.8	10	41	28		42	35	12	
15	65.5	10	45	28		46	35	12	
16	69.5	12	50	28		50	35	14	
17	73.6	12	52	28		54	35	14	
18	77.8	12	56	28		58	35	14	
19	81.7	12	60	28		62	35	14	
20	85.8	12	64	28		66	35	14	
21	89.7	12	68	28		70	40	16	
22	93.8	12	70	28		70	40	16	
23	98.2	14	70	28		70	40	16	
24	101.8	14	70	28		75	40	16	
25	105.8	14	70	28		80	40	16	
26	110.0	16	70	30		85	40	20	
27	114.0	16	70	30		85	40	20	
28	118.0	16	70	30		90	40	20	
29	122.0	16	80	30		95	40	20	
30	126.1	16	80	30		100	40	20	
31	130.2	16	90	30		100	40	20	
32	134.3	16	90	30		100	40	20	
33	138.4	16	90	30		100	40	20	
34	142.6	16	90	30		100	40	20	
35	146.7	16	90	30		100	40	20	
36	151.0	16	90	35		110	40	20	
37	154.6	16	90	35		110	40	20	
38	158.6	16	90	35		110	40	20	
39	162.7	16	90	35		110	40	20	
40	166.8	16	90	35		110	40	20	
42	175.4	20	88	42	108	55	20		
45	188.0	20	88	42	108	55	20		
46	192.1	20	88	42	108	55	20		
48	200.3	20	88	42	108	55	20		
50	208.3	20	88	42	108	55	20		
55	228.1	20	88	42	108	55	25		
57	236.4	20	88	42	108	55	25		
60	248.6	20	88	42	108	55	25		
76	313.3	25	88	42	108	55	25		
95	390.1	25	108	42	120	55	25		

/SPROCKETS

16B SPROCKET



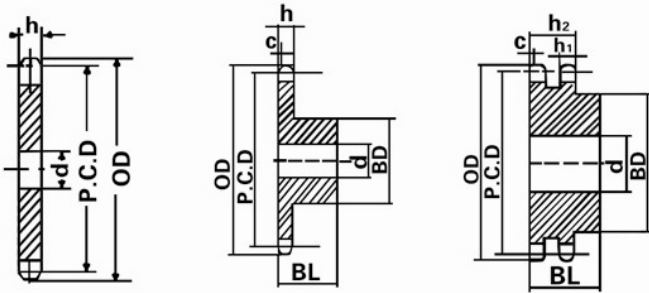
NOTE	mm
Pich	25.40
RollerØ	15.88
h	16.2
h1	15.8
h2	47.7

(Dimensions): mm

Teeth	OD	Bore: d	Type "B" Simplex (B)			Type "B" Duplex (B)			
			Hub		Material	Hub		Bore: d	Material
			BD	BL		BD	BL		
8	77.0	16	42	35	C45	42	65	16	C45
9	85.0	16	50	35		50	65	16	
10	93.0	16	55	35		56	65	16	
11	99.5	16	61	40		64	70	20	
12	109.0	16	69	40		72	70	20	
13	117.0	16	78	40		80	70	20	
14	125.0	16	84	40		88	70	20	
15	133.0	16	92	40		96	70	20	
16	141.0	20	100	45		104	70	20	
17	149.0	20	100	45		112	70	20	
18	157.0	20	100	45		120	70	20	
19	165.2	20	100	45		128	70	20	
20	173.2	20	100	45		130	70	20	
21	181.2	20	110	50		130	70	25	
22	189.3	20	110	50		130	70	25	
23	197.5	20	110	50		130	70	25	
24	205.5	20	110	50		130	70	25	
25	213.5	20	110	50		130	70	25	
26	221.6	20	120	50		130	70	25	
27	229.6	20	120	50		130	70	25	
28	237.7	20	120	50		130	70	25	
29	245.8	20	120	50		130	70	25	
30	254.0	20	120	50		130	70	25	
31	262.0	25	120	50		140	70	25	
32	270.0	25	120	50		140	70	25	
33	278.5	25	120	50		140	70	25	
34	287.0	25	120	50		140	70	25	
35	296.2	25	120	50	140	70	25		
36	304.6	25	120	50	140	70	25		
37	312.6	25	120	50	140	70	25		
38	320.7	25	120	50	140	70	25		
39	328.8	25	120	50	140	70	25		
40	336.9	25	120	50	140	70	25		
42	353.0	25	133	68	140	70	25		
45	377.1	25	133	68	140	70	25		
46	385.2	25	133	68	140	70	25		
48	401.3	25	133	68	140	70	25		
50	417.4	25	133	68	140	70	25		
57	474.0	30	133	68	160	82	40		
60	498.3	30	133	68	160	82	40		
76	627.0	30	145	68	160	82	40		
95	781.1	30	160	78	180	109	40		

/SPROCKETS

20B SPROCKET



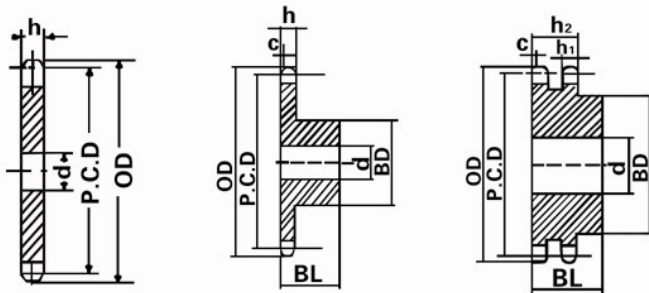
NOTE	mm
Pich	31.75
RollerØ	19.05
h	18.5
h1	18.2
h2	54.6

