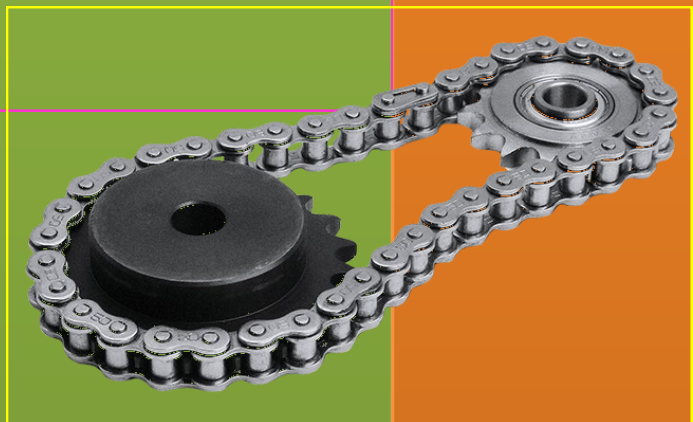
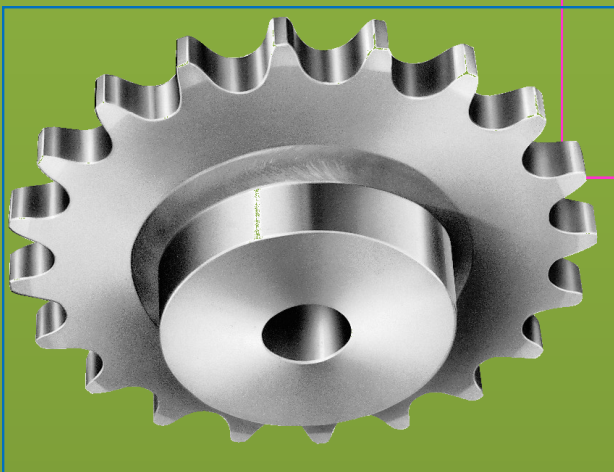
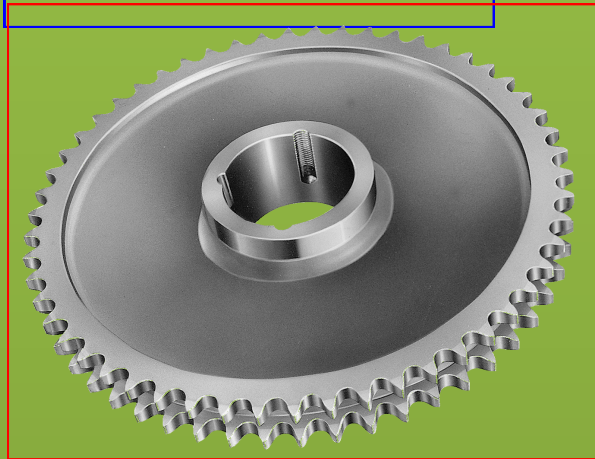
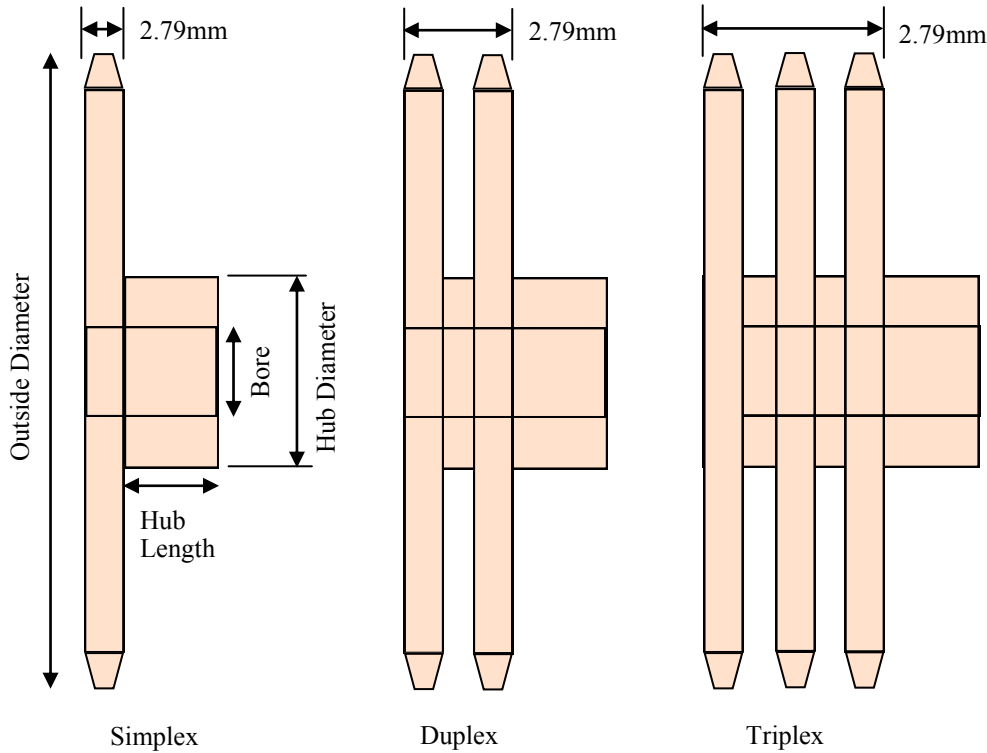


