

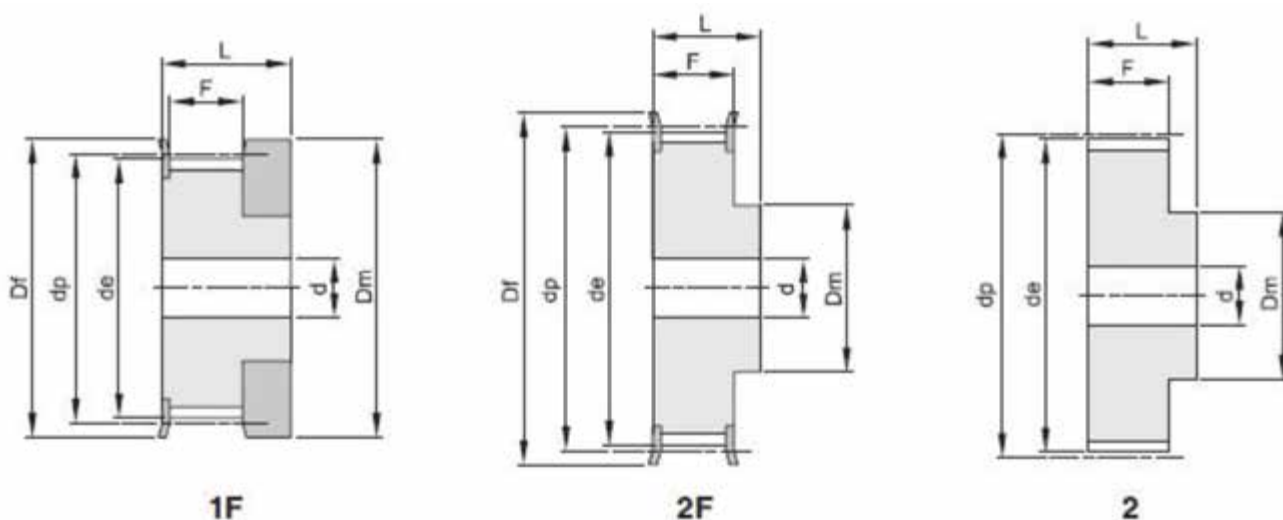
Pulleys



PULLEYS

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Finer Power Transmissions keep a range of 3M and 5M HTD timing pulleys in Pilot Bore.



3M HTD Timing Pulleys (Pilot Bore)

Part No.	Type	Material	Z	dp	de	Df	Dm	F	L	d	Flange	Approx KG
10-3M-9	1F	Al	10	9.55	8.79	13	12	10.2	17.5	-	100	0.01
10-3M-15	1F	Al	10	9.55	8.79	13	12	17	26	-	100	0.01
12-3M-9	1F	Al	12	11.46	10.7	15	15	10.2	17.5	-	101	0.01
12-3M-15	1F	Al	12	11.46	10.7	15	15	17	26	-	101	0.01
14-3M-9	1F	Al	14	13.37	12.61	16	16	10.2	17.5	-	102	0.01
14-3M-15	1F	Al	14	13.37	12.61	16	16	17	26	-	102	0.01
15-3M-9	1F	Al	15	14.32	13.56	18	17.5	10.2	17.5	-	104	0.01
15-3M-15	1F	Al	15	14.32	13.56	18	17.5	17	26	-	104	0.01
16-3M-9	2F	Al	16	15.28	14.52	18	10	12.8	20.6	4	104	0.01
16-3M-15	2F	Al	16	15.28	14.52	18	10	19.5	26	4	104	0.01
18-3M-9	2F	Al	18	17.19	16.43	19.5	11	12.8	20.6	6	105	0.01
18-3M-15	2F	Al	18	17.19	16.43	19.5	11	19.5	26	6	105	0.01
20-3M-9	2F	Al	20	19.1	18.34	23	13	12.8	20.6	6	107	0.01
20-3M-15	2F	Al	20	19.1	18.34	23	13	19.5	26	6	107	0.01
21-3M-9	2F	Al	21	20.05	19.29	25	14	12.8	20.6	6	108	0.01
21-3M-15	2F	Al	21	20.05	19.29	25	14	19.5	26	6	108	0.02
22-3M-9	2F	Al	22	21.01	20.25	25	14	12.8	20.6	6	108	0.01
22-3M-15	2F	Al	22	21.01	20.25	25	14	19.5	26	6	108	0.02
26-3M-9	2F	Al	26	24.83	24.07	32	16	12.8	20.6	6	109	0.02
26-3M-15	2F	Al	26	24.83	24.07	32	16	19.5	26	6	109	0.03
32-3M-9	2F	Al	32	30.56	29.8	36	22	12.8	20.6	6	111	0.03
32-3M-15	2F	Al	32	30.56	29.8	36	22	19.5	26	6	111	0.03

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3M HTD Timing Pulleys (Pilot Bore)

Part No.	Type	Material	Z	dp	de	Df	Dm	F	L	d	Flange	Approx KG
36-3M-9	2F	Al	36	34.38	33.62	38	26	13.4	22.2	6	112	0.05
36-3M-15	2F	Al	36	34.38	33.62	38	26	19.5	30	6	112	0.06
40-3M-9	2F	Al	40	38.2	37.44	42	28	13.4	22.2	6	113	0.06
40-3M-15	2F	Al	40	38.2	37.44	42	28	20	30	6	113	0.08
44-3M-9	2F	Al	44	42.02	41.26	48	33	13.4	22.2	6	114	0.07
44-3M-15	2F	Al	44	42.02	41.26	48	33	20	30	6	114	0.1
48-3M-9	2	Al	48	45.84	45.08	-	33	13.4	22.2	8	-	0.11
48-3M-15	2	Al	48	45.84	45.08	-	33	20	30	8	-	0.1
60-3M-9	2	Al	60	57.3	56.54	-	33	13.4	22.2	8	-	0.11
60-3M-15	2	Al	60	57.3	56.54	-	33	20	30	8	-	0.15
72-3M-9	2	Al	72	68.76	68.76	-	33	13.4	22.2	8	-	0.15
72-3M-15	2	Al	72	68.76	68.76	-	33	20	30	8	-	0.21

5M HTD Timing Pulleys (Pilot Bore)

Part No.	Type	Material	Z	dp	de	Df	Dm	F	L	d	Flange	Approx KG
12-5M-9PB	2F	St	12	19.1	17.96	23	12.5	14.5	20	6	202	0.03
12-5M-15PB	2F	St	12	19.1	17.96	23	12.5	20.5	26	6	202	0.03
12-5M-25PB	2F	St	12	19.1	17.96	23	12.5	30.5	36	6	202	0.05
14-5M-9PB	2F	St	14	22.28	21.14	25	13.5	14.5	20	6	203	0.04
14-5M-15PB	2F	St	14	22.28	21.14	25	13.5	20.5	26	6	203	0.04
14-5M-25PB	2F	St	14	22.28	21.14	25	13.5	30.5	36	6	203	0.08
15-5M-9PB	2F	St	15	23.87	22.73	28	16	14.5	20	6	204	0.05
15-5M-15PB	2F	St	15	23.87	22.73	28	16	20.5	26	6	204	0.05
15-5M-25PB	2F	St	15	23.87	22.73	28	16	30.5	36	6	204	0.09
16-5M-9PB	2F	St	16	25.46	24.32	28	16.5	14.5	20	6	204	0.06
16-5M-15PB	2F	St	16	25.46	24.32	28	16.5	20.5	26	6	204	0.06
16-5M-25PB	2F	St	16	25.46	24.32	28	16.5	30.5	36	6	204	0.11
18-5M-9PB	2F	St	18	28.65	27.51	32	20	14.5	20	6	205	0.07
18-5M-15PB	2F	St	18	28.65	27.51	32	20	20.5	26	6	205	0.09
18-5M-25PB	2F	St	18	28.65	27.51	32	20	30.5	36	6	205	0.13
20-5M-9PB	2F	St	20	31.83	30.69	36	23	14.5	22.5	6	206	0.1
20-5M-15PB	2F	St	20	31.83	30.69	36	23	20.5	26	6	206	0.12
20-5M-25PB	2F	St	20	31.83	30.69	36	23	30.5	38	6	206	0.17
21-5M-9PB	2F	St	21	33.42	32.28	38	24	14.5	22.5	6	207	0.12
21-5M-15PB	2F	St	21	33.42	32.28	38	24	20.5	26	6	207	0.14
21-5M-25PB	2F	St	21	33.42	32.28	38	24	30.5	38	6	207	0.2
22-5M-9PB	2F	St	22	35.01	33.87	38	25.5	14.5	22.5	6	207	0.13
22-5M-15PB	2F	St	22	35.01	33.87	38	25.5	20.5	26	6	207	0.15
22-5M-25PB	2F	St	22	35.01	33.87	38	25.5	30.5	38	6	207	0.22
24-5M-9PB	2F	St	24	38.2	37.06	42	27	14.5	22.5	6	208	0.15
24-5M-15PB	2F	St	24	38.2	37.06	42	27	20.5	26	6	208	0.19
24-5M-25PB	2F	St	24	38.2	37.06	42	27	30.5	38	6	208	0.26
26-5M-9PB	2F	St	26	41.38	40.24	44	30	14.5	22.5	6	209	0.18
26-5M-15PB	2F	St	26	41.38	40.24	44	30	20.5	28	6	209	0.23
26-5M-25PB	2F	St	26	41.38	40.24	44	30	30.5	38	6	209	0.32
28-5M-9PB	2F	St	28	44.56	43.42	48	30.5	14.5	22.5	6	210	0.21
28-5M-15PB	2F	St	28	44.56	43.42	48	30.5	20.5	28	6	210	0.26
28-5M-25PB	2F	St	28	44.56	43.42	48	30.5	30.5	38	6	210	0.37
30-5M-9PB	2F	St	30	47.75	46.6	51	35	14.5	22.5	6	211	0.25
30-5M-15PB	2F	St	30	47.75	46.6	51	35	20.5	28	6	211	0.32
30-5M-25PB	2F	St	30	47.75	46.6	51	35	30.5	38	6	211	0.44

