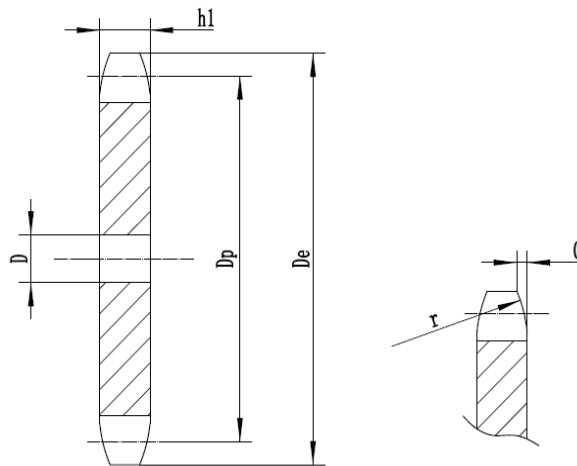


25-1 (6.35X3.18mm)

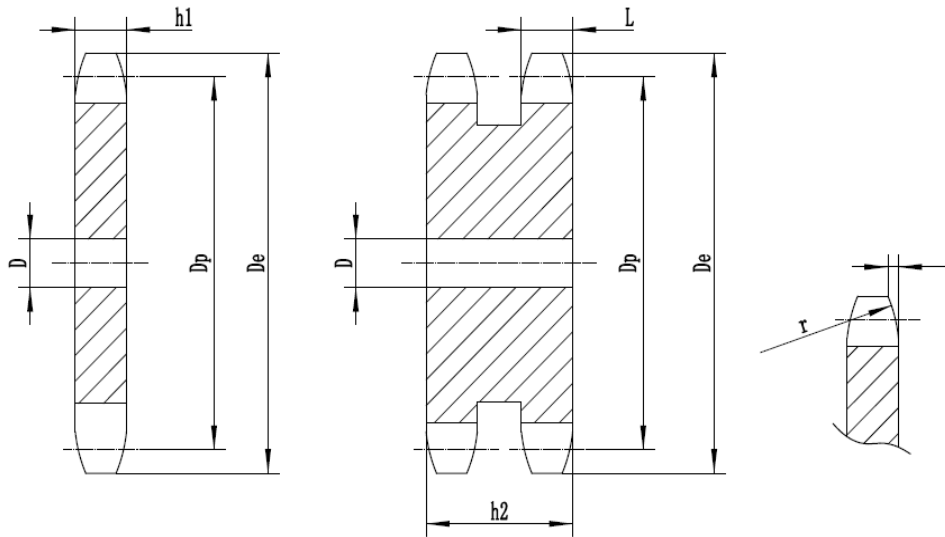


Pitch	6.35
Roller	3.3
r	6.4
C	0.7
h1	2.9

Z	De	Dp	Simplex	Z	De	Dp	Simplex
			D				D
			mm				mm
8	19.4	16.6	6.0	44.0	91.8	89.0	10
9	21.4	18.6	6.0	45.0	93.8	91.0	10
10	23.3	20.6	6.0	46.0	95.8	93.1	10
11	25.3	22.5	8.0	47.0	97.9	95.1	10
12	27.3	24.5	8.0	48.0	99.9	97.1	10
13	29.3	26.5	8.0	49.0	101.9	99.1	10
14	31.3	28.5	8.0	50.0	103.9	101.1	10
15	33.3	30.6	8.0	51.0	105.9	103.1	12