Sprocket Catalogue



SPROCKET

Size	Pitch	Roller diameter
25	0.250 in (6.35 mm)	0.130 in (6.35 mm)
35	0.375 in (9.53 mm)	0.200 in (5.08 mm)
41	0.500 in (12.70 mm)	0.306 in (7.77 mm)
40	0.500 in (12.70 mm)	0.312 in (7.92 mm)
50	0.625 in (15.88 mm)	0.400 in (10.16 mm)
60	0.750 in (19.05 mm)	0.469 in (11.91 mm)
80	1.000 in (25.40 mm)	0.625 in (15.88 mm)
100	1.250 in (31.75 mm)	0.750 in (19.05 mm)
120	1.500 in (38.10 mm)	0.875 in (22.23 mm)
140	1.750 in (44.45 mm)	1.000 in (25.40 mm)
160	2.000 in (50.80 mm)	1.125 in (28.58 mm)
180	2.250 in (57.15 mm)	1.460 in (37.08 mm)
200	2.500 in (63.50 mm)	1.562 in (39.67 mm)
240	3.000 in (76.20 mm)	1.875 in (47.63 mm)

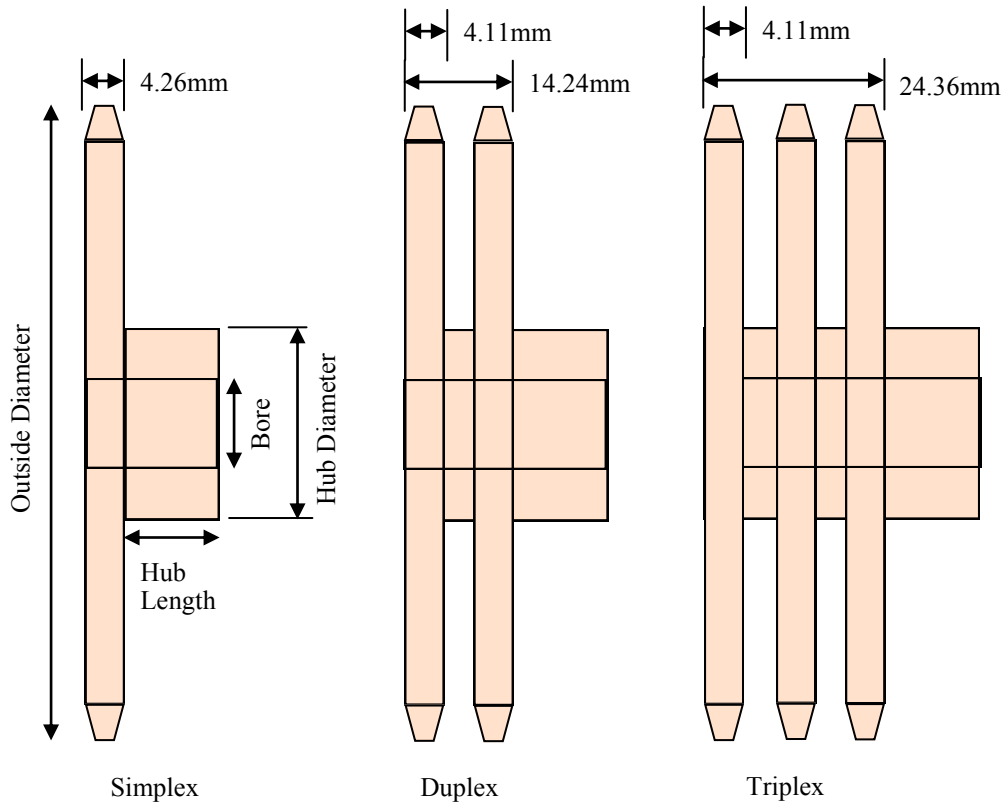


Sprocket will manufactured with Taper lock, QD Bush, Split Locking, Specific Bore with Keyway & Drill-tap., Bearing bore with circlip groove, Hardening & Grinding.