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5M HTD Timing Pulleys (Pilot Bore)

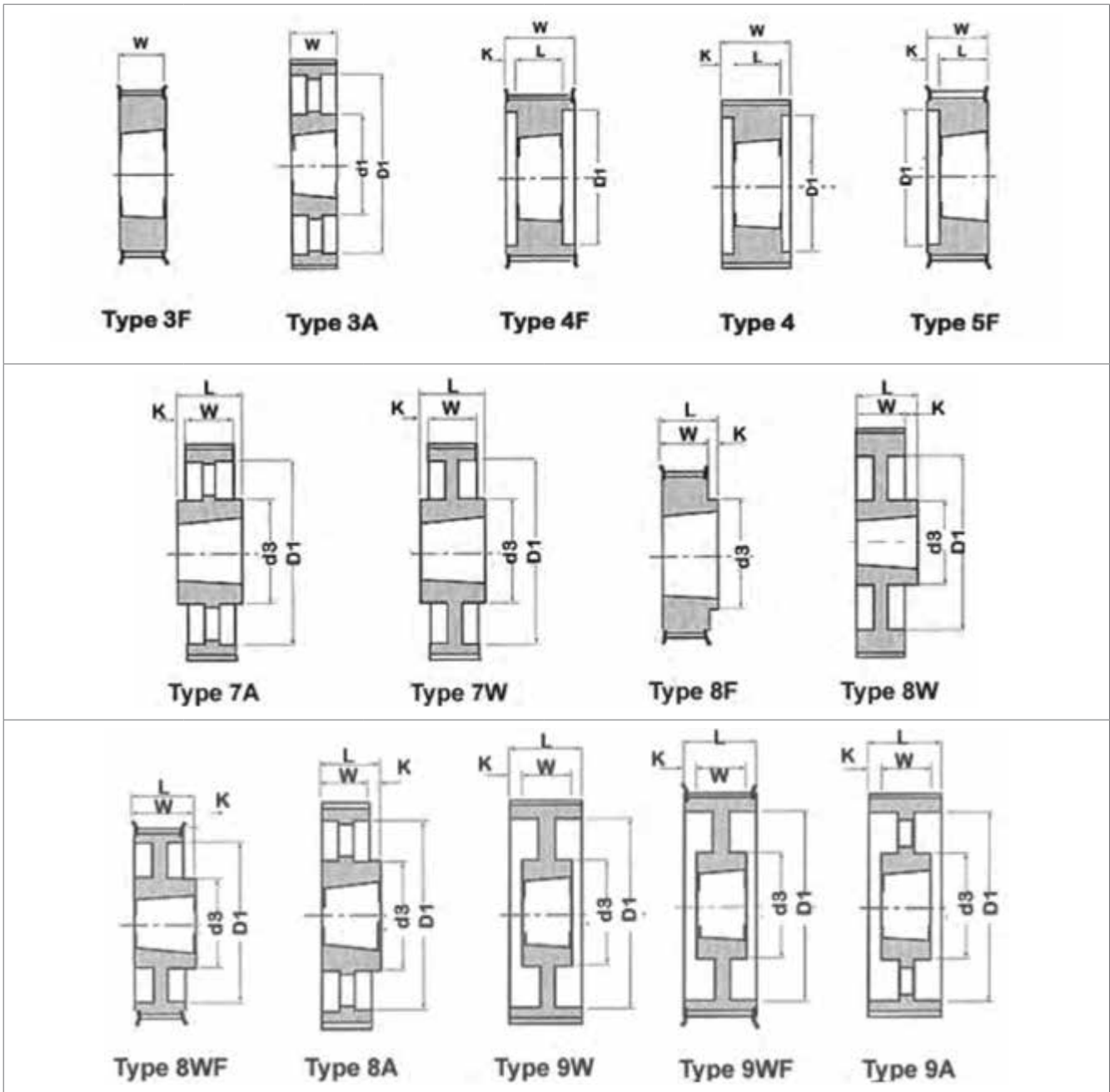
Part No.	Type	Material	Z	dp	de	Df	Dm	F	L	d	Flange	Approx KG
32-5M-9PB	2F	St	32	50.93	49.79	54	38	14.5	22.5	8	212	0.28
32-5M-15PB	2F	St	32	50.93	49.79	54	38	20.5	28	8	212	0.35
32-5M-25PB	2F	St	32	50.93	49.79	54	38	30.5	38	8	212	0.48
36-5M-9PB	2F	St	36	57.3	56.16	60	38	14.5	22.5	8	214	0.33
36-5M-15PB	2F	St	36	57.3	56.16	60	38	20.5	28	8	214	0.43
36-5M-25PB	2F	St	36	57.3	56.16	60	38	30.5	38	8	214	0.59
40-5M-9PB	2F	St	40	63.66	62.52	71	38	14.5	22.5	8	217	0.42
40-5M-15PB	2F	St	40	63.66	62.52	71	38	20.5	28	8	217	0.52
40-5M-25PB	2F	St	40	63.66	62.52	71	38	30.5	38	8	217	0.75
44-5M-9PB	2	Al	44	70.03	68.89	-	38	14.5	25.5	8	-	0.17
44-5M-15PB	2	Al	44	70.03	68.89	-	38	20.5	30	8	-	0.23
44-5M-25PB	2	Al	44	70.03	68.89	-	38	30.5	40	8	-	0.32
48-5M-9PB	2	Al	48	76.39	75.25	-	45	14.5	25.5	8	-	0.18
48-5M-15PB	2	Al	48	76.39	75.25	-	38	20.5	30	8	-	0.29
48-5M-25PB	2	Al	48	76.39	75.25	-	38	30.5	40	8	-	0.28
60-5M-9PB	2	Al	60	95.49	94.35	-	45	14.5	25.5	8	-	0.23
60-5M-15PB	2	Al	60	95.49	94.35	-	50	20.5	30	8	-	0.3
60-5M-25PB	2	Al	60	95.49	94.35	-	50	30.5	40	8	-	0.44
72-5M-9PB	2	Al	72	114.59	113.45	-	45	14.5	25.5	8	-	0.42
72-5M-15PB	2	Al	72	114.59	113.45	-	50	20.5	30	8	-	0.59
72-5M-25PB	2	Al	72	114.59	113.45	-	50	30.5	40	8	-	0.85

HTD Timing Pulley - Types

Finer Power Transmissions carries a large range of Taper Locked HTD Timing Pulleys in 8M and 14M pitch.

Timing Pulley Nomenclature

38	8M	50
Teeth	Pitch	Width



8M HTD Timing Pulleys (Taper Lock)

Size	Z	Mat	Bush	Outside Dia.	Hub Dia.	W	d3	Max. Bore
22-8M-20	22	GG	1008/1108	54.65	60.0	28.0	-	25
22-8M-30	22	GG	1008/1108	54.65	60.0	38.0	-	25
24-8M-20	24	GG	1108	59.75	66.0	28.0	-	28
24-8M-30	24	GG	1108	59.75	66.0	38.0	-	28
26-8M-20	26	GG	1108	64.84	71.0	28.0	-	28
26-8M-30	26	GG	1108	64.84	71.0	38.0	-	28
28-8M-20	28	GG	1108	70.08	75.0	28.0	-	28
28-8M-30	28	GG	1210	70.08	75.0	38.0	-	35
28-8M-50	28	GG	1210	70.08	75.0	60.0	-	35
30-8M-20	30	GG	1108	75.13	83.0	28.0	-	28
30-8M-30	30	GG	1615	75.13	83.0	38.0	-	42
30-8M-50	30	GG	1615	75.13	83.0	60.0	-	42
32-8M-20	32	GG	1610	80.16	87.0	28.0	-	42
32-8M-30	32	GG	1615	80.16	87.0	38.0	-	42
32-8M-50	32	GG	1615	80.16	87.0	60.0	-	42
32-8M-85	32	GG	1615	80.16	87.0	95.0	-	42
34-8M-20	34	GG	1610	85.22	91.0	28.0	-	42
34-8M-30	34	GG	1610	85.22	91.0	38.0	-	42
34-8M-50	34	GG	1615	85.22	91.0	60.0	-	42
34-8M-85	34	GG	1615	85.22	91.0	95.0	-	42
36-8M-20	36	GG	1610	90.30	98.5	28.0	-	42
36-8M-30	36	GG	1615	90.30	98.5	38.0	-	42
36-8M-50	36	GG	1615	95.39	103.0	60.0	-	42
36-8M-85	36	GG	1615	90.35	98.5	95.0	-	42
38-8M-20	38	GG	1610	95.39	103.0	28.0	-	42
38-8M-30	38	GG	1615	95.39	103.0	38.0	-	42
38-8M-50	38	GG	1615	95.39	103.0	60.0	-	42
38-8M-85	38	GG	1615	95.39	103.0	95.0	-	42
40-8M-20	40	GG	1610	100.49	106.0	28.0	-	42
40-8M-30	40	GG	1615	100.49	106.0	38.0	-	42
40-8M-50	40	GG	2012	100.49	106.0	60.0	-	50
40-8M-85	40	GG	2012	100.49	106.0	95.0	-	50
44-8M-20	44	GG	2012	110.67	119.0	28.0	-	50
44-8M-30	44	GG	2012	110.67	119.0	38.0	-	50
44-8M-50	44	GG	2012	110.67	119.0	60.0	-	50
44-8M-85	44	GG	2012	110.67	119.0	95.9	-	50
48-8M-20	48	GG	2012	120.86	127.0	28.0	96	50
48-8M-30	48	GG	2012	120.86	127.0	38.0	-	50
48-8M-50	48	GG	2012	120.86	127.0	60.0	-	50
48-8M-85	48	GG	2517	120.86	127.0	95.0	-	60
56-8M-20	56	GG	2012	141.23	148.0	28.0	110	50
56-8M-30	56	GG	2012	141.23	148.0	38.0	-	50
56-8M-50	56	GG	2517	141.23	148.0	60.0	-	60
56-8M-85	56	GG	2517	120.86	127.0	95.0	-	60
64-8M-20	64	GG	2012	161.60	168.0	28.0	110	50
64-8M-30	64	GG	2517	161.60	168.0	38.0	125	60
64-8M-50	64	GG	2517	161.60	168.0	60.0	-	60
64-8M-85	64	GG	2517	161.60	168.0	95.0	-	60
72-8M-20	72	GG	2012	181.97	192.0	28.0	110	50
72-8M-30	72	GG	2517	181.97	192.0	38.0	125	60
72-8M-50	72	GG	2517	181.97	192.0	60.0	125	60
72-8M-85	72	GG	3020	181.97	192.0	95.0	-	75

Table continue next page.