(Dimensions): mm

Teeth	OD	Bore: d	Type "B" Simplex (B)			Type "B" Duplex (B)			
			Hub		Material	Hub		Bore: d	Material
			BD	BL		BD	BL		
8	98.1	20	53	40	C45	53	75	20	C45
9	108.0	20	63	40		63	75	20	
10	117.9	20	70	40		70	75	20	
11	127.8	20	77	45		80	80	20	
12	137.8	20	88	45		90	80	20	
13	147.8	20	98	45		100	80	20	
14	157.8	20	108	45		110	80	20	
15	167.9	20	118	45		120	80	20	
16	177.9	25	120	50		120	80	25	
17	187.9	25	120	50		120	80	25	
18	198.0	25	120	50		120	80	25	
19	208.1	25	120	50		120	80	25	
20	218.1	25	120	50		120	80	25	
21	228.2	25	140	55		140	80	25	
22	238.3	25	140	55		140	80	25	
23	248.3	25	140	55		140	80	25	
24	258.4	25	140	55		140	80	25	
25	268.5	25	140	55		140	80	25	
26	278.6	25	150	55		150	80	25	
27	288.6	25	150	55		150	80	25	
28	298.7	25	150	55	150	80	25		
29	308.8	25	150	55	150	80	25		
30	318.9	25	150	55	150	80	25		
31	329.0	25	150	55	150	80	25		
32	339.1	25	150	55	150	80	25		
33	349.2	25	150	55	150	80	25		
34	359.3	25	150	55	150	80	25		
35	369.4	25	150	55	150	80	25		
36	379.5	25	150	55	150	80	30		
37	389.5	25	150	55	150	80	30		
38	399.6	25	150	55	150	80	30		
39	409.7	25	150	55	150	80	30		
40	419.8	25	150	55	150	80	30		
42	440.0	30	160	80	160	101	30		
45	470.3	30	160	80	160	101	30		
46	480.4	25	160	80	160	101	30		
48	500.6	25	160	80	160	101	30		
50	520.8	25	160	80	160	101	30		
57	591.5	30	160	80	180	116	40		
60	621.8	30	160	80	180	116	40		
76	783.5	30	160	80	180	116	40		
95	975.2	30	168	93	200	116	40		

/SPROCKETS

10B SPROCKET



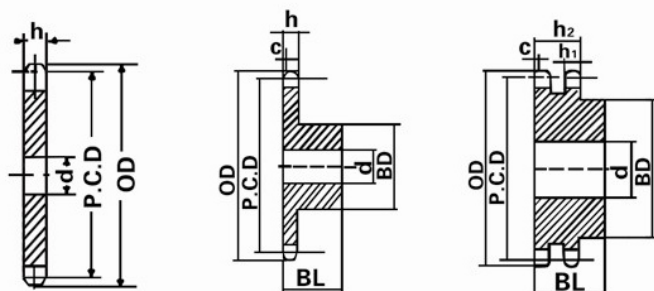
NOTE	mm
Pich	15.875
RollerØ	10.160
h	9.1
h1	9.0
h2	25.5

(Dimensions): mm

Teeth	OD	Bore: d	Type "B" Simplex (B)			Type "B" Duplex (B)				
			Hub		Material	Hub		Bore: d	Material	
			BD	BL		BD	BL			
8	47.0	10	25	25	C45	25	40	12	C45	
9	52.6	10	30	25		30	40	12		
10	57.5	10	35	25		35	40	12		
11	63.0	12	37	30		39	40	14		
12	68.0	12	42	30		44	40	14		
13	73.0	12	47	30		49	40	14		
14	78.0	12	52	30		54	40	14		
15	83.0	12	57	30		59	40	14		
16	88.0	12	60	30		64	45	16		
17	93.0	12	60	30		69	45	16		
18	98.3	14	70	30		74	45	16		
19	103.3	14	70	30		79	45	16		
20	108.4	14	75	30		84	45	16		
21	113.4	16	75	30		85	45	16		
22	118.0	16	80	30		90	45	16		
23	123.4	16	80	30		95	45	16		
24	128.3	16	80	30		100	45	16		
25	134.0	16	80	30		105	45	16		
26	139.0	20	85	35		110	45	20		
27	144.0	20	85	35		110	45	20		
28	148.7	20	90	35		115	45	20		
29	153.8	20	90	35		115	45	20		
30	158.8	20	90	35		120	45	20		
31	163.9	20	95	35		120	45	20		
32	168.9	20	95	35		120	45	20		
33	174.5	20	95	35		120	45	20		
34	179.0	20	95	35		120	45	20		
35	184.1	20	95	35		120	45	20		
36	189.1	20	100	35		120	45	20		
37	194.2	20	100	35		120	45	20		
38	199.2	20	100	35		120	45	20		
39	204.2	20	100	35		120	45	20		
40	209.3	20	100	35		120	45	20		
42	219.9	20	108*	43		120*	59	25		S235
45	235.0	20	108*	43		120*	59	25		
46	240.1	20	108*	43		120*	59	25		
48	250.2	20	108*	43		120*	59	25		
50	260.3	20	108*	43		120*	59	25		
55	285.5	20	108*	43		120*	59	25		
57	296.0	25	108*	43	120*	59	25			
60	310.8	25	108*	43	120*	59	25			
76	392.1	25	108*	43	120*	59	25			
95	488.5	30	108*	59	145*	58	30			

/SPROCKETS

12B SPROCKET



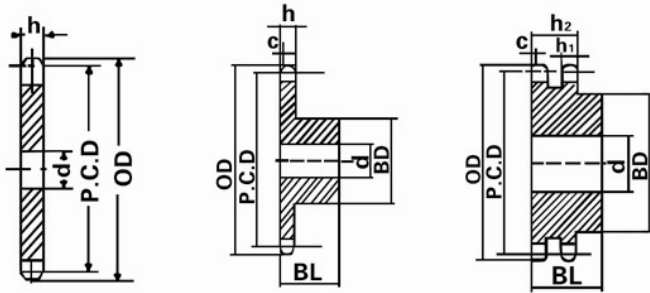
NOTE	mm
Pich	19.05
RollerØ	12.07
h	11.1
h1	10.8
h2	30.3