No. of Teeth	O.D.	P.C.D.	No. of Teeth	O.D.	P.C.D.
9	21	18.6	24	52	48.6
10	23	20.5	25	54	50.7
11	25	22.5	26	56	52.7
12	28	24.5	28	60	56.7
13	30	26.5	30	64	60.8
14	32	28.5	32	68	64.8
15	34	30.6	35	74	70.8
16	36	32.6	36	76	72.8
17	38	34.6	40	85	80.9
18	40	36.6	45	95	91.0
19	42	38.6	48	101	97.1
20	44	40.6	54	113	109.2
21	46	42.6	50	125	121.3
22	48	44.6	72	149	145.6
23	50	46.6			

- We supply chain sprocket with bore & keyway as per customer requirements.
- Material: C.I., M.S., SS 304, SS 316, or other as per requirement.
- Sprocket with hardening, bore grinding, blackening, Buffing, per as requirement.
- We also manufacture all sizes which are not provided in table above.
- Customer Drawings and Specifications are most preferable.
- Sprocket with taper lock, QD Bush, Split hub locking also manufactured.
- We manufacture sprocket in any large diameter, any no of groove.

Chain Sprocket : Pitch 3/8"



Sprocket will manufactured with Taper lock, QD Bush, Split Locking, Specific Bore with Keyway & Drill-tap., Bearing bore with circlip groove, Hardening & Grinding.

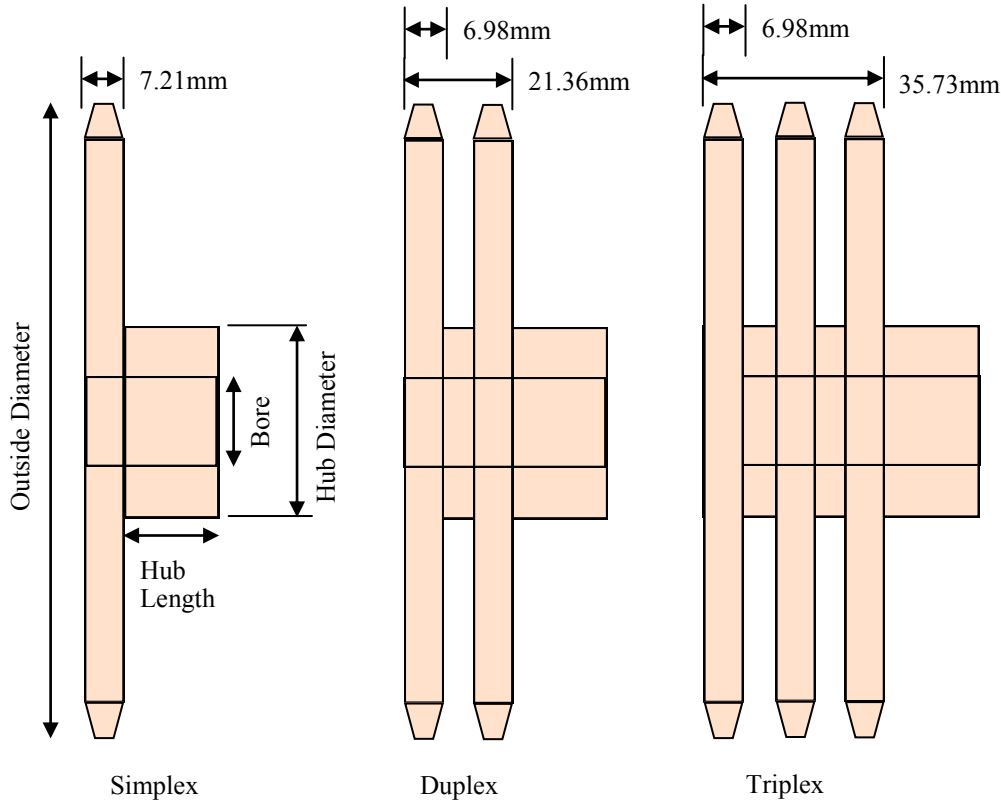
No. of Teeth	O.D.	P.C.D.	No. of Teeth	O.D.	P.C.D.
9	32	27.8	24	78	72.1
10	35	30.8	25	81	76.0
11	38	33.8	26	84	79.0
12	41	36.8	27	87	82.0
13	44	39.8	28	90	85.1
14	47	42.8	30	96	91.1
15	51	45.8	32	102	97.2
16	54	48.8	35	112	106.2
17	57	51.8	36	115	109.3
18	60	54.9	40	127	121.4
19	63	57.9	42	133	127.5
20	66	60.9	45	142	136.6
21	69	63.9	48	150	145.6
22	72	66.9	54	169	163.8
23	75	70.0	60	187	182.0