8M HTD Timing Pulleys (Taper Lock)

Size	Z	Mat	Bush	Outside Dia.	Hub Dia.	W	d3	Max. Bore
80-8M-20	80	GG	2012	202.35	-	28.0	110	50
80-8M-30	80	GG	2517	202.35	-	38.0	125	60
80-8M-50	80	GG	3020	202.35	-	60.0	-	75
80-8M-85	80	GG	3020	202.35	-	95.0	-	75
90-8M-20	90	GG	2012	227.81	-	28.0	110	50
90-8M-30	90	GG	2517	227.81	-	38.0	125	60
90-8M-50	90	GG	3020	227.81	-	60.0	170	75
90-8M-85	90	GG	3020	227.81	-	95.0	170	75
112-8M-30	112	GG	2517	283.83	-	38.0	125	60
112-8M-50	112	GG	3020	283.83	-	60.0	170	75
112-8M-85	112	GG	3020	283.83	-	95.0	170	75
144-8M-30	144	GG	2517	365.32	-	38.0	125	60
144-8M-50	144	GG	3020	365.32	-	60.0	170	75
144-8M-85	144	GG	3525	365.32	-	95.0	190	90
168-8M-50	168	GG	3020	426.44	-	60.0	190	90
168-8M-85	168	GG	3525	426.44	-	95.0	190	90
192-8M-50	192	GG	3525	487.55	-	60.0	190	90
192-8M-85	192	GG	3525	487.55	-	95.0	190	90

14M HTD Timing Pulleys (Taper Lock)

Size	Z	Mat	Bush	Outside Dia.	Hub Dia.	W	d3	Max. Bore
28-14M-40	28	GG	2012	122.12	127	54	-	50
28-14M-55	28	GG	2012	122.12	127	70	-	50
28-14M-85	28	GG	2517	122.12	127	102	-	60
28-14M-115	28	GG	2517	122.12	127	133	-	60
29-14M-40	29	GG	2012	126.57	138	54	-	50
29-14M-55	29	GG	2012	126.57	138	70	-	50
29-14M-85	29	GG	2517	126.57	138	102	-	60
29-14M-115	29	GG	2517	126.57	138	133	-	60
30-14M-40	30	GG	2012	130.99	138	54	-	50
30-14M-55	30	GG	2517	130.99	138	70	-	60
30-14M-85	30	GG	2517	130.99	138	102	-	60
30-14M-115	30	GG	2517	130.99	138	133	-	60
32-14M-40	32	GG	2012	139.88	154	54	-	50
32-14M-55	32	GG	2517	139.88	154	70	-	60
32-14M-85	32	GG	2517	139.88	154	102	-	60
32-14M-115	32	GG	2517	139.88	154	133	-	60
34-14M-40	34	GG	2517	148.79	160	54	-	60
34-14M-55	34	GG	2517	146.79	160	70	-	60
34-14M-85	34	GG	2517	146.79	160	102	-	60
34-14M-115	34	GG	2517	146.79	160	133	-	60
36-14M-40	36	GG	2517	157.68	168	54	-	60
36-14M-55	36	GG	2517	157.68	168	70	-	60
36-14M-85	36	GG	3020	157.68	168	102	-	75
36-14M-115	36	GG	3020	157.68	168	133	-	75
38-14M-40	38	GG	2517	166.6	183	54	-	60
38-14M-55	38	GG	2517	166.6	183	70	-	60
38-14M-85	38	GG	3020	166.6	183	102	-	75
38-14M-115	38	GG	3020	166.6	183	133	-	75
40-14M-40	40	GG	2517	175.49	188	54	-	60
40-14M-55	40	GG	2517	175.49	188	70	-	60
40-14M-85	40	GG	3020	175.49	188	102	-	75
40-14M-115	40	GG	3020	175.49	188	133	-	75
44-14M-40	44	GG	3020	193.28	211	54	-	75
44-14M-55	44	GG	3020	293.28	211	70	-	75
44-14M-85	44	GG	3030	293.28	211	102	-	75
44-14M-115	44	GG	3030	293.28	211	133	-	75
48-14M-40	48	GG	3020	211.11	226	54	-	75
48-14M-55	48	GG	3020	211.11	226	70	-	75
48-14M-85	48	GG	3030	211.11	226	102	-	75
48-14M-115	48	GG	3030	211.11	226	133	-	75
56-14M-40	56	GG	3020	246.76	256	54	170	75
56-14M-55	56	GG	3020	246.76	256	70	170	75
56-14M-85	56	GG	3535	246.76	256	102	190	90
56-14M-115	56	GG	3535	246.76	256	133	-	90
64-14M-40	64	GG	3020	282.41	296	54	170	75
64-14M-55	64	GG	3020	282.41	296	70	170	75
64-14M-85	64	GG	3525	282.41	296	102	190	90
64-14M-115	64	GG	3535	282.41	296	133	190	90
72-14M-40	72	GG	3020	318.06	-	54	170	75
72-14M-55	72	GG	3020	318.06	-	70	170	75
72-14M-85	72	GG	3535	318.06	-	102	190	90
72-14M-115	72	GG	3535	318.06	-	133	190	90
80-14M-40	80	GG	3535	353.71	-	133	190	90
80-14M-55	80	GG	3020	353.71	-	70	170	75
80-14M-85	80	GG	3525	353.71	-	102	190	90
80-14M-115	80	GG	3535	353.71	-	133	190	90

Table continue next page.

14M HTD Timing Pulleys (Taper Lock)

Size	Z	Mat	Bush	Outside Dia.	Hub Dia.	W	d3	Max. Bore
90-14M-40	90	GG	3020	398.28	-	54	170	75
90-14M-55	90	GG	3020	398.28	-	70	170	75
90-14M-85	90	GG	3525	398.28	-	89	190	90
90-14M-115	90	GG	3535	398.28	-	133	190	90
112-14M-40	112	GG	3020	496.32	-	54	170	75
112-14M-55	112	GG	3020	496.32	-	70	170	75
112-14M-85	112	GG	3525	496.32	-	70	170	75
112-14M-115	112	GG	3535	496.32	-	133	190	90
144-14M-40	144	GG	3020	638.92	-	54	170	75
144-14M-55	144	GG	3020	638.92	-	70	170	75
144-14M-85	144	GG	3535	638.92	-	102	190	90
144-14M-115	144	GG	4040	638.92	-	133	230	100
168-14M-40	168	GG	3020	745.87	-	54	170	75
168-14M-55	168	GG	3020	745.87	-	70	170	75
168-14M-85	168	GG	3525	745.87	-	89	190	90
168-14M-115	168	GG	4040	745.87	-	133	230	100
192-14M-40	192	GG	3020	852.82	-	54	170	75
192-14M-55	192	GG	3020	852.82	-	70	170	75
192-14M-85	192	GG	4040	852.82	-	102	230	100
192-14M-115	192	GG	4040	852.82	-	133	230	100
216-14M-40	216	GG	3020	959.76	-	54	170	75
216-14M-55	216	GG	3535	959.76	-	-	-	-
216-14M-85	216	GG	4040	959.76	-	102	230	100
216-14M-115	216	GG	4040	959.76	-	133	230	100