(Dimensions): mm

Teeth	OD	Bore: d	Type "B" Simplex (B)			Type "B" Duplex (B)			
			Hub		Material	Hub		Bore: d	Material
			BD	BL		BD	BL		
8	57.6	12	31	30	C45	31	45	12	C45
9	62.0	12	37	30		37	45	12	
10	69.0	12	42	30		42	45	12	
11	75.0	14	46	35		47	50	16	
12	81.5	14	52	35		53	50	16	
13	87.5	14	58	35		59	50	16	
14	93.6	14	64	35		65	50	16	
15	99.8	14	70	35		71	50	16	
16	105.5	16	75	35		77	50	20	
17	111.5	16	80	35		83	50	20	
18	118.0	16	80	35		89	50	20	
19	124.2	16	80	35		95	50	20	
20	129.7	16	80	35		100	50	20	
21	136.0	20	90	40		100	50	20	
22	141.8	20	90	40		100	50	20	
23	149.0	20	90	40		110	50	20	
24	153.9	20	90	40		110	50	20	
25	160.0	20	90	40		120	50	20	
26	165.9	20	95	40		120	50	20	
27	172.3	20	95	40		120	50	20	
28	178.0	20	95	40		120	50	20	
29	184.1	20	95	40		120	50	20	
30	190.5	20	95	40		120	50	20	
31	196.3	20	100	40		130	50	20	
32	203.3	20	100	40		130	50	20	
33	209.3	20	100	40		130	50	20	
34	214.6	20	100	40		130	50	20	
35	221.0	20	100	40		130	50	20	
36	226.8	20	100	40		130	50	25	
37	232.9	20	100	40		130	50	25	
38	239.0	20	100	40		130	50	25	
39	245.1	20	100	40	130	50	25		
40	251.3	20	100	40	130	50	25		
42	264.5	25	118	61	136	62	25		
45	282.5	25	118	61	136	62	25		
46	287.9	25	118	61	136	62	25		
48	300.1	25	118	61	136	62	25		
50	312.3	25	118	61	136	62	25		
55	342.7	25	118	61	136	62	25		
57	355.4	25	118	61	136	62	25		
60	373.0	25	118	61	136	62	25		
76	469.9	30	118	61	145	63	30		
95	585.1	30	133	62	145	63	30		

/SPROCKETS

24B SPROCKET



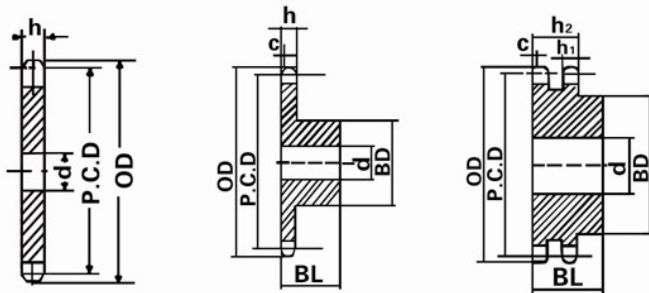
NOTE		mm
Pich		38.10
RollerØ		25.40
h		24.1
h1		23.6
h2		72.0

(Dimensions): mm

Teeth	OD	Bore: d	Type "B" Simplex (B)		Material	Type "B" Duplex (B)		Bore: d	Material
			Hub			Hub			
			BD	BL		BD	BL		
8	115.0	20	58	45	C45	58	95	25	C45
9	126.4	20	70	45		70	95	25	
10	138.0	20	80	45		80	95	25	
11	150.0	25	90	50		90	100	25	
12	162.0	25	102	50		102	100	25	
13	174.2	25	114	50		114	100	25	
14	186.2	25	128	50		128	100	25	
15	198.2	25	140	50		140	100	25	
16	210.3	25	140	55		140	100	25	
17	222.3	25	141	55		150	100	25	
18	234.3	25	141	55		160	100	25	
19	246.5	25	142	55		160	100	25	
20	258.6	25	142	55		160	100	25	
21	270.6	25	150	60		160	100	25	
22	282.7	25	150	60		160	100	25	
23	294.8	25	150	60		160	100	25	
24	306.8	25	150	60	160	100	25		
25	319.0	25	150	60	160	100	25		
26	331.0	30	160	60	160	100	30		
27	343.2	30	160	60	160	100	30		
28	355.2	30	160	60	160	100	30		
29	367.3	30	160	60	160	100	30		
30	379.5	30	160	60	160	100	30		
31	391.6	30	160	60	170	100	30		
32	403.7	30	160	60	170	100	30		
33	415.8	30	160	60	170	100	30		
34	427.8	30	160	60	170	100	30		
35	440.0	30	160	60	170	100	30		
36	452.0	30	160	60	170	100	30		
37	464.2	30	160	60	170	100	30		
38	476.2	30	160	60	170	100	30		
39	488.5	30	160	60	170	100	30		
40	500.6	30	160	60	170	100	30		
42	524.7	30	168	99	180	133	40		
45	561.2	30	168	99	180	133	40		
46	573.3	30	168	99	180	133	40		
48	597.4	30	168	99	180	133	40		
50	621.7	30	168	99	180	133	40		
57	706.5	30	168	99	180	133	40		
60	742.8	30	168	99	180	133	40		
76	936.9	40	178	118	200	133	40		
95	1167.3	40	178	118	200	133	40		

/SPROCKETS

28B SPROCKET



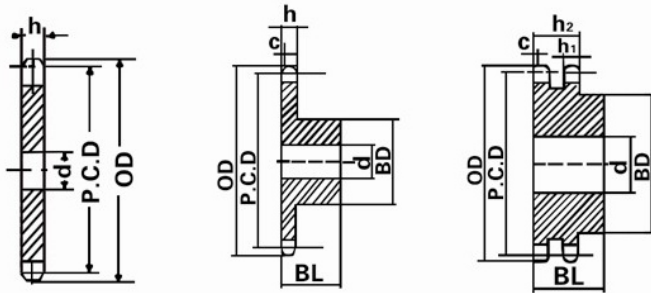
NOTE	mm
Pich	44.45
RollerØ	27.94
h	29.4
h1	28.8
h2	88.4