16	35.3	32.6	8.0	52.0	108.0	105.2	12
17	37.3	34.6	8.0	53.0	110.0	107.2	12
18	39.4	36.6	8.0	54.0	112.0	109.2	12
19	41.4	38.6	8.0	55.0	114.0	111.2	12
20	43.4	40.6	8.0	56.0	116.0	113.3	12
21	45.4	42.6	8.0	57.0	118.1	115.3	12
22	47.4	44.6	8.0	58.0	120.1	117.3	12
23	49.4	46.6	8.0	59.0	122.1	119.3	12
24	51.4	48.6	8.0	60.0	124.1	121.3	12
25	53.3	50.7	8.0	62.0	128.2	125.4	12
26	55.5	52.7	8.0	64.0	132.2	129.4	12
27	57.5	54.7	8.0	65.0	134.2	131.4	12
28	59.5	56.7	8.0	66.0	136.2	133.5	14
29	61.5	58.8	8.0	68.0	140.3	137.5	14
30	63.6	60.8	8.0	70.0	144.3	141.5	14
31	65.6	62.8	10.0	72.0	148.4	145.6	14
32	67.6	64.8	10.0	75.0	154.4	151.6	14
33	69.6	66.8	10.0	76.0	156.5	153.7	14
34	71.6	68.8	10.0	78.0	160.5	157.7	16
35	73.6	70.8	10.0	80.0	164.5	161.7	16
36	75.6	72.9	10.0	85.0	174.6	171.9	16
37	77.7	74.9	10.0	90.0	184.7	182.0	16
38	79.7	76.9	10.0	95.0	194.8	192.1	16
39	81.7	78.9	10.0	100.0	204.9	202.2	16
40	83.7	80.9	10.0	110.0	225.1	222.4	16
41	85.7	83.0	10.0	114.0	233.2	230.5	16
42	87.8	85.0	10.0	120.0	245.4	242.6	16
43	89.8	87.0	10.0	125.0	255.5	252.7	16

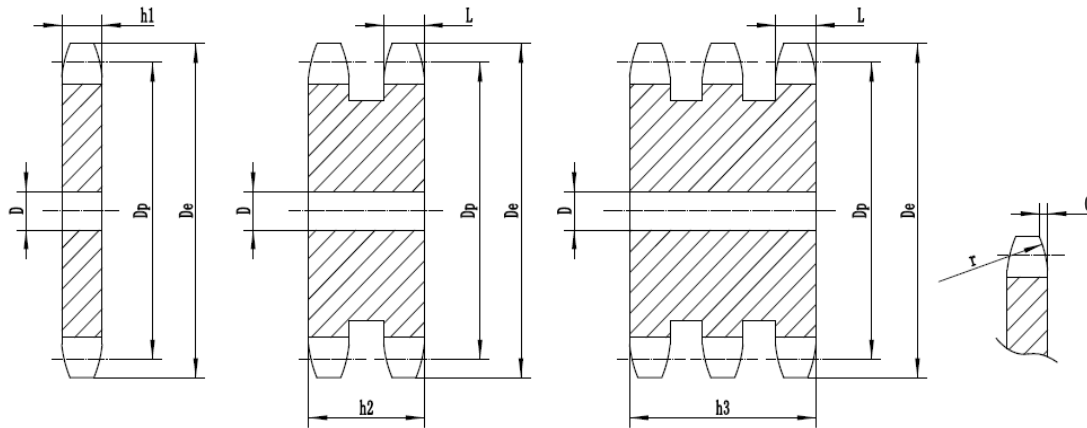
35-1-2 (9.525X4.77mm)



Pitch	9.525
Roller	5.08
r	10
C	1.2
h1	4.4
L	4.3
h2	14.4

Z	De	Dp	Simplex	Duplex	Z	De	Dp	Simplex	Duplex
			D	D				D	D
			mm	mm				mm	mm
30	96	91.12	/	12	45	141.43	136.55	16	16
32	102.06	97.17	12	/	48	150.52	145.64	16	/
36	114.17	109.29	12	/	57	177.79	172.91	16	16
38	120.22	115.34	12	14	76	235.37	230.49	20	20
40	126.28	121.4	12	/					

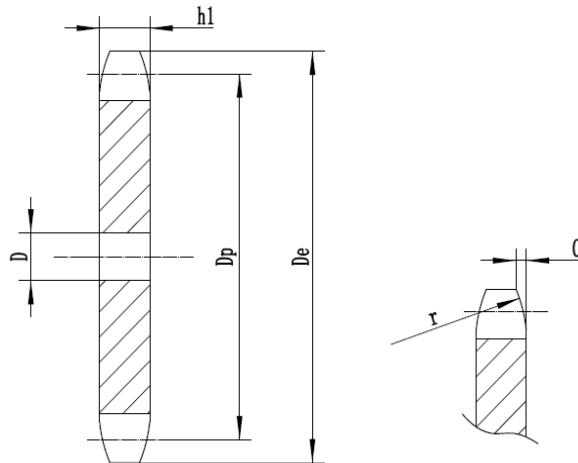
40-1-2-3 (12.7X7.94mm)