T5 & T10 Timing Pulleys

Size	No. Teeth	To Suit Belt (mm)	Size	No. Teeth	To Suit Belt	Size	No. Teeth	To Suit Belt (mm)
21-T5-10PB	10	10	36-T5-14PB	14	25	40-T10-20PB	20	25
21-T5-12PB	12	10	36-T5-15PB	15	25	40-T10-22PB	22	25
21-T5-14PB	14	10	36-T5-16PB	16	25	40-T10-24PB	24	25
21-T5-15PB	15	10	36-T5-18PB	18	25	40-T10-25PB	25	25
21-T5-16PB	16	10	36-T5-19PB	19	25	40-T10-26PB	26	25
21-T5-18PB	18	10	36-T5-20PB	20	25	40-T10-27PB	27	25
21-T5-19PB	19	10	36-T5-22PB	22	25	40-T10-28PB	28	25
21-T5-20PB	20	10	36-T5-24PB	24	25	40-T10-30PB	30	25
21-T5-22PB	22	10	36-T5-25PB	25	25	40-T10-32PB	32	25
21-T5-24PB	24	10	36-T5-26PB	26	25	40-T10-36PB	36	25
21-T5-25PB	25	10	36-T5-27PB	27	25	40-T10-40PB	40	25
21-T5-26PB	26	10	36-T5-28PB	28	25	40-T10-44PB	44	25
21-T5-27PB	27	10	36-T5-30PB	30	25	40-T10-48PB	48	25
21-T5-28PB	28	10	36-T5-32PB	32	25	40-T10-60PB	60	25
21-T5-30PB	30	10	36-T5-36PB	36	25	47-T10-18PB	18	32
21-T5-32PB	32	10	36-T5-40PB	40	25	47-T10-19PB	19	32
21-T5-36PB	36	10	36-T5-42PB	42	25	47-T10-20PB	20	32
21-T5-40PB	40	10	36-T5-44PB	44	25	47-T10-22PB	22	32
21-T5-42PB	42	10	36-T5-48PB	48	25	47-T10-24PB	24	32
21-T5-44PB	44	10	36-T5-60PB	60	25	47-T10-25PB	25	32
21-T5-48PB	48	10	31-T10-12PB	12	16	47-T10-26PB	26	32
21-T5-60PB	60	10	31-T10-14PB	14	16	47-T10-27PB	27	32
27-T5-10PB	10	16	31-T10-15PB	15	16	47-T10-28PB	28	32
27-T5-12PB	12	16	31-T10-16PB	16	16	47-T10-30PB	30	32
27-T5-14PB	14	16	31-T10-18PB	18	16	47-T10-32PB	32	32
27-T5-15PB	15	16	31-T10-19PB	19	16	47-T10-36PB	36	32
27-T5-16PB	16	16	31-T10-20PB	20	16	47-T10-40PB	40	32
27-T5-18PB	18	16	31-T10-22PB	22	16	47-T10-44PB	44	32
27-T5-19PB	19	16	31-T10-24PB	24	16	47-T10-48PB	48	32
27-T5-20PB	20	16	31-T10-25PB	25	16	47-T10-60PB	60	32
27-T5-22PB	22	16	31-T10-26PB	26	16	66-T10-18PB	18	50
27-T5-24PB	24	16	31-T10-27PB	27	16	66-T10-19PB	19	50
27-T5-25PB	25	16	31-T10-28PB	28	16	66-T10-20PB	20	50
27-T5-26PB	26	16	31-T10-30PB	30	16	66-T10-22PB	22	50
27-T5-27PB	27	16	31-T10-32PB	32	16	66-T10-24PB	24	50
27-T5-28PB	28	16	31-T10-36PB	36	16	66-T10-25PB	25	50
27-T5-30PB	30	16	31-T10-40PB	40	16	66-T10-26PB	26	50
27-T5-32PB	32	16	31-T10-44PB	44	16	66-T10-27PB	27	50
27-T5-36PB	36	16	31-T10-48PB	48	16	66-T10-28PB	28	50
27-T5-40PB	40	16	31-T10-60PB	60	16	66-T10-30PB	30	50
27-T5-42PB	42	16	40-T10-12PB	12	25	66-T10-32PB	32	50
27-T5-44PB	44	16	40-T10-14PB	14	25	66-T10-36PB	36	50
27-T5-48PB	48	16	40-T10-15PB	15	25	66-T10-40PB	40	50
27-T5-60PB	60	16	40-T10-16PB	16	25	66-T10-44PB	44	50
36-T5-10PB	10	25	40-T10-18PB	18	25	66-T10-48PB	48	50
36-T5-12PB	12	25	40-T10-19PB	19	25	66-T10-60PB	60	50

Constructed from cast iron, this range of Mi-Lock pulleys can handle both A and B section belts (NB. Pitch circle sizing is based on PCD of A section). Mi-Lock pulleys can be put together to make multi-groove pulleys of varying sections and sizes which allow you to reduce your total inventory.

MI-LOCK V-PULLEYS

Finer Part	Pulley Size Pitch A	Pulley Size Pitch B	Outside Diameter	Mass Kg	Suitable Bush & Size
71MM-MI-LOCK	71MM	81MM	88MM	0.42	No 1
75MM-MI-LOCK	75MM	85MM	92MM	0.47	No 1
80MM-MI-LOCK	80MM	90MM	97MM	0.53	No 1
85MM-MI-LOCK	85MM	95MM	102MM	0.62	No 1
90MM-MI-LOCK	90MM	100MM	107MM	0.72	No 1
95MM-MI-LOCK	95MM	105MM	111MM	0.80	No 1
100MM-MI-LOCK	100MM	110MM	117MM	0.91	No 1
106MM-MI-LOCK	106MM	116MM	123MM	1.02	No 1
112MM-MI-LOCK	112MM	122MM	129MM	0.98	No 1
118MM-MI-LOCK	118MM	128MM	135MM	1.05	No 1
125MM-MI-LOCK	125MM	135MM	142MM	1.17	No 1
132MM-MI-LOCK	132MM	142MM	149MM	1.28	No 1
140MM-MI-LOCK	140MM	150MM	157MM	1.49	No 2
150MM-MI-LOCK	150MM	160MM	167MM	1.61	No 2
160MM-MI-LOCK	160MM	170MM	177MM	1.75	No 2
180MM-MI-LOCK	180MM	190MM	197MM	2.03	No 2
200MM-MI-LOCK	200MM	209MM	216MM	2.38	No 2
224MM-MI-LOCK	224MM	233MM	240MM	3.34	No 2
250MM-MI-LOCK	250MM	259MM	266MM	4.22	No 2
280MM-MI-LOCK	280MM	289MM	296MM	4.34	No 2
315MM-MI-LOCK	315MM	324MM	331MM	4.45	No 2
355MM-MI-LOCK	355MM	364MM	371MM	4.94	No 2
400MM-MI-LOCK	400MM	409MM	416MM	7.51	No 2
450MM-MI-LOCK	450MM	459MM	466MM	9.05	No 2

MI-LOCK No 1 Bushes

Bore Size	
Metric	Imperial
10mm	3/8"
12mm	7/16"
14mm	1/2"
15mm	9/16"
16mm	5/8"
18mm	11/16"
19mm	3/4"
20mm	13/16"
22mm	7/8"
24mm	15/16"
25mm	1"
28mm	1-1/16"
	1-1/8"

MI-LOCK No 2 Bushes

Bore Size			
Metric		Imperial	
16mm	32mm	1/2"	1-1/8"
18mm	35mm	9/16"	1-1/16"
19mm	38mm	5/8"	1-3/16"
20mm	40mm	11/16"	1-1/4"
22mm	42mm	3/4"	1-5/16"
24mm		13/16"	1-3/8"
25mm		7/8"	1-7/16"
28mm		15/16"	1-1/2"
30mm		1"	1-9/16"

Also stocked: No 1 Long Bolt to Suit Twin Pulley, No 1 Bush Retainer Kit, No 2 Long Bolt to Suit Twin Pulley, No 2 Bush Retainer Kit.

V-Pulley Selection

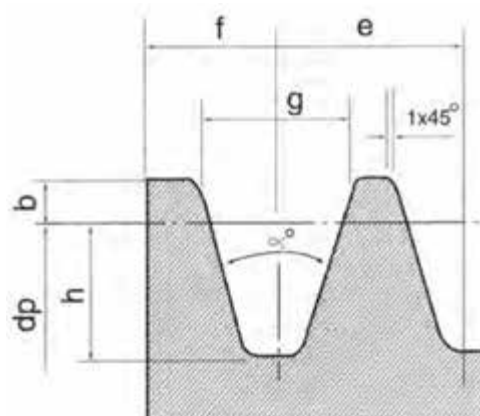
Finer stocks a range of quality V-Belt Pulleys. Constructed from cast iron, each pulley is Taper Locked to accommodate a range of shaft sizes.

Finer pulleys undergo stringent balancing tests to ensure each pulley functions efficiently. The pulleys are finished in a black coating that acts as a primer to help protect the pulleys from environmental factors.

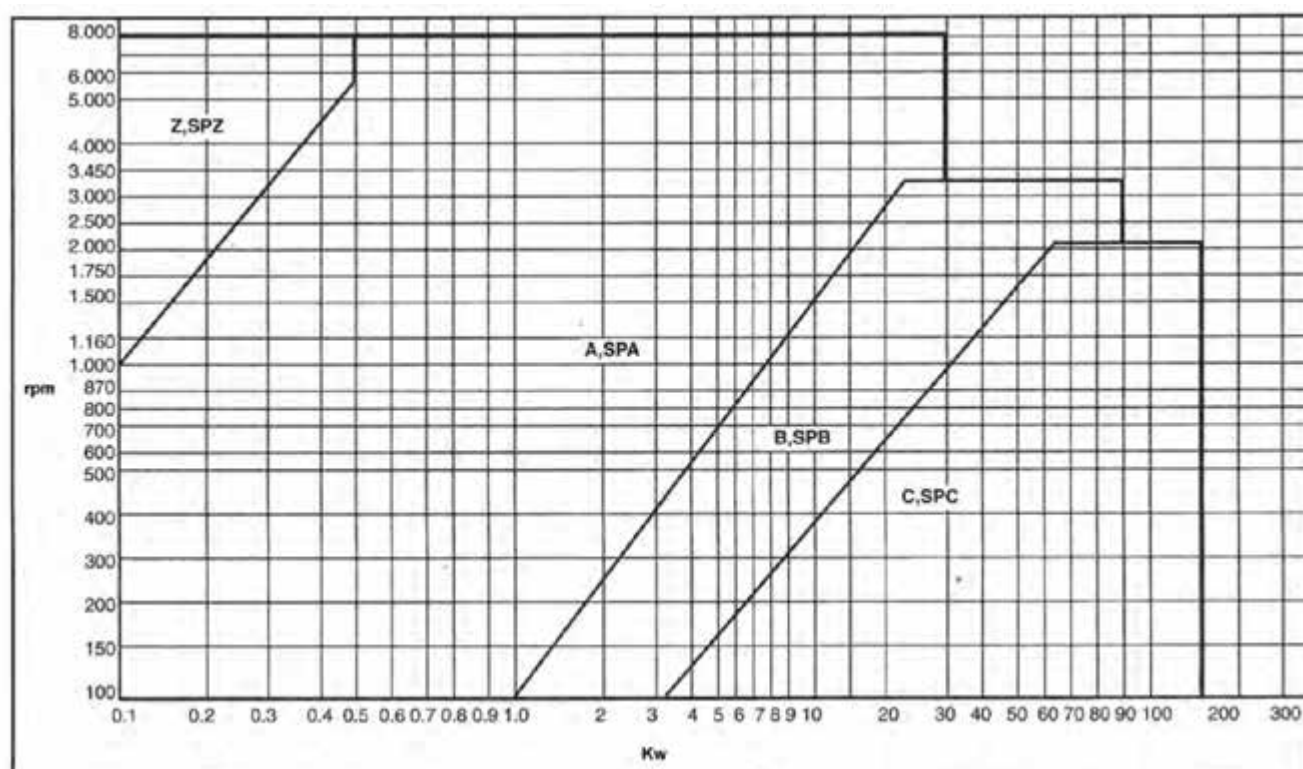
Finer Power Transmissions carry a range of Taper Lock V-Belt Pulleys in: SPZ, SPA, SPB and SPC.