(Dimensions): mm

Teeth	OD	Bore:d	Type "B" Simplex (B)		Material	Type "B" Duplex (B)		Bore: d	Material
			Hub			Hub			
			BD	BL		BD	BL		
8	132.0	25	74	70	C45	74	120	25	C45
9	148.4	25	88	70		88	120	25	
10	162.3	25	100	70		100	120	25	
11	176.3	25	112	70		112	120	25	
12	189.3	25	125	70		125	120	25	
13	204.2	25	130	70		130	120	25	
14	218.2	25	130	70		130	120	25	
15	232.3	25	145	70		145	120	30	
16	246.3	30	160	75		160	120	30	
17	260.0	30	160	75		160	120	30	
18	274.0	30	160	75		160	120	30	
19	289.0	30	160	75		180	120	30	
20	303.0	30	160	75		180	120	30	
21	317.0	30	170	75		180	120	30	
22	331.0	30	170	75	180	120	30		
23	345.0	30	170	75	180	120	30		
24	359.0	30	170	75	180	120	30		
25	373.0	30	170	75	180	120	30		
26	387.0	30	170	75	180	120	30		
27	401.0	30	170	75	180	120	30		
28	416.0	30	170	75	180	120	30		
29	430.0	30	170	75	180	120	30		
30	444.0	30	170	75	180	120	30		
31	458.0	30	180	75	200	120	30		
32	472.0	30	180	75	200	120	30		
33	486.0	30	180	75	200	120	30		
34	500.0	30	180	75	200	120	30		
35	514.0	30	180	75	200	120	30		
36	529.0	30	180	75	200	120	30		
37	543.0	30	180	75	200	120	30		
38	557.0	30	180	75	200	120	30		
39	571.0	30	180	75	200	120	30		
40	585.0	30	180	75	200	120	30		
45	656.0	30	180	75	200	150	40		
50	726.0	30	180	75	200	150	40		
57	825.0	40	180	123	200	150	40		
60	869.0	40	180	123	200	150	40		

/SPROCKETS

32B SPROCKET

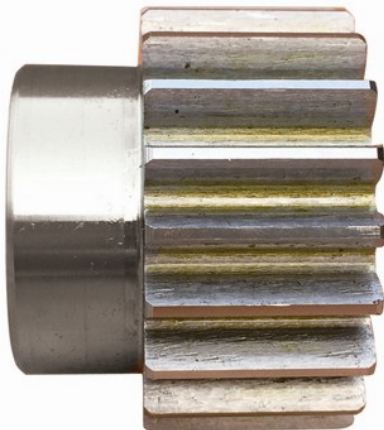
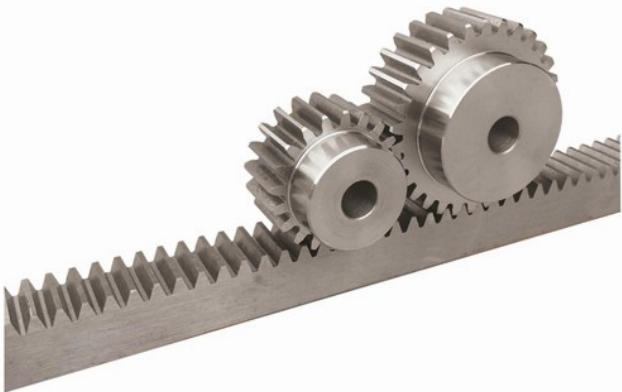


NOTE	mm
Pich	50.80
RollerØ	29.21
h	29.4
h1	28.8
h2	87.4

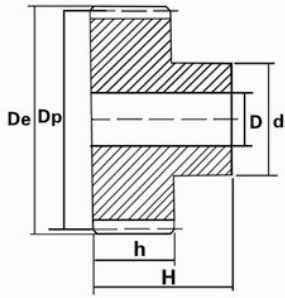
(Dimensions): mm

Teeth	OD	Bore:d	Type "B" Simplex (B)			Type "B" Duplex (B)			
			Hub		Material	Hub		Bore: d	Material
			BD	BL		BD	BL		
8	153.2	25	82	80	C45	82	120	25	C45
9	169.0	25	88	80		88	120	25	
10	185.0	25	104	80		104	120	25	
11	200.8	30	120	80		120	120	25	
12	216.8	30	133	80		133	120	25	
13	232.8	30	145	80		145	120	25	
14	248.8	30	160	80		160	120	25	
15	264.8	30	160	80		160	120	30	
16	280.9	30	160	90		160	120	30	
17	296.9	30	170	90		180	120	30	
18	313.0	30	170	90	180	120	30		
19	329.1	30	170	90	200	120	30		
20	345.2	30	180	90	200	120	30		
21	361.3	30	180	90	200	120	30		
22	377.5	30	180	90	200	120	30		
23	393.6	30	180	90	200	120	30		
24	409.7	30	180	90	200	120	30		
25	425.8	30	180	90	200	120	30		
26	441.9	30	180	90	200	120	30		
27	458.1	30	180	90	200	120	30		
28	474.2	30	180	90	200	120	30		
29	492.0	30	180	90	200	120	30		
30	506.5	30	180	90	200	120	30		
32	538.8	30	180	90	220	148	30		
35	589.5	30	180	90	220	148	30		
38	635.5	30	180	90	220	148	30		
40	670.3	30	180	90	220	148	30		
45	751.0	40	218	123	220	148	40		
50	831.8	40	218	123	220	148	40		
57	945.0	40	218	123	220	148	40		
60	993.4	40	218	123	220	148	40		