Pitch	12.7
Roller	7.94
r	13.5
C	1.6
h1	7.4
L	7.2
h2	21.6
h3	36

Z	De	Dp	Simple	Duplex	Triplex	Z	De	Dp	Simple	Duplex	Triplex			
			x						D	D	D	D	D	D
									mm	mm	mm	mm	mm	mm
30	128.06	121.5	/	/	20	45	188.62	182.06	20	20	25			
32	136.13	129.57	/	16	/	48	200.74	194.18	20	/	/			
38	160.35	153.79	/	20	25	57	237.1	230.54	20	25	25			
40	168.43	161.87	/	20	/	76	313.88	307.32	25	25	25			
42	176.5	169.94	20	/	/	95	390.67	384.11	/	25	/			

50-1 (15.875X9.52mm)

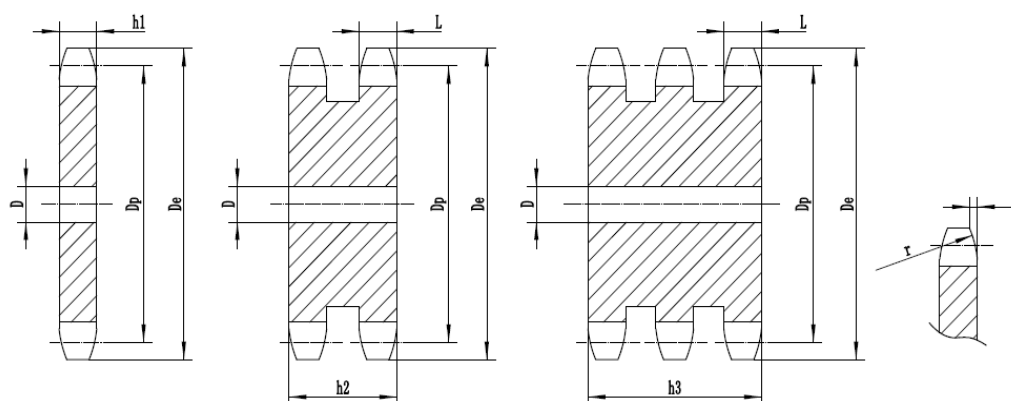


Pitch	15.875
Roller	10.16
r	17
C	2
h1	9

Z	De	Dp	Simplex	Z	De	Dp	Simplex
			D				D
			mm				mm
8	47	41.48	10	44	230	222.53	20
9	52.6	46.42	10	45	235	227.58	20
10	57.5	51.37	10	46	240.1	232.63	20
11	63	56.34	10	47	245.1	237.68	20
12	68	61.34	10	48	250.1	242.73	20
13	73	66.32	10	49	255.2	247.78	20
14	78	71.34	10	50	260.3	252.82	20
15	83	76.36	10	51	265.3	257.87	20

16	88	81.37	12	52	270.4	262.92	20
17	93	86.39	12	53	275.4	267.97	20
18	98.3	91.42	12	54	280.5	273.03	20
19	103.3	96.45	12	55	285.5	278.08	20
20	108.4	101.49	12	56	290.6	283.13	25
21	113.4	106.52	12	57	296	288.18	25
22	118	111.55	12	58	300.7	293.23	25
23	123.4	116.58	12	59	305.7	298.27	25
24	128.3	121.62	12	60	310.8	303.32	25
25	134	126.66	12	62	321.4	313.43	25
26	139	131.7	16	64	331.5	323.53	25
27	144	136.75	16	65	336.5	328.58	25
28	148.7	141.78	16	66	341.6	333.63	25
29	153.8	146.83	16	68	351.7	343.74	25
30	158.8	151.87	16	70	361.8	353.84	25
31	163.9	156.92	16	72	371.9	363.95	25
32	168.9	161.95	16	75	387.1	379.09	25
33	174.5	167	16	76	392.1	384.16	25
34	179	172.05	16	78	402.2	394.25	25
35	184.1	177.1	16	80	412.3	404.35	30
36	189.1	182.15	20	85	437.6	429.62	30
37	194.2	187.2	20	90	462.8	454.88	30
38	199.2	192.24	20	95	488.5	480.14	30
39	204.2	197.29	20	100	513.4	505.4	30
40	209.3	202.34	20	110	563.9	555.92	30
41	214.8	207.39	20	114	584.1	576.13	30
42	219.9	212.44	20	120	614.4	606.44	30
43	224.9	217.49	20	125	639.7	631.51	30