Groove Dimensions

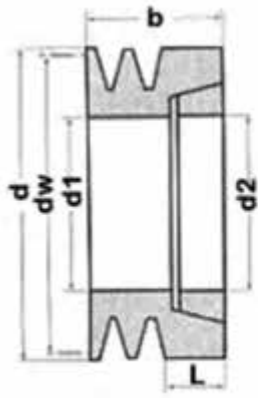
Size	dp	α	f	e	g	h	b
SPZ	<80	34	8	12	9.7	9	2
	>80	38			9.9		
SPA	<118	34	10	15	12.7	11	2.75
	>118	38			12.9		
SPB	<190	34	12.5	19	16.1	14	3.5
	>190	38			16.4		
SPC	<315	34	17	25.5	21.9	19	4.8
	>315	38			22.3		



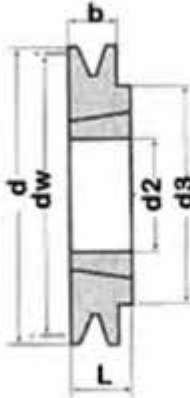
V-Belt Pulley Selection Table



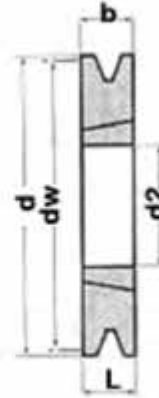
V-Belt Pulley



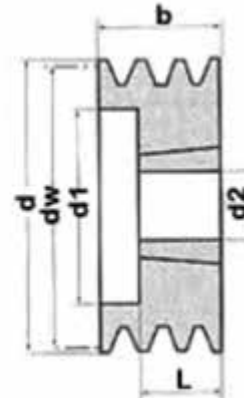
Type 1



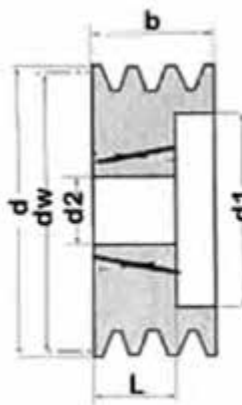
Type 2



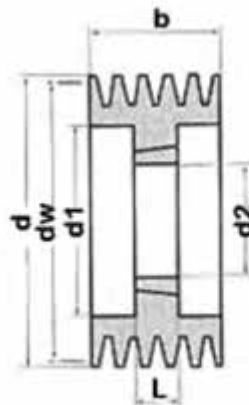
Type 3



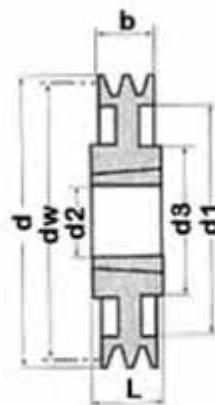
Type 4



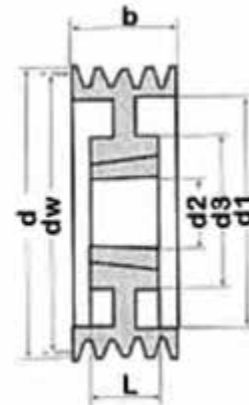
Type 5



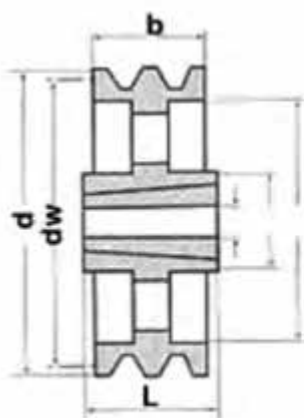
Type 6



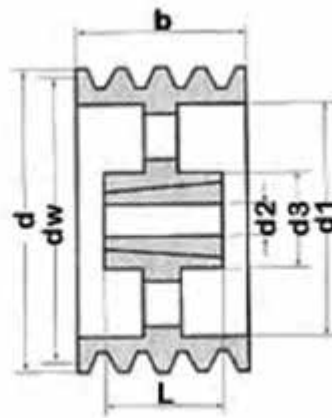
Type 7



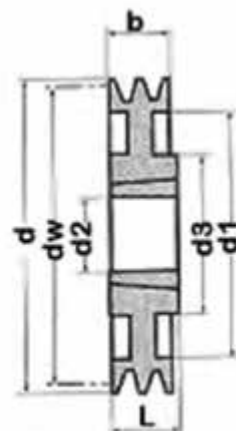
Type 8



Type 9



Type 10



Type 11

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
63	1	1008/1108	25/28	20	69	0.6
	2	1008/1108	25/28	35	69	0.8
67	1	1108	28	20	73	0.4
	2	1108	28	35	73	0.6
71	1	1108	28	20	79	0.4
	2	1108	28	35	79	0.6
	3	1108	28	50	79	0.8
	4	1210	28	65	79	1.0
75	1	1108	28	20	80.6	0.5
	2	1108	28	35	80.6	0.7
	3	1210	28	50	80.6	0.9
80	1	1210	32	20	85.6	0.5
	2	1108/1210	28/32	35	85.6	0.75
	3	1210	32	50	85.6	0.95
85	1	1210	32	20	90.6	0.6
	2	1210	32	35	90.6	0.8
	3	1210	32	50	90.6	1.00
90	1	1210	32	20	95.6	0.7
	2	1610	42	35	95.6	0.8
	3	1610	42	50	95.6	1.05
	4	1615	42	65	95.6	1.35
95	1	1210	32	20	100.6	0.8
	2	1610	42	35	100.6	1
	3	1610	42	50	100.6	1.2
	4	1615	42	65	100.6	1.5
100	1	1610	42	20	105.6	0.85
	2	1610	42	35	105.6	1
	3	1610	42	50	105.6	1.40
	4	1610/1615	42	65	105.6	1.8
	5	1615	42	80	105.6	2.2
	6	1610/1615	42	95	105.6	2.35
106	1	1610	42	20	111.6	1
	2	1610	42	35	111.6	1.3
	3	1610	42	50	111.6	1.5
	4	2012	50	65	111.6	1.7
	5	2012	50	80	111.6	2.10
	6	2012	50	95	111.6	2.4
112	1	1610	42	20	117.6	1.05
	2	1610	42	35	117.6	1.35
	3	2012	50	50	117.6	1.8
	4	2012	50	65	117.6	2
	5	2012	50	80	117.6	2.5
	6	2012	50	95	117.6	2.7
118	1	1610	42	2	123.6	1.2
	2	1610	42	4	123.6	1.6
	3	2012	50	5	123.6	1.85
	4	2012	50	5	123.6	2.2
	5	2012	50	5	123.6	2.7
	6	2012	50	4	123.6	3

SPA V-Pulleys (Taper Lock)

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
125	1	1610	42	20	130.6	1.35
	2	1610	42	35	130.6	1.85
	3	2012	50	50	130.6	2.25
	4	2012	50	65	130.6	2.7
	5	2012	50	80	130.6	3.1
	6	2012	50	95	130.6	3.5
132	1	1610	42	20	137.6	1.6
	2	2012	50	35	137.6	2.1
	3	2012	50	50	137.6	2.55
	4	2517	65	65	137.6	2.8
	5	2517	65	80	137.6	3.3
	6	2517	65	95	137.6	3.8
140	1	1610	42	20	145.6	1.8
	2	2012	50	35	145.6	2.5
	3	2517	65	50	145.6	2.8
	4	2517	65	65	145.6	3.8
	5	2517	65	80	145.6	4
	6	2517	65	95	145.6	4.65
150	1	1610	42	20	155.6	2.2
	2	2012	50	35	155.6	3
	3	2517	65	50	155.6	3.55
	4	2517	65	65	155.6	4.1
	5	2517	65	80	155.6	4.9
	6	2517	65	95	155.6	5.2
160	1	1610	42	20	165.6	1.85
	2	2012	50	35	165.6	3.5
	3	2517	65	50	165.6	4.4
	4	2517	65	65	165.6	5.1
	5	2517	65	80	165.6	5.5
	6	2517	65	95	165.6	6.2
170	1	1610	42	20	175.6	2
	2	2012	50	35	175.6	3.3
	3	2517	65	50	175.6	4.5
	4	2517	65	65	175.6	5.9
	5	2517	65	80	175.6	6.6
180	1	1610	42	20	185.6	2
	2	2012	50	35	185.6	3.8
	3	2517	65	50	185.6	6
	4	2517	65	65	185.6	6.65
	5	3020	75	80	185.6	6.8
	6	3020	75	95	185.6	9.3
190	1	1610	42	20	195.6	2.7
	2	2012	50	35	195.6	4.4
	3	2517	65	50	195.6	5.5
	4	2517	65	65	195.6	6.5
	5	3020	75	80	195.6	7.5