SPUR GEARS B Type



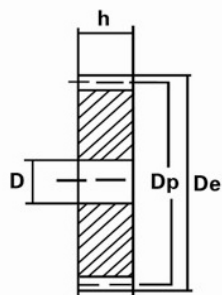
NOTE

h (M=1)	15mm
h (M=1.5)	17mm
H (M=1)	25mm
H (M=1.5)	30mm
Pressure angle	20°
Material	C45

Teeth	M=1			
	De	Dp	d	D
12	14	12	9	5
13	15	13	10	5
14	16	14	10	5
15	17	15	12	6
16	18	16	13	6
17	19	17	14	8
18	20	18	15	8
19	21	19	15	8
20	22	20	16	8
21	23	21	16	8
22	24	22	18	8
23	25	23	18	8
24	26	24	20	8
25	27	25	20	8
26	28	26	20	8
27	29	27	20	8
28	30	28	20	8
29	31	29	20	8
30	32	30	20	8
31	33	31	25	10
32	34	32	25	10
33	35	33	25	10
34	36	34	25	10
35	37	35	25	10
36	38	36	25	10
37	39	37	25	10
38	40	38	25	10
39	41	39	25	10
40	42	40	25	10
41	43	41	30	10
42	44	42	30	10
43	45	43	30	10
44	46	44	30	10
45	47	45	30	10
46	48	46	30	10
47	49	47	30	10
48	50	48	30	10
49	51	49	30	10
50	52	50	30	10
51	53	51	40	12
52	54	52	40	12
53	55	53	40	12
54	56	54	40	12
55	57	55	40	12
56	58	56	40	12
57	59	57	40	12
58	60	58	40	12
59	61	59	40	12
60	62	60	40	12
61	63	61	50	12
62	64	62	50	12
63	65	63	50	12
64	66	64	50	12
65	67	65	50	12
66	68	66	50	12
67	69	67	50	12
68	70	68	50	12
69	71	69	50	12
70	72	70	50	12
72	74	72	50	12
75	77	75	50	12
76	78	76	50	12
80	82	80	50	12

Teeth	M=1.5			
	De	Dp	d	D
12	21.0	18.0	14	8
13	22.5	19.5	14	8
14	24.0	21.0	17	8
15	25.5	22.5	18	8
16	27.0	24.0	20	8
17	28.5	25.5	20	8
18	30.0	27.0	20	8
19	31.5	28.5	20	8
20	33.0	30.0	25	8
21	34.5	31.5	25	10
22	36.0	33.0	25	10
23	37.5	34.5	25	10
24	39.0	36.0	25	10
25	40.5	37.5	25	10
26	42.0	39.0	30	12
27	43.5	40.5	30	12
28	45.0	42.0	30	12
29	46.5	43.5	30	12
30	48.0	45.0	30	12
31	49.5	46.5	35	12
32	51.0	48.0	35	12
33	52.5	49.5	35	12
34	54.0	51.0	35	12
35	55.5	52.5	35	12
36	57.0	54.0	35	12
37	58.5	55.5	40	12
38	60.0	57.0	40	12
39	61.5	58.5	40	12
40	63.0	60.0	40	14
41	64.5	61.5	50	14
42	66.0	63.0	50	14
43	67.5	64.5	50	14
44	69.0	66.0	50	14
45	70.5	67.5	50	14
46	72.0	69.0	50	14
47	73.5	70.5	50	14
48	75.0	72.0	50	14
49	76.5	73.5	50	14
50	78.0	75.0	50	14
51	79.5	76.5	60	15
52	81.0	78.0	60	15
53	82.5	79.5	60	15
54	84.0	81.0	60	15
55	85.5	82.5	60	15
56	87.0	84.0	60	15
57	88.5	85.5	60	15
58	90.0	87.0	60	15
59	91.5	88.5	60	15
60	93.0	90.0	60	15
61	94.5	91.5	70	20
62	96.0	93.0	70	20
63	97.5	94.5	70	20
64	99.0	96.0	70	20
65	100.5	97.5	70	20
66	102.0	99.0	70	20
67	103.5	100.5	70	20
68	105.0	102.0	70	20
69	106.5	103.5	70	20
70	108.0	105.0	70	20
72	111.0	108.0	80	20

SPUR GEARS A Type



NOTE

h ($M=3$) 30mm

h ($M=4$) 40mm

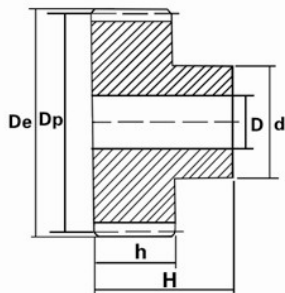
Pressure angle 20°

Material C45

Teeth	M=3	
	D_e	D_p
15	51	45
16	54	48
17	57	51
18	60	54
19	63	57
20	66	60
21	69	63
22	72	66
23	75	69
24	78	72
25	81	75
26	84	78
27	87	81
28	90	84
29	93	87
30	96	90
31	99	93
32	102	96
33	105	99
34	108	102
35	111	105
36	114	108
37	117	111
38	120	114
39	123	117
40	126	120
41	129	123
42	132	126
43	135	129
44	138	132
45	141	135
46	144	138
47	147	141
48	150	144
49	153	147
50	156	150
55	171	165
60	186	180
65	201	195
70	216	210
72	222	216
75	231	225
76	234	228
80	246	240
85	261	255
90	276	270
95	291	285
100	306	300
110	336	330
114	348	342
120	366	360
127	387	381

Teeth	M=4	
	D_e	D_p
15	68	60
16	72	64
17	76	68
18	80	72
19	84	76
20	88	80
21	92	84
22	96	88
23	100	92
24	104	96
25	108	100
26	112	104
27	116	108
28	120	112
29	124	116
30	128	120
31	132	124
32	136	128
33	140	132
34	144	136
35	148	140
36	152	144
37	156	148
38	160	152
39	164	156
40	168	160
41	172	164
42	176	168
43	180	172
44	184	176
45	188	180
46	192	184
47	196	188
48	200	192
49	204	196
50	208	200
55	228	220
60	248	240
65	268	260
70	288	280
72	296	288
75	308	300
76	312	304
80	328	320
85	348	340
90	368	360
95	388	380
100	408	400
110	448	440
114	464	456