- We supply chain sprocket with bore & keyway as per customer requirements.
- Material: C.I., M.S., SS 304, SS 316, or other as per requirement.
- Sprocket with hardening, bore grinding, blackening, Buffing, per as requirement.
- We also manufacture all sizes which are not provided in table above.
- Customer Drawings and Specifications are most preferable.
- Sprocket with taper lock, QD Bush, Split hub locking also manufactured.
- We manufacture sprocket in any large diameter, any no of groove.

Chain Sprocket : Pitch 1/2"



Delivering Quality Since 1997

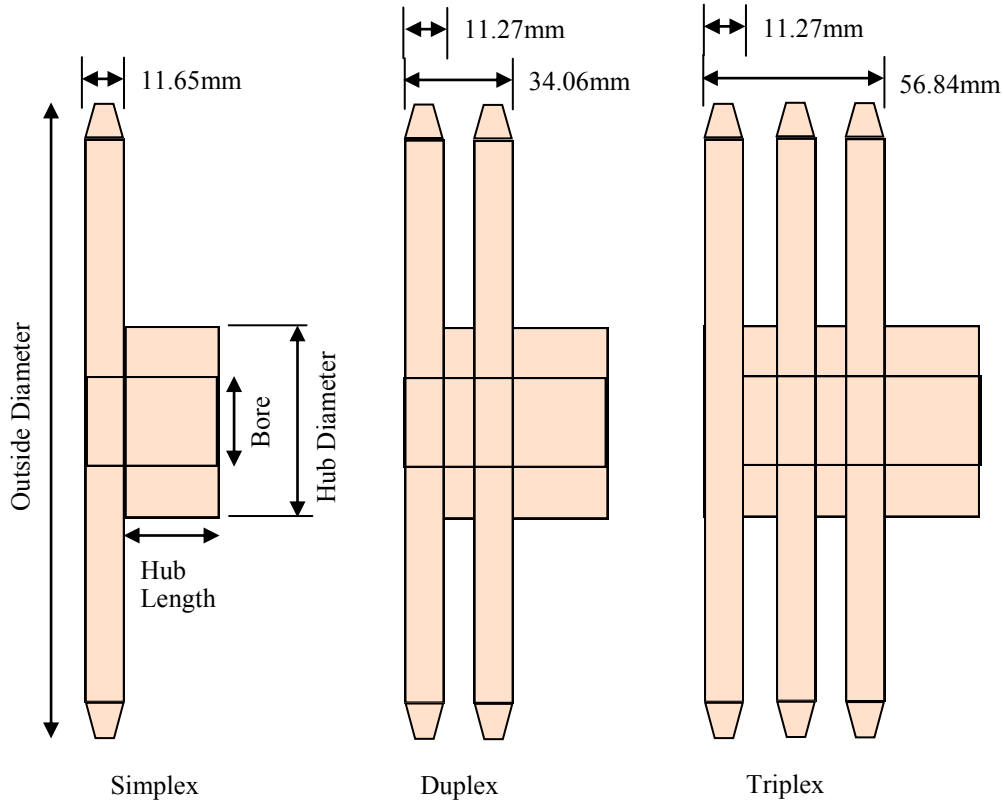


Sprocket will manufactured with Taper lock, QD Bush, Split Locking, Specific Bore with Key-way & Drill-tap., Bearing bore with circlip groove, Hardening & Grinding.