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
200	1	2012	50	20	205.6	3
	2	2517	65	35	205.6	4.4
	3	2517	65	50	205.6	5.2
	4	3020	75	65	205.6	8.3
	5	3020	75	80	205.6	8.9
	6	3020	75	95	205.6	9.8
212	1	2012	50	20	217.6	2.9
	2	2517	65	35	217.6	4.7
	3	2517	65	50	217.6	6
	4	3020	75	65	217.6	8
224	1	2012	50	20	229.6	3.25
	2	2517	65	35	229.6	5.25
	3	2517	65	50	229.6	6.2
	4	3020	75	65	229.6	11.2
	5	3020	75	80	229.6	12.1
	6	3020	75	95	229.6	13.4
236	1	2012	50	20	241.6	3.2
	2	2517	65	35	241.6	5.4
	3	2517	65	50	241.6	6.6
	4	3020	75	65	241.6	9.8
	5	3020	75	80	241.6	12.2
250	1	2012	50	20	255.6	3.8
	2	2517	65	35	255.6	5.8
	3	2517	65	50	255.6	6.55
	4	3020	75	65	255.6	9.7
	5	3020	75	80	255.6	10.5
	6	3020	75	95	255.6	11.7
280	1	2012	50	20	285.6	4.7
	2	2517	65	35	285.6	6.4
	3	2517	65	50	285.6	8.9
	4	3020	75	65	285.6	10.40
	5	3535	90	80	285.6	15.1
	6	3535	90	95	285.6	16.7
300	1	2012	50	20	305.6	7.3
	2	2517	65	35	305.6	4.8
	3	3020	75	50	305.6	10
315	1	2012	50	20	320.6	4.9
	2	2517	65	35	320.6	7.5
	3	3020	75	50	320.6	11.8
	4	3020	75	65	320.6	15.5
	5	3535	90	80	320.6	17.3
	6	3535	90	95	320.6	18.9
335	4	3020	75	65	340.6	12.8
355	1	2012	50	20	360.6	5.5
	2	2517	65	35	360.6	8.8
	3	3020	75	50	360.6	12.2
	4	3020	75	65	360.6	13.5
	5	3535	90	80	360.6	20.2
	6	3535	90	95	360.6	21

SPA V-Pulleys (Taper Lock)

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
400	1	2012	50	20	405.6	5.91
	2	2517	65	35	405.6	9.35
	3	3020	75	50	405.6	13.32
	4	3020	75	65	405.6	15.45
	5	3535	90	80	405.6	22.09
	6	3535	90	95	405.6	24.25
450	1	2012/2517	50/65	20	455.6	6.77
	2	2517	65	35	455.6	10.62
	3	3020	75	50	455.6	15.11
	4	3020	75	65	455.6	17.94
	5	3535	90	80	455.6	24.65
	6	3535	90	95	455.6	27.31
500	1	2517	65	20	505.6	6.5
	2	2517	65	35	505.6	12.11
	3	3020	75	50	505.6	17.09
	4	3020	75	65	505.6	20.07
	5	3535	90	80	505.6	27.33
	6	3535	90	95	505.6	30.55
630	1	2517	65	20	635.6	16.00
	2	3020	75	35	635.6	17.8
	3	3020	75	50	635.6	22.68
	4	3535	90	65	635.6	31.17
	5	3535	90	80	635.6	35.31
	6	4040	100	95	635.6	47.72
800	3	3535	90	50	805.6	34.76
	4	3535	90	65	805.6	41.11
	5	4040	100	80	805.6	54.54
	6	4040	100	95	805.6	59.75
1000	3	3535	90	50	1005.6	45.99
	4	4040	100	65	1005.6	63.94
	5	4545	110	80	1005.6	76.41
	6	4545	110	95	1005.6	85.40



SPB V-Pulleys (Taper Lock)

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
75	1	1108/1210	28	20	80.6	0.5
	2	1108	28	35	80.6	0.6
80	1	1108/1210	28/32	25	87	0.5
	2	1108/1210	28/32	44	87	0.7
	3	1108/1210	28/32	63	87	1.1
85	1	1210	32	25	92	0.6
	2	1210	32	44	92	0.8
90	1	1210	32	25	97	0.6
	2	1210	32	44	97	1
	3	1210	32	63	97	1.3
95	1	1210/1610	32/42	25	102	1
	2	1210/1610	32/42	44	102	1.2
100	1	1610	42	25	107	0.88
	2	1610	42	44	107	1.3
	3	1610	42	63	107	1.8
	4	1615	42	82	107	2.2
106	1	1610	42	25	112	1
	2	1610	42	44	112	1.5
	3	1610	42	63	112	2
	4	1610	42	82	112	2.5
	5	1615	42	101	112	2.75
112	1	1610	42	25	119	1.21
	2	1610	42	44	119	1.72
	3	1610	42	63	119	2.29
	4	1610	42	82	119	2.95
118	1	1610	42	25	125	1.4
	2	1610	42	44	125	1.94
	3	1610	42	63	125	2.55
	4	1610	42	82	125	3.2
125	1	1610	42	25	132	1.63
	2	2012	50	44	132	2.07
	3	2012	50	63	132	2.73
	4	2012	50	82	132	3.39
	5	2012	50	101	132	4.05
132	1	1610	42	25	139	1.87
	2	2012	50	44	139	2.4
	3	2012	50	63	139	3.11
	4	2012	50	82	139	3.82
	5	2012/2517	50/65	101	139	4.2
140	1	1610	42	25	147	2.16
	2	2012	50	44	147	2.81
	3	2012	50	63	147	3.56
	4	2517	65	82	147	4.85
	5	2517	65	101	147	4.49
	6	2517	65	120	147	5.53
150	1	1610	42	25	157	2.55
	2	2012	50	44	157	3.34
	3	2517	65	63	157	4.1
	4	2517	65	82	157	6.26
	5	2517	65	101	157	5.73
	6	2517	65	120	157	6.56

SPB V-Pulleys (Taper Lock)

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
160	1	1610	42	25	167	2.97
	2	2012	50	44	167	3.92
	3	2517	65	63	167	4.7
	4	2517	65	82	167	5.78
	5	2517	65	101	167	6.67
	6	3020	75	120	167	6.20
170	1	1610	42	25	177	3.3
	2	2012	50	44	177	4.5
	3	2517	65	63	177	5.6
	4	2517	65	82	177	6.7
	5	3020	75	101	177	6.8
	6	3020	75	120	177	7.8
180	1	1610	42	158	187	3.9
	2	2517	65	44	187	5.62
	3	2517	65	63	187	6.91
	4	2517	65	82	187	7.68
	5	3020	75	101	187	7.89
	6	3020	75	120	187	8.91
	8	3020	75	158	187	12.21
190	1	2012	50	25	197	4.12
	2	2517	65	44	197	6.5
	3	2517	65	63	197	8.1
	4	2517	65	82	197	8.71
	5	3020	75	101	197	9.08
	6	3020	75	120	197	10.16
	8	3030	75	158	197	14.11
200	1	2012	50	25	207	4.64
	2	2517	65	44	207	7.53
	3	2517	65	63	207	9.31
	4	3020	75	82	207	9.38
	5	3020	75	101	207	10.58
	6	3020	75	120	207	11.78
	8	3535	90	158	207	15.22
	10	3535	-	-	207	-
212	1	2012	50	25	219	5.31
	2	2517	65	44	219	8.56
	3	2517	65	63	219	9.9
	4	3020	75	82	219	10.89
	5	3020	75	101	219	12.17
	6	3535	90	120	219	15.35
	8	3535	-	-	219	-
224	1	2012	50	25	231	6.01
	2	2517	65	44	231	9.60
	3	2517	65	63	231	11.30
	4	3020	75	82	231	12.48
	5	3020	75	101	231	13.89
	6	3535	90	120	231	18.02
	8	3535	90	158	231	20.75

SPB V-Pulleys (Taper Lock)

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
236	1	2012	50	25	243	6.76
	2	2517	65	44	243	10.62
	3	2517	65	63	243	7.72
	4	3020	75	82	243	14.16
	5	3535	90	101	243	19.39
	6	3535	90	120	243	20.84
250	1	2012	50	25	257	7.68
	2	2517	65	44	257	6.7
	3	3020	75	63	257	12.6
	4	3020	75	82	257	16.08
	5	3535	90	101	257	22.77
	6	3535	90	120	257	24.31
265	2	2517	-	-	-	-
	1	2012	50	25	287	4.13
	2	2517	65	44	287	7.53
	3	3020	75	63	287	10.74
	4	3020	75	82	287	13.4
	5	3535	90	101	287	19.15
280	6	3535	90	120	287	21.04
	8	3535	90	158	287	25
300	1	2012	50	25	307	6.8
	2	2517	65	44	307	8.14
	3	3020	75	63	307	11.64
	4	3020/3535	75/90	82	307	14.92
	5	3535	90	101	307	20.67
	6	3535	90	120	307	22.75
315	8	3535	90	158	307	30
	1	2012	50	25	322	7.9
	2	2517	65	44	322	8.66
	3	3020	75	63	322	12.21
	4	3535	90	82	322	19.81
	5	3535	90	101	322	21.75
335	6	3535	90	120	322	23.98
	8	3535	90	158	322	31
	10	3535	90	209	322	35
	2	2517	65	44	342	11.3
	3	3020	75	63	342	12
	4	3535	90	82	342	16.4
355	5	3535	90	82	342	20
	6	3535	90	82	342	26.30
	8	3535	90	82	342	33.50
	2	3020	75	44	362	11.74
	3	3020	75	63	362	14.24
	4	3535	90	82	362	15.5
375	5	3535	90	101	362	23.46
	6	3535	90	120	362	27.75
	8	3535	90	158	362	31.6
	10	4040	100	209	362	38.50
560	2	3030	-	-	-	-

SPB V-Pulleys (Taper Lock)