SPUR GEARS B Type



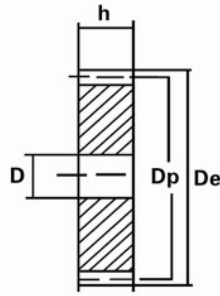
NOTE

h (M=2)	20mm
h (M=2.5)	25mm
H (M=2)	35mm
H (M=2.5)	40mm
Pressure angle	20°
Material	C45

Teeth	M=2			
	De	Dp	d	D
12	28	24	18	10
13	30	26	19	10
14	32	28	20	10
15	34	30	22	10
16	36	32	24	10
17	38	34	25	10
18	40	36	25	10
19	42	38	25	10
20	44	40	30	10
21	46	42	30	12
22	48	44	30	12
23	50	46	30	12
24	52	48	35	12
25	54	50	35	12
26	56	52	40	12
27	58	54	40	12
28	60	56	40	12
29	62	58	40	14
30	64	60	40	14
31	66	62	45	14
32	68	64	45	14
33	70	66	45	14
34	72	68	45	14
35	74	70	45	14
36	76	72	45	14
37	78	74	50	14
38	80	76	50	14
39	82	78	50	14
40	84	80	50	14
41	86	82	60	16
42	88	84	60	16
43	90	86	60	16
44	92	88	60	16
45	94	90	60	16
46	96	92	60	16
47	98	94	60	16
48	100	96	70	16
49	102	98	70	16
50	104	100	70	16
51	106	102	70	20
52	108	104	70	20
53	110	106	70	20
54	112	108	70	20
55	114	110	70	20
56	116	112	70	20
57	118	114	70	20
58	120	116	70	20
59	122	118	70	20
60	124	120	70	20
61	126	122	80	20
62	128	124	80	20
63	130	126	80	20
64	132	128	80	20
65	134	130	80	20
66	136	132	80	20
67	138	134	80	20
68	140	136	80	20
69	142	138	80	20
70	144	140	80	20
72	148	144	80	20

Teeth	M=2.5			
	De	Dp	d	D
12	35.0	30.0	22	10
13	37.5	32.5	25	10
14	40.0	35.0	28	10
15	42.5	37.5	30	10
16	45.0	40.0	32	12
17	47.5	42.5	35	12
18	50.0	45.0	35	12
19	52.5	47.5	35	12
20	55.0	50.0	40	14
21	57.5	52.5	40	14
22	60.0	55.0	45	14
23	62.5	57.5	45	14
24	65.0	60.0	45	14
25	67.5	62.5	50	14
26	70.0	65.0	50	14
27	72.5	67.5	50	14
28	75.0	70.0	50	14
29	77.5	72.5	50	14
30	80.0	75.0	55	16
31	82.5	77.5	55	16
32	85.0	80.0	55	16
33	87.5	82.5	55	16
34	90.0	85.0	55	16
35	92.5	87.5	60	16
36	95.0	90.0	60	16
37	97.5	92.5	60	16
38	100.0	95.0	60	16
39	102.5	97.5	60	16
40	105.0	100.0	70	20
41	107.5	102.5	70	20
42	110.0	105.0	70	20
43	112.5	107.5	70	20
44	115.0	110.0	70	20
45	117.5	112.5	70	20
46	120.0	115.0	70	20
47	122.5	117.5	80	20
48	125.0	120.0	80	20
49	127.5	122.5	80	20
50	130.0	125.0	80	20
51	132.5	127.5	90	20
52	135.0	130.0	90	20
53	137.5	132.5	90	20
54	140.0	135.0	90	20
55	142.5	137.5	90	20
56	145.0	140.0	100	20
57	147.5	142.5	100	20
58	150.0	145.0	100	20
59	152.5	147.5	100	20
60	155.0	150.0	100	20
62	160.0	155.0	100	20
63	162.5	157.5	100	20
65	167.5	162.5	100	20
67	172.5	167.5	100	20
70	180.0	175.0	100	20

SPUR GEARS A Type



NOTE

h ($M=5$) 50mm
 h ($M=6$) 60mm
 Pressure angle 20°
 Material C45

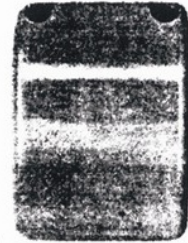
Teeth	M=5	
	De	Dp
15	85	75
16	90	80
17	95	85
18	100	90
19	105	95
20	110	100
21	115	105
22	120	110
23	125	115
24	130	120
25	135	125
26	140	130
27	145	135
28	150	140
29	155	145
30	160	150
32	170	160
35	185	175
38	200	190
40	210	200
45	235	225
48	250	240
50	260	250
52	270	260
55	285	275
57	295	285
60	310	300
65	335	325
70	360	350
75	385	375
76	390	380
80	410	400
85	435	425
90	460	450
95	485	475
100	510	500
110	560	550
114	580	570

Teeth	M=6	
	De	Dp
15	102	90
16	108	96
17	114	102
18	120	108
19	126	114
20	132	120
21	138	126
22	144	132
23	150	138
24	156	144
25	162	150
26	168	156
27	174	162
28	180	168
29	186	174
30	192	180
32	204	192
35	222	210
38	240	228
40	252	240

COUPLING



Coupling



Casing

Make sure to use the housing for high-speed operation, and for use in dusty or corrosive environment.