No. of Teeth	O.D.	P.C.D.	No. of Teeth	O.D.	P.C.D.
9	43	37.1	25	108	101.3
10	47	41.1	26	112	105.4
11	51	45.1	28	120	113.4
12	55	49.1	30	128	121.5
13	59	53.1	32	137	129.6
14	63	57.1	34	145	137.6
15	67	61.1	35	149	141.7
16	71	65.1	36	153	145.7
17	76	69.1	38	161	153.8
18	80	73.1	40	169	161.9
19	84	77.2	42	177	170.0
20	88	81.2	45	189	182.1
21	92	85.2	48	201	194.2
22	96	89.2	50	209	202.3
23	100	93.3	54	226	218.4
24	104	97.3	60	250	242.7

- We supply chain sprocket with bore & keyway as per customer requirements.
- Material: C.I., M.S., SS 304, SS 316, or other as per requirement.
- Sprocket with hardening, bore grinding, blackening, Buffing, per as requirement.
- We also manufacture all sizes which are not provided in table above.
- Customer Drawings and Specifications are most preferable.
- Sprocket with taper lock, QD Bush, Split hub locking also manufactured.
- We manufacture sprocket in any large diameter, any no of groove.

Chain Sprocket : Pitch 3/4"



Sprocket will manufactured with Taper lock, QD Bush, Split Locking, Specific Bore with Keyway & Drill-tap., Bearing bore with circlip groove, Hardening & Grinding.

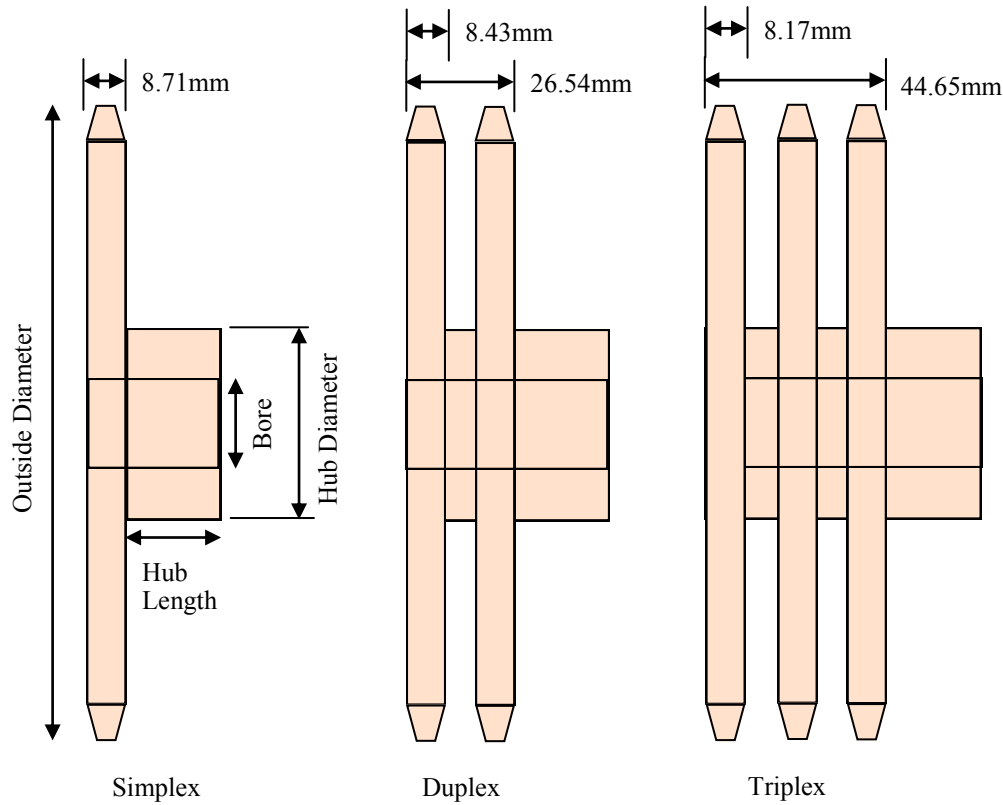
No. of Teeth	O.D.	P.C.D.	No. of Teeth	O.D.	P.C.D.
9	64	55.7	24	156	145.9
10	70	61.6	25	162	152.0
11	76	67.6	26	168	158.0
12	83	73.6	28	180	170.1
13	89	79.6	30	193	182.2
14	95	85.6	31	199	188.3
15	101	91.6	33	211	200.4
16	107	97.7	35	223	212.5
17	113	103.7	36	229	218.6
18	119	109.7	38	241	230.7
19	126	115.7	40	253	242.8
20	132	121.8	42	266	254.9
21	138	127.8	45	284	273.1
22	144	133.9	48	302	297.3
23	150	139.9	54	339	327.4

- We supply chain sprocket with bore & keyway as per customer requirements.
- Material: C.I., M.S., SS 304, SS 316, or other as per requirement.
- Sprocket with hardening, bore grinding, blackening, Buffing, per as requirement.
- We also manufacture all sizes which are not provided in table above.
- Customer Drawings and Specifications are most preferable.
- Sprocket with taper lock, QD Bush, Split hub locking also manufactured.
- We manufacture sprocket in any large diameter, any no of groove.