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
400	2	3020	75	44	407	13.87
	3	3535	90	63	407	18.60
	4	3535	90	82	407	23.15
	5	3535	90	101	407	26.63
	6	3535	90	120	407	29.36
	8	4040	100	158	407	40.00
	10	4040	100	158	407	40.50
450	2	3020/3535	75/90	63	457	14
	3	3535	90	82	457	22
	4	3535	90	82	457	25
	5	3535	90	101	457	29
	6	4040	100	120	457	35
	8	4040	100	158	457	58
500	2	3020	75	44	507	18.12
	3	3535	90	63	507	24.7
	4	3535	90	82	507	32.92
	5	3535	90	101	507	39.08
	6	4040	100	120	507	48.28
	8	4040	100	158	507	58
560	3	3535	90	63	567	30
	4	3535	90	82	567	32.92
	5	4040	100	101	567	39.08
	6	4040	100	120	567	48.28
	8	4545	110	158	567	58
630	2	3020	75	44	637	27.66
	3	3535	90	63	637	37.2
	4	3535	90	82	637	43.62
	5	4040	100	101	637	53.11
	6	4040	100	120	637	61.62
	8	4545	110	158	637	59.86
710	2	3525	75	-	717	24.5
	3	3535	90	63	717	36
	4	3535	90	82	717	41
	5	3535	100	101	717	51
	6	4040	110	114	717	59
	8	4545	110	159	717	78
800	3	3535	90	63	807	52.39
	4	4040	100	82	807	65.8
	5	4040	100	101	807	74.87
	6	4545	110	120	807	89.49
	8	4545	110	158	807	109.62
1000	3	4040	100	63	1007	52.30
	4	4040	100	82	1007	64.60
	5	4545	110	114	1007	81
	6	4545	110	120	1007	95.40
	8	5050	125	158	1007	130
1250	3	4040	100	63	1257	100
	4	4545	110	82	1257	114.50
	5	4545	110	101	1257	150.70
	6	5050	125	120	1257	136

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
150	1	2012/2517	50/65	50	159.6	6
	2	2012	-	-	159.6	-
	3	2517	-	-	159.6	-
	4	2517	-	-	159.6	-
200	1	2517	65	50	209.6	8
	2	2517	65	50	209.6	8
	3	2517	75	85	209.6	10.41
	4	3020	75	110.5	209.6	11.57
	5	3020/3535	75/90	136	209.6	14.38
	6	3535	90	161.5	209.6	16.13
	8	3535	90	212.5	209.6	16.93
212	2	2517	65	44	221.6	9
	3	2517/3020	65/75	85	221.6	11.35
	4	3020	75	110.5	221.6	13.22
	5	3535	90	136	221.6	16.98
	6	3535	90	161.5	221.6	18.85
	8	3535	90	212.5	221.6	22.59
224	1	2517	65	50	233.6	10.00
	2	3020	75	59.5	233.6	10.97
	3	3020	75	85	233.6	12.97
	4	3535	90	110.5	233.6	17.72
	5	3535	90	136	233.6	19.71
	6	3535	90	161.5	233.6	21.71
	8	3535	90	212.5	233.6	25.69
236	2	3020	75	59.5	245.6	11.20
	3	3020	75	85	245.6	14.67
	4	3535	90	110.5	245.6	20.49
	5	3535	90	136	245.6	22.6
	6	3535	90	161.5	245.6	24.72
	8	3535	90	212.5	245.6	28.94
250	1	2517	65	50	259.6	6.90
	2	3020	75	59.5	259.6	14.00
	3	3020	75	85	259.6	16.76
	4	3535	90	110.5	259.6	23.91
	5	3535	90	136	259.6	26.16
	6	3535	90	161.5	259.6	28.42
	8	3535	90	212.5	259.6	32.93
265	3	3535	90	85	274.6	25.04
	4	3535	90	110.5	274.6	21.11
	5	3535	90	136	274.6	23.52
	6	3535	90	161.5	274.6	26.01
	8	3535	90	212.5	274.6	30.91
280	1	2517	65	50	289.6	8.50
	3	3535	90	85	289.6	19.55
	4	3535	90	110.5	289.6	22.23
	5	3535	90	136	289.6	24.91
	6	3535	90	161.5	289.6	27.6
	8	3535	90	212.5	289.6	32.84
300	1	2517	-	-	309.6	-
	2	3020	-	-	309.6	-
	3	3535	90	85	309.6	21.01
	4	3535	90	110.5	309.6	23.95
	5	3535	90	136	309.6	26.89
	6	3535	90	161.5	309.6	29.83
	8	4040	100	212.5	309.6	49.93
	10	4545	110	263.5	309.6	54

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
315	1	2517	-	-	324.6	-
	2	3020	-	-	324.6	-
	3	3535	90	85	324.6	22.04
	4	3535	90	110.5	324.6	25.18
	5	3535	90	136	324.6	28.32
	6	3535	90	161.5	324.6	31.45
	8	4040	100	212.5	324.6	44.28
	10	4545	110	263.5	324.6	60
335	3	3535	90	85	344.6	22.60
	4	3535	90	110.5	344.6	27.60
	5	3535	90	136	344.6	31.11
	6	3535	90	161.5	344.6	34.62
	8	4040	100	212.5	344.6	47.97
	10	4545	110	263.5	344.6	81
	12	5050	125	314.5	344.6	124
355	1	2517	-	-	364.6	-
	2	3020	-	-	364.6	-
	3	3535	90	85	364.6	26.01
	4	3535	90	110.5	364.6	29.44
	5	3535	90	136	364.6	33.23
	6	3535	90	161.5	364.6	37.02
	8	4040	100	212.5	364.6	51.05
	10	4545	110	263.5	364.6	85
	12	5050	125	314.5	364.6	124
375	3	3535	90	85	384.6	25.1
	4	3535	90	110.5	384.6	30.72
	5	3535	90	136	384.6	35.84
	6	4040	100	161.5	384.6	46.39
	8	4545	110	212.5	384.6	59.70
	10	4545	110	263.5	384.6	92
	12	5050	125	314.5	384.6	138
400	3	3535	90	85	409.6	28.14
	4	3535	90	110.5	409.6	33.24
	5	3535	90	136	409.6	38.32
	6	4040	100	161.5	409.6	50.20
	8	4545	110	212.5	409.6	63.87
	10	4545	125	263.5	409.6	73
	12	5050	125	314.5	409.6	156
425	3	3535	90	85	434.6	28.75
	4	3535	90	110.5	434.6	33.76
	5	3535	90	136	434.6	45.51
	6	4040/4545	100/110	161.5	434.6	56.22
	8	4545/5050	110/125	212.5	434.6	64.97
	10	5050	125	263.5	434.6	105
	12	5050	125	314.5	434.6	130
450	3	3535	90	85	459.6	30.39
	4	3535	90	110.5	459.6	35.9
	5	4040	100	136	459.6	47.85
	6	4545	110	161.5	459.6	58.92
	8	5050	125	212.5	459.6	73.99
	10	5050	125	263.5	459.6	94
	12	5050	125	314.5	459.6	133

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
475	3	3535	90	85	484.6	32.46
	4	3535	90	110.5	484.6	38.41
	5	4040	100	136	484.6	50.60
	6	4545	110	161.5	484.6	61.46
	8	5050	125	212.5	484.6	77.64
	10	5050	125	263.5	484.6	125
	12	5050	125	314.5	484.6	142
500	3	3535	90	85	509.6	34.52
	4	3535	90	110.5	509.6	41.06
	5	4040	100	136	509.6	53.49
	6	4545	110	161.5	509.6	64.69
	8	5050	125	212.5	509.6	81.31
	10	5050	125	263.5	509.6	111
	12	5050	125	314.5	509.6	148
530	3	3535	90	85	539.6	36.82
	4	3535/4040	90/100	110.5	539.6	50.27
	5	4040/4545	100/4545	136	539.6	62.18
	6	4545	110	161.5	539.6	73.77
	8	5050	125	212.5	539.6	85.60
	10	5050	125	263.5	539.6	145
	12	5050	125	314.5	539.6	155
560	3	3535	90	85	569.6	39.41
	4	4040	100	110.5	569.6	53.43
	5	4545	110	136	569.6	65.72
	6	5050	125	161.5	569.6	77.67
	8	5050	125	212.5	569.6	90.9
	10	5050	125	263.5	569.6	121
	12	5050	125	314.5	569.6	164
630	3	4040	100	85	639.6	52.10
	4	4545	110	110.5	639.6	66.03
	5	5050	125	136	639.6	79.3
	6	5050	125	161.5	639.6	87.39
	8	5050	125	212.5	639.6	102.88
	10	5050	125	263.5	639.6	130
	12	5050	125	314.5	639.6	185
710	3	4545	110	85	709.6	52
	4	5050	125	110.5	709.6	64
	5	5050	125	136	709.6	79
	6	5050	125	161.5	709.6	100
	8	5050	125	212.5	709.6	121
	10	5050	125	263.5	709.6	165
	12	5050	125	314.5	709.6	165
800	3	4545	110	85	809.6	72
	4	5050	125	110.5	809.6	90.77
	5	5050	125	136	809.6	102.46
	6	5050	125	161.5	809.6	113.65
	8	5050	125	212.5	809.6	136.55
	10	5050	125	263.5	809.6	170
	12	6050	150	314.5	809.6	277

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
1000	4	5050	125	110.5	1009.6	117.11
	5	5050	125	136	1009.6	133.59
	6	5050	125	161.5	1009.6	149.8
	8	5050	125	212.5	1009.6	181.35
	10	5050	125	263.5	1009.6	230
	12	6050	150	314.5	1009.6	346
1250	5	5050	125	136	1259.6	187
	6	5050	125	161.5	1259.6	200
	8	5050	125	212.5	1259.6	252

SPZ Pulleys (Taper Lock)