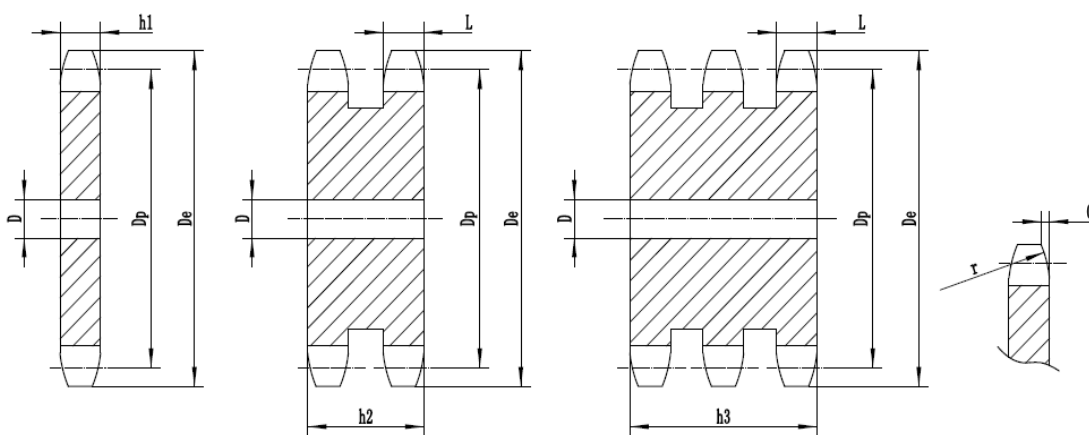
60-1-2-3 (19.05X12.7mm)



Pitch	19.05
Roller	11.91
r	20
C	2.4
h1	12
L	11.8
h2	34.6
h3	57.4

Z	De	Dp	Simplex	Duplex	Triplex	Z	De	Dp	Simplex	Duplex	Triplex
			D	D	D				D	D	D
			mm	mm	mm				mm	mm	mm
30	192.14	182.25	/	/	20	48	301.16	291.27	25	/	/
32	204.24	194.35	/	20	/	57	355.7	345.81	25	25	30
38	240.58	230.69	20	25	25	76	470.87	460.98	25	30	30
40	252.69	242.8	20	25	/	95	586.06	576.17	/	30	/
45	282.98	273.09	25	25	25						

80-1-2-3 (25.4X15.88mm)

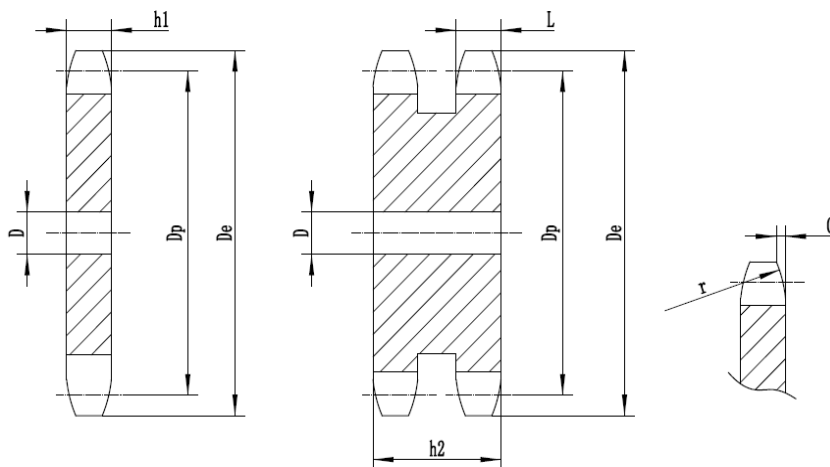


Pitch	25.4
Roller	15.88
r	27
C	3.2
h1	15
L	14.7
h2	44
h3	73.3

Z	De	Dp	Simplex	Duplex	Triplex	Z	De	Dp	Simplex	Duplex	Triplex
			D	D	D				D	D	D
			mm	mm	mm				mm	mm	mm
10	95.32	82.19	15	/	/	24	207.72	194.59	20	/	/
11	103.28	90.14	15	/	/	25	215.78	202.66	20	25	30
12	111.26	98.14	15	/	/	26	223.84	210.72	20	/	/
13	119.26	103.12	15	/	/	27	231.91	218.79	20	/	/
14	127.27	114.15	15	/	/	28	239.98	226.85	20	/	/
15	135.29	122.17	15	/	/	30	256.12	243	20	25	30
16	143.32	130.2	20	/	/	32	272.26	259.13	25	/	/