Chain Sprocket : Pitch 5/8"



Delivering Quality Since 1997

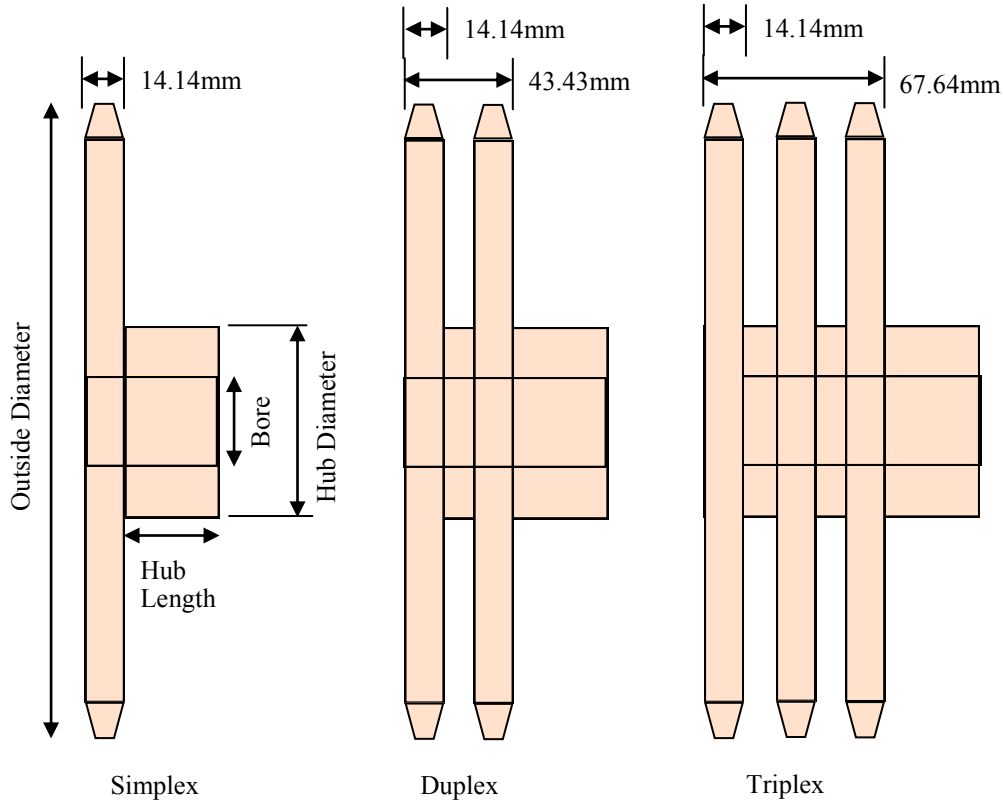


Sprocket will manufactured with Taper lock, QD Bush, Split Locking, Specific Bore with Key-way & Drill-tap., Bearing bore with circlip groove, Hardening & Grinding.

No. of Teeth	O.D.	P.C.D.	No. of Teeth	O.D.	P.C.D.
10	58	51.4	31	166	156.9
12	69	61.3	32	171	162.0
14	79	71.3	33	176	167.0
16	89	81.4	34	181	172.1
18	100	91.4	35	186	177.1
20	110	101.5	36	191	182.1
22	120	111.6	37	196	187.2
23	125	116.6	38	201	192.3
24	130	121.6	40	211	202.3
25	135	126.7	42	221	212.4
26	140	131.7	45	237	227.6
27	145	136.8	48	252	242.7
28	150	141.8	50	262	252.8
29	155	146.8	55	287	278.1
30	161	151.9	60	312	303.3

- We supply chain sprocket with bore & keyway as per customer requirements.
- Material: C.I., M.S., SS 304, SS 316, or other as per requirement.
- Sprocket with hardening, bore grinding, blackening, Buffing, per as requirement.
- We also manufacture all sizes which are not provided in table above.
- Customer Drawings and Specifications are most preferable.
- Sprocket with taper lock, QD Bush, Split hub locking also manufactured.
- We manufacture sprocket in any large diameter, any no of groove.

Chain Sprocket : Pitch 1"



Sprocket will manufactured with Taper lock, QD Bush, Split Locking, Specific Bore with Keyway & Drill-tap., Bearing bore with circlip groove, Hardening & Grinding.