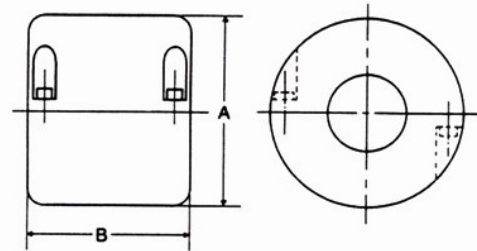
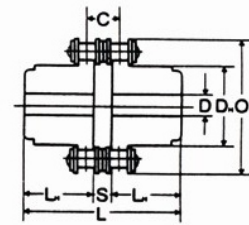
Sprocket



Double Strand Roller Chain



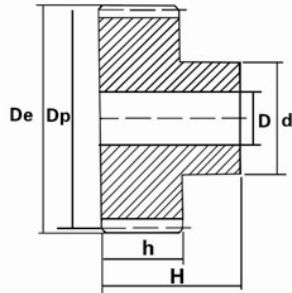
Sprocket



(Dimensions): mm

Coupling No.	Chain Pitch	Stock hole	Coupling								Casing			
			Shaft Dia.		O	L	DH	LH	S	C	Approx Weight (kg)	A	B	Approx Weight (kg)
			Min	Max										
3012	9.53	12	13.5	16	45	65.0	27.2	29.5	6.0	10.1	0.31	69	63	0.22
4012		12	14	22	62	79.4	36.0	36			0.73	77	72	0.30
4014	12.70	12	14	28	69	79.4	45.0	36	7.4	14.4	1.12	84	75	0.31
4016		13.5	16	32	77	87.4	51.5	40			1.50	92	72	0.35
5014		14.5	17	35	86	99.7	56.0	45			2.15	101	85	0.47
5016	15.88	14.5	18	40	96	99.7	64.0	45	9.7	18.1	2.75	110	87	0.50
5018		16	18	45	106	99.7	73.5	45			3.60	122	85	0.60
6018		20	22	56	127	123.5	89.5	56			6.55	147	105	1.20
6020	19.05	20	24	60	139	123.5	102.5	56	11.5	22.8	8.38	158	105	1.20
6022		20	28	71	151	123.5	115	56			10.40	168	117	1.20
8018		20	32	80	169	141.2	115	63			13.20	190	129	1.90
8020	25.40	20	36	90	185	145.2	125	65	15.2	29.3	16.20	210	137	2.50
8022		20	40	100	202	157.2	142	71			21.80	226	137	2.70
10020	31.75	25	45	110	233	178.8	162	80	18.8	35.8	32.40	281	153	4.10
12018		35	50	125	256	202.7	173	90			43.20	307	181	5.20
12022	38.10	35	56	140	304	222.7	213	100	22.7	45.4	69.10	357	181	6.70

SPUR GEARS B Type



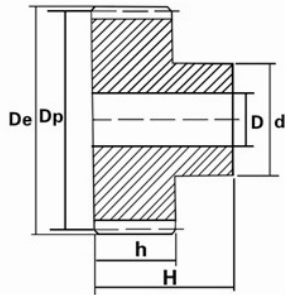
NOTE

h (M=5)	50mm
h (M=6)	60mm
H (M=5)	75mm
H (M=6)	80mm
Pressure angle	20°
Material	C45

Teeth	M=5			
	De	Dp	d	D
12	70	60	45	16
13	75	65	50	16
14	80	70	55	20
15	85	75	60	20
16	90	80	65	20
17	95	85	70	20
18	100	90	70	20
19	105	95	70	20
20	110	100	80	20
21	115	105	80	20
22	120	110	80	25
23	125	115	90	25
24	130	120	90	25
25	135	125	90	25
26	140	130	100	25
27	145	135	100	25
28	150	140	100	25
29	155	145	100	25
30	160	150	100	25
32	170	160	110	25
36	190	180	110	25
38	200	190	110	30
40	210	200	110	30
42	220	210	120	30
55	285	275	120	30
60	310	300	120	30

Teeth	M=6			
	De	Dp	d	D
12	84	72	54	20
14	96	84	65	20
15	102	90	70	20
16	108	96	75	20
18	120	108	80	20
20	132	120	90	20
23	150	138	110	25
24	156	144	110	25
25	162	150	110	25
30	192	180	110	25
40	252	240	120	25

SPUR GEARS B Type



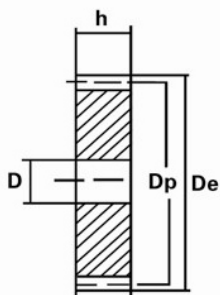
NOTE

h (M=3)	30mm
h (M=4)	40mm
H (M=3)	50mm
H (M=4)	60mm
Pressure angle	20°
Material	C45

Teeth	M=3			
	De	Dp	d	D
12	42	36	25	12
13	45	39	25	12
14	48	42	30	12
15	51	45	35	12
16	54	48	38	15
17	57	51	42	15
18	60	54	45	15
19	63	57	45	15
20	66	60	45	15
21	69	63	45	15
22	72	66	50	15
23	75	69	50	15
24	78	72	50	16
25	81	75	60	16
26	84	78	60	16
27	87	81	60	16
28	90	84	60	16
29	93	87	60	16
30	96	90	60	16
31	99	93	70	20
32	102	96	70	20
33	105	99	70	20
34	108	102	70	20
35	111	105	70	20
36	114	108	70	20
37	117	111	80	20
38	120	114	80	20
39	123	117	80	20
40	126	120	80	20
41	129	123	90	20
42	132	126	90	20
43	135	129	90	20
44	138	132	90	20
45	141	135	90	20
46	144	138	90	20
47	147	141	90	20
48	150	144	100	20
49	153	147	100	20
50	156	150	100	20
54	168	162	100	20
55	171	165	100	20
56	174	168	100	20
57	177	171	100	20
60	186	180	100	20
62	192	186	100	20
65	201	195	100	20