17	151.35	138.22	20	/	/	35	296.48	283.36	25	/	/
18	159.39	146.28	20	/	/	38	320.7	307.59	25	25	30
19	167.44	154.33	20	/	/	45	377.24	364.12	25	25	30
20	175.49	162.38	20	/	/	50	417.64	404.52	25	/	/
21	183.54	170.43	20	/	/	57	474.2	461.08	25	25	40
22	191.6	178.48	20	/	/	76	627.8	614.64	25	25	40
23	199.66	186.53	20	/	/						

100-1-2 (31.75X19.05mm)

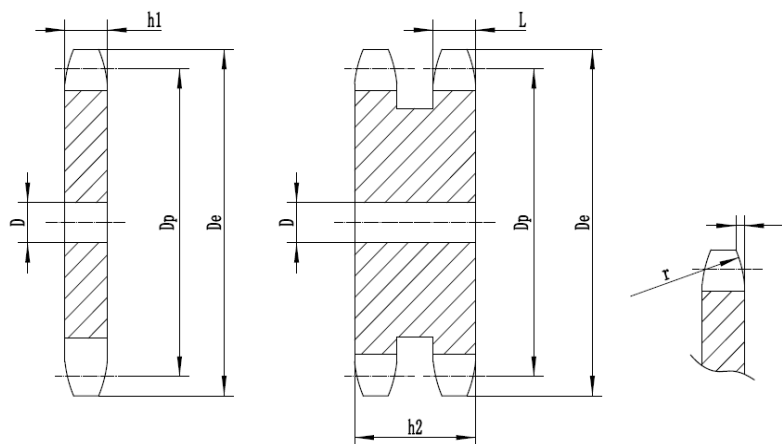


Pitch	31.75
Roller	19.05
r	33.5
C	4
h1	18
L	17.7
h2	53.5

Z	De	Dp	Simplex	Duplex	Z	De	Dp	Simplex	Duplex
			D	D				D	D
			mm	mm				mm	mm
8	98.1	82.96	16	/	26	278.6	263.4	25	/
9	108	92.86	16	/	27	288.6	273.4	25	/
10	117.9	102.74	16	/	28	298.7	283.56	25	/
11	127.8	112.68	16	/	29	308.8	293.65	25	/
12	137.8	122.68	20	/	30	218.9	303.75	25	25
13	147.8	132.65	20	/	31	329	313.85	25	/
14	157.8	142.68	20	/	32	339.1	323.91	25	/

15	167.9	152.72	20	/	33	349.2	334.01	25	/
16	177.9	162.75	25	/	34	359.3	344.1	25	/
17	187.9	172.78	25	/	35	369.4	354.2	25	/
18	198	182.85	25	/	36	379.5	364.3	25	/
19	208.1	192.91	25	/	37	389.5	374.39	25	/
20	218.1	202.98	25	25	38	399.6	384.49	25	30
21	228.2	213.04	25	/	39	409.7	394.59	25	/
22	238.3	223.11	25	/	40	419.8	404.68	25	/
23	248.3	233.17	25	/	45	470.3	455.17	30	30
24	258.4	243.23	25	/	57	591.5	576.36	30	30
25	268.5	253.33	25	25					

120-1-2 (38.1X25.4mm)



Pitch	38.1
Roller	22.22
r	40.5
C	4.8
h1	24.1
L	23.6
h2	69

Z	De	Dp	Simplex	Duplex	Z	De	Dp	Simplex	Duplex
			D	D				D	D
			mm	mm				mm	mm
16	214.77	195.29	25	/	30	383.97	364.49	25	30
17	226.83	207.35	25	25	32	408.19	388.71	30	/
18	238.89	219.41	25	25	38	480.85	461.37	30	30
20	263.03	243.55	25	25	45	565.67	546.19	30	40
22	287.2	267.72	25	/	57	711.1	691.62	30	40
25	323.47	303.99	25	25					