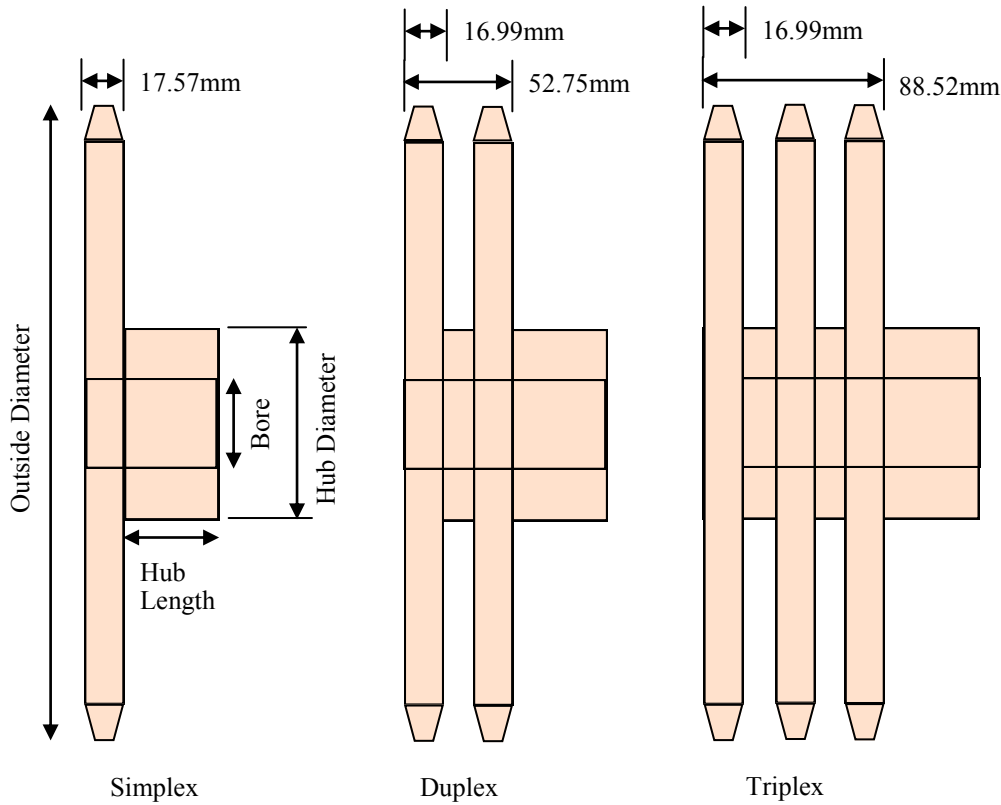
No. of Teeth	O.D.	P.C.D.	No. of Teeth	O.D.	P.C.D.
9	85	74.3	19	167	154.3
10	93	82.2	20	176	162.4
11	102	90.2	21	184	170.4
12	110	98.1	22	192	178.5
13	118	106.1	24	208	194.6
14	127	114.1	26	224	210.7
15	135	122.2	27	233	218.8
16	143	130.2	28	241	226.8
17	151	138.2	30	257	243.0
18	159	146.3	36	306	291.4

- We supply chain sprocket with bore & keyway as per customer requirements.
- Material: C.I., M.S., SS 304, SS 316, or other as per requirement.
- Sprocket with hardening, bore grinding, blackening, Buffing, per as requirement.
- We also manufacture all sizes which are not provided in table above.
- Customer Drawings and Specifications are most preferable.
- Sprocket with taper lock, QD Bush, Split hub locking also manufactured.
- We manufacture sprocket in any large diameter, any no of groove.

Chain Sprocket : Pitch 1x1/4"



Delivering Quality Since 1997



Sprocket will manufactured with Taper lock, QD Bush, Split Locking, Specific Bore with Key-way & Drill-tap., Bearing bore with circlip groove, Hardening & Grinding.