Teeth	M=4			
	De	Dp	d	D
12	56	48	35	14
13	60	52	40	14
14	64	56	45	14
15	68	60	45	14
16	72	64	50	15
17	76	68	50	15
18	80	72	50	15
19	84	76	60	15
20	88	80	60	15
21	92	84	70	20
22	96	88	70	20
23	100	92	75	20
24	104	96	75	20
25	108	100	75	20
26	112	104	75	20
27	116	108	75	20
28	120	112	75	20
29	124	116	75	20
30	128	120	75	20
31	132	124	80	20
32	136	128	80	20
33	140	132	80	20
34	144	136	80	20
35	148	140	80	20
36	152	144	80	20
37	156	148	80	20
38	160	152	80	25
39	164	156	80	25
40	168	160	80	25
45	188	180	80	25
48	200	192	80	25
50	208	200	80	25
60	248	240	100	25
65	268	260	100	25

SPUR GEARS A Type



NOTE

h ($M=1$) 15mm

h ($M=1.5$) 17mm

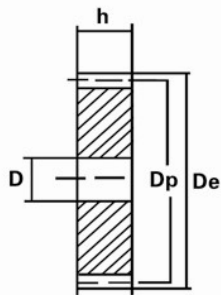
Pressure angle 20°

Material C45

Teeth	M=1	
	De	Dp
15	17	15
16	18	16
17	19	17
18	20	18
19	21	19
20	22	20
21	23	21
22	24	22
23	25	23
24	26	24
25	27	25
26	28	26
27	29	27
28	30	28
29	31	29
30	32	30
31	33	31
32	34	32
33	35	33
34	36	34
35	37	35
36	38	36
37	39	37
38	40	38
39	41	39
40	42	40
41	43	41
42	44	42
43	45	43
44	46	44
45	47	45
46	48	46
47	49	47
48	50	48
49	51	49
50	52	50
55	57	55
60	62	60
65	67	65
70	72	70
72	74	72
75	77	75
76	78	76
80	82	80
85	87	85
90	92	90
95	97	95
100	102	100
110	112	110
114	116	114
120	122	120
127	129	127

Teeth	M=1.5	
	De	Dp
15	25.5	22.5
16	27.0	24.0
17	28.5	25.5
18	30.0	27.0
19	31.5	28.5
20	33.0	30.0
21	34.5	31.5
22	36.0	33.0
23	37.5	34.5
24	39.0	36.0
25	40.5	37.5
26	42.0	39.0
27	43.5	40.5
28	45.0	42.0
29	46.5	43.5
30	48.0	45.0
31	49.5	46.5
32	51.0	48.0
33	52.5	49.5
34	54.0	51.0
35	55.5	52.5
36	57.0	54.0
37	58.5	55.5
38	60.0	57.0
39	61.5	58.5
40	63.0	60.0
41	64.5	61.5
42	66.0	63.0
43	67.5	64.5
44	69.0	66.0
45	70.5	67.5
46	72.0	69.0
47	73.5	70.5
48	75.0	72.0
49	76.5	73.5
50	78.0	75.0
55	85.5	82.5
60	93.0	90.0
65	100.5	97.5
70	108.0	105.0
72	111.0	108.0
75	115.5	112.5
76	117.0	114.0
80	123.0	120.0
85	130.5	127.5
90	138.0	135.0
95	145.5	142.5
100	153.0	150.0
110	168.0	165.0
114	174.0	171.0
120	183.0	180.0
127	193.5	190.5

SPUR GEARS A Type



NOTE

h (M=2)	20mm
h (M=2.5)	25mm
Pressure angle	20°
Material	C45

Teeth	M=2	
	De	Dp
15	34	30
16	36	32
17	38	34
18	40	36
19	42	38
20	44	40
21	46	42
22	48	44
23	50	46
24	52	48
25	54	50
26	56	52
27	58	54
28	60	56
29	62	58
30	64	60
31	66	62
32	68	64
33	70	66
34	72	68
35	74	70
36	76	72
37	78	74
38	80	76
39	82	78
40	84	80
41	86	82
42	88	84
43	90	86
44	92	88
45	94	90
46	96	92
47	98	94
48	100	96
49	102	98
50	104	100
55	114	110
60	124	120
65	134	130
70	144	140
72	148	144
75	154	150
76	156	152
80	164	160
85	174	170
90	184	180
95	194	190
100	204	200
110	224	220
114	232	228
120	244	240
127	258	254

Teeth	M=2.5	
	De	Dp
15	42.5	37.5
16	45.0	40.0
17	47.5	42.5
18	50.0	45.0
19	52.5	47.5
20	55.0	50.0
21	57.5	52.5
22	60.0	55.0
23	62.5	57.5
24	65.0	60.0
25	67.5	62.5
26	70.0	65.0
27	72.5	67.5
28	75.0	70.0
29	77.5	72.5
30	80.0	75.0
31	82.5	77.5
32	85.0	80.0
33	87.5	82.5
34	90.0	85.0
35	92.5	87.5
36	95.0	90.0
37	97.5	92.5
38	100.0	95.0
39	102.5	97.5
40	105.0	100.0
41	107.5	102.5
42	110.0	105.0
43	112.5	107.5
44	115.0	110.0
45	117.5	112.5
46	120.0	115.0
47	122.5	117.5
48	125.0	120.0
49	127.5	122.5
50	130.0	125.0
55	142.5	137.5
60	155.0	150.0
65	167.5	162.5
70	180.0	175.0
72	185.0	180.0
75	192.5	187.5
76	195.0	190.0
80	205.0	200.0
85	217.5	212.5
90	230.0	225.0
95	242.5	237.5
100	255.0	250.0
110	280.0	275.0
114	290.0	285.0
120	305.0	300.0
127	322.5	317.5

S. MEHTA AND COMPANY

Ram Vila, Sultanpura Naka, Lehripura New Road, Vadodara - 390001 Gujarat. (India)

Email : Info@smco.com | sales@smco.com

Mob : +91 98980 63383 | 0265 2431472 | 0265 2429241

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