No. of Teeth	O.D.	P.C.D.	No. of Teeth	O.D.	P.C.D.
8	96	83	24	260	243.1
9	106	93.1	25	271	253.3
10	117	102.7	26	281	263.4
11	127	112.7	27	291	273.5
12	138	122.7	28	301	283.6
13	148	132.7	30	321	303.8
14	158	142.7	32	341	323.9
15	168	152.7	35	372	354.2
16	179	162.8	36	382	364.3
17	189	172.8	40	422	404.7
18	199	182.9	42	443	424.9
19	209	192.9	45	473	455.2
20	219	202.9	48	503	485.5
21	230	213.1	54	564	546.0
22	240	223.1	60	625	606.7
23	250	233.1	70	726	707.7

- We supply chain sprocket with bore & keyway as per customer requirements.
- Material: C.I., M.S., SS 304, SS 316, or other as per requirement.
- Sprocket with hardening, bore grinding, blackening, Buffing, per as requirement.
- We also manufacture all sizes which are not provided in table above.
- Customer Drawings and Specifications are most preferable.
- Sprocket with taper lock, QD Bush, Split hub locking also manufactured.
- We manufacture sprocket in any large diameter, any no of groove.

Taper Lock Bush



Taper bushes are designed to give the following:

1. Easy assembly.
2. Rapid dismantling of the pulley and other transmission equipment.
3. No special tool requirement except hexagonal allan key.

A large range of bores are available off the shelf which ensures that an immediate assembly can be made, thus avoiding costly factory down-time. The bushes are machined with standard keyways. This, in addition to clamping screws is sufficient to meet the required torque.

Part No.		Stock Bore Sizes	OD	L
1008	MM	12, 14, 15, 16, 18, 19, 20, 22, 24, 25	35.0	20.3
	INCH	3/8", 1/2", 5/8", 3/4", 7/8", 1"		
1108	MM	12, 14, 15, 16, 18, 19, 20, 22, 24, 25, 28	38.0	20.3
	INCH	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/8"		
1210	MM	12, 14, 15, 16, 18, 19, 20, 22, 24, 25, 26, 28, 30, 32	47.5	25.4
	INCH	1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4"		
1215	MM	12, 14, 16, 18, 19, 20, 22, 24, 25, 28, 30, 32	47.5	38.1
	INCH	1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4"		
1610	MM	12, 14, 15, 16, 18, 19, 20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	57.0	25.4
	INCH	1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8", 1 5/8"		
1615	MM	12, 14, 16, 18, 19, 20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	57.0	38.1
	INCH	1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 5/8"		
2012	MM	16, 19, 20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	70.0	31.8
	INCH	3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8", 2"		
*2017	MM	19, 20, 22, 24, 32, 48	70.0	44.4
	INCH	3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 5/16", 1 3/8"		
2517	MM	19, 20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50, 55, 60	85.5	44.5
	INCH	3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8", 2", 2 1/8", 2 1/4", 2 3/8", 2 1/2"		
*2525	MM	19, 20, 22, 28	85.6	63.5
	INCH	3/4", 7/8", 1", 1 1/8"		
3020	MM	32, 35, 38, 40, 42, 45, 48, 50, 55, 60, 65, 70, 75	108.0	50.8
	INCH	1 1/4", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8", 2", 2 1/8", 2 1/4", 2 3/8", 2 1/2", 2 5/8", 2 3/4", 2 7/8", 3"		
3030	MM	32, 38, 40, 42, 45, 48, 55, 65, 70	108.0	76.2
	INCH	1 1/4", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8", 2 1/8", 2 3/8", 2 5/8", 2 3/4", 3"		
3535	MM	35, 38, 40, 42, 45, 48, 50, 55, 60, 65, 70, 75, 80, 85, 90	127.0	88.9
	INCH	1 1/2", 1 5/8", 1 3/4", 1 7/8", 2", 2 1/8", 2 1/4", 2 3/8", 2 1/2", 2 5/8", 2 3/4", 2 7/8", 3", 3 1/8", 3 1/4", 3 3/8", 3 1/2"		
4040	MM	40, 55, 60, 65, 70, 75, 80, 85, 95, 100	146.0	101.6
	INCH	1 3/8", 1 3/4", 1 7/8", 2", 2 1/8", 2 1/4", 2 1/2", 2 5/8", 3 1/2", 4"		
4545	MM	60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110	162.0	114.3
	INCH	3", 3 1/8", 3 1/4", 3 3/8", 3 1/2", 3 3/4", 4 1/2"		
5050	MM	70, 95, 100, 110, 115, 120, 125	177.5	127.0

* Discontinued size, only limited bore sizes available.

OD = Outside Diameter

L = Length Through Bore

Example
2517

The first 2 digit of the part number are the maximum Bore size in inches.

The second 2 digits of the part number are the length Through bore in inches.

2 1/2"
Maximum bore

1 3/4"
Length through Bore



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Muratech Engineering Company

**MANUFACTURER OF MECHANICAL POWER
TRANSMISSION PRODUCTS**

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