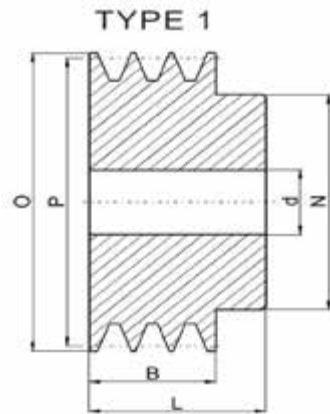
Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
56	1	1008	25	38	54	0.45
	2	1008/1108	25/28	50	54	0.53
60	1	1008	25	16	64	0.25
	2	1108	28	49	64	0.6
63	1	1108	28	16	67	0.3
	2	1108	28	28	67	0.4
	3	1108	28	40	67	0.16
67	1	1108	28	16	71	0.3
	2	1108	28	28	71	0.42
	3	1108	28	40	71	0.57
71	1	1108	28	16	75	0.4
	2	1108	28	28	75	0.5
	3	1108	28	40	75	0.6
75	1	1108	28	16	79	0.5
	2	1210	32	28	79	0.5
	3	1210	32	40	79	0.6
80	1	1210	32	16	84	0.4
	2	1210	32	28	84	0.5
	3	1210	32	40	84	0.7
	4	1210	32	52	84	0.8
85	1	1210	32	16	89	0.5
	2	1610	42	28	89	0.6
	3	1610	42	40	89	0.8
	4	1610	42	52	89	0.9
90	1	1210	32	16	94	0.7
	2	1610	42	28	94	0.8
	3	1610	42	40	94	0.9
	4	1610	42	52	94	1.2
95	1	1210	32	16	99	0.8
	2	1610	42	28	99	0.9
	3	1610	42	40	99	1.06
	4	1610	42	52	99	1.2
100	1	1210	32	16	104	0.9
	2	1610	42	28	104	1
	3	1610	42	40	104	1.2
	4	1610	42	52	104	1.4
106	1	1610	42	16	110	1.1
	2	1610	42	28	110	1.2
	3	1610	42	40	110	1.3
	4	1610	42	52	110	1.7
112	1	1610	42	16	116	1.15
	2	1610	42	28	116	1.3
	3	2012	50	40	116	1.4
	4	2012	50	52	116	1.7
118	1	1610	42	16	122	1.2
	2	1610	42	28	122	1.5
	3	2012	50	40	122	1.6
	4	2012	50	52	122	2
125	1	1610	42	16	129	1.3
	2	1610	42	28	129	1.8
	3	2012	50	40	129	2
	4	2012	50	52	129	2.3

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
132	1	1610	42	16	136	1.5
	2	1610	42	28	136	2
	3	2012	50	40	136	2.4
	4	2012	50	52	136	2.7
140	1	1610	42	16	144	1.6
	2	1610	42	28	144	2.4
	3	2012	50	40	144	2.8
	4	2012	50	52	144	3.1
150	1	1610	42	16	154	2
	2	2012	50	28	154	2.8
	3	2012	50	40	154	3.4
	4	2517	65	52	154	3.8
160	1	1610	42	16	164	1.7
	2	2012	50	28	164	3.3
	3	2012	50	40	164	3.9
	4	2517	65	52	164	4.6
170	1	1610	42	16	174	1.5
	2	2012	50	28	174	2.4
	3	2012	50	40	174	3.7
180	1	1610	42	16	184	2
	2	2012	50	28	184	3
	3	2012	50	40	184	3.6
	4	2517	65	52	184	6.5
200	1	2012	50	16	204	2.7
	2	2012	50	28	204	3.3
	3	2012	50	40	204	4
	4	2517	65	52	204	5.2
224	1	2012	50	16	228	3
	2	2012	50	28	228	3.7
	3	2012	50	40	228	4.4
	4	2517	65	52	228	6
250	1	2012	50	16	254	2.8
	2	2012	50	28	254	4
	3	2012	50	40	254	4.6
	4	2517	65	52	254	7
280	1	2012	50	16	284	3.5
	2	2012	50	28	284	4.4
	3	2517	65	40	284	6.4
	4	2517	65	52	284	7.6
315	1	2012	50	16	319	3.8
	2	2012	50	28	319	5.1
	3	2517	65	40	319	7.4
	4	2517	65	52	319	8.6
355	1	2012	50	16	359	4.5
	2	2012	50	28	359	8.4
	3	2517	65	40	359	8.8
	4	2517	65	52	359	9.4
400	1	2012	50	16	404	4.33
	2	2517	65	28	404	6.9
	3	2517	65	40	404	8.65
	4	2517	65	52	404	10.23

SPZ Pulleys (Taper Lock)

Pulley (dw)	Grooves	Bush	d2 Max	b	d	App. Kg
482	1	2012	50	16	428	6.7
	2	2517	65	28	428	9.5





SPA Pilot Bore Pulleys

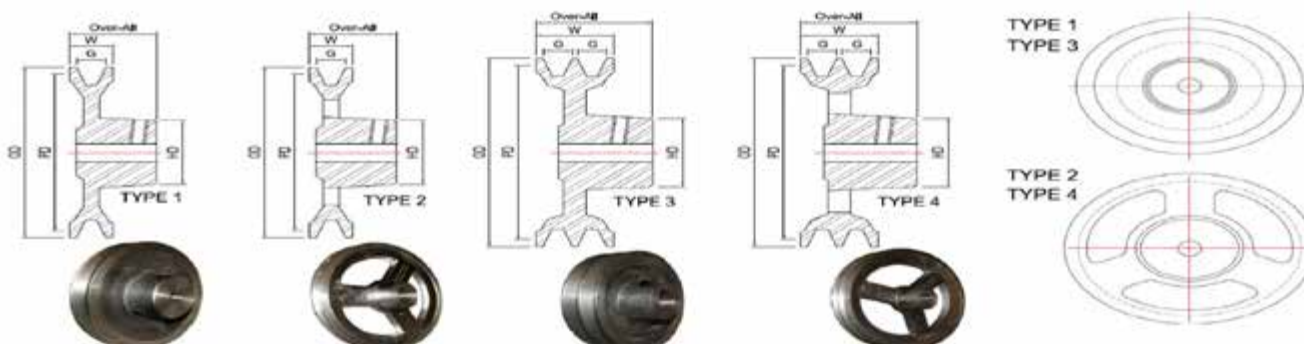
Pulley (dw)	P	O	Grooves	N	L	B	Type	d	App. Kg
75	75	80.5	1	40	40	20	1	10	0.9
	75	80.5	2	50	45	35	1	10	1.3
85	85	90.5	1	45	40	20	1	10	1.0
	85	90.5	2	50	45	35	1	10	1.3
100	100	100.5	1	45	40	20	1	10	1.4
	100	100.5	2	60	45	35	1	15	2.0
112	112	117.5	1	48	40	20	1	10	1.8
	112	117.5	2	60	45	35	1	15	2.5
125	125	132	1	48	40	20	1	10	2.2
	125	132	2	60	45	35	1	15	3.0

SPB Pilot Bore Pulleys

Pulley (dw)	P	O	Grooves	N	L	B	Type	d	App. Kg
80	80	87	1	50	45	25	1	10	1.2
	80	87	2	50	48	44	1	10	1.7
90	90	97	1	50	45	25	1	10	1.4
	90	97	2	50	49	44	1	10	2.0
100	100	107	1	52	45	25	1	10	1.7
	100	107	2	55	55	44	1	15	2.4
112	112	119	1	55	45	25	1	15	2.0
	112	119	2	60	55	44	1	15	3.0
125	125	132	1	58	45	25	1	15	2.5
	125	132	2	60	55	44	1	15	3.7
150	150	157	1	65	45	25	1	20	3.4
	150	157	2	65	55	44	1	20	4.5

Finer Power Transmissions stocks a range of Aluminium Pulleys that are manufactured in Australia.

In addition to the below stocked range, Finer Power Transmissions can supply specific bore sizes made to order.



A Section Aluminium Pulleys

PCD		No of Grooves	Type	OD	W	HD	G	Over-All	LTB	Grub Screw	1/2"	5/8"	3/4"	1"
Inches	mm			mm							No Key	3/16" Key	3/16" Key	1/4 " Key
1.25	32	1	1	41	19	35	12.7	38	34	5/16" UNC	✓	✓	✓	
1.5	38	1	1	49	19	35	12.7	38	34	5/16" UNC	✓	✓	✓	
1.75	44	1	1	54	19	39	12.7	38	34	5/16" UNC	✓	✓	✓	
2	50	1	1	61	19	40	12.7	38	34	5/16" UNC	✓	✓	✓	✓
		2	3		34	41		55	49	5/16" UNC	✓	✓	✓	✓
2.25	57	1	1	67	19	39	12.7	38	33	5/16" UNC	✓	✓	✓	✓
2.5	63	1	1	74	19	43	12.7	55	33	5/16" UNC	✓	✓	✓	✓
		2	3		34	43		38	48	5/16" UNC	✓	✓	✓	✓
2.75	70	1	1	79	19	43	12.7	36	32	5/16" UNC	✓	✓	✓	✓
3	76	1	1	86	19	43	12.7	38	35	5/16" UNC	✓	✓	✓	✓
		2	3		34	49		55	43	5/16" UNC	✓	✓	✓	✓
3.25	82	1	1	92	19	45	12.7	48	35	5/16" UNC	✓	✓	✓	✓
3.5	89	1	1	99	19	44	12.7	36	35	5/16" UNC	✓	✓	✓	✓
		2	3		34	49		55	43	5/16" UNC	✓	✓	✓	✓
4	102	1	1	112	19	46	12.7	48	47	5/16" UNC	✓	✓	✓	✓
		2	3		34	46		50	42	5/16" UNC	✓	✓	✓	✓
4.5	114	1	1	124	19	47	12.7	38	35	5/16" UNC	✓	✓	✓	✓
		2	3		34	48		56	45	5/16" UNC	✓	✓	✓	✓
5	127	1	1	137	19	48	12.7	40	37	5/16" UNC	✓	✓	✓	✓
		2	3		34	49		51	41	5/16" UNC	✓	✓	✓	✓
5.5	140	1	2	150	19	49	12.7	40	36	5/16" UNC	✓	✓	✓	✓
		2	3		34	50		54	46	5/16" UNC	✓	✓	✓	✓
6	152	1	2	163	19	49	12.7	40	37	5/16" UNC	✓	✓	✓	✓
		2	4		34	55		53	44	5/16" UNC	✓	✓	✓	✓
6.5	165	1	2	176	19	52	12.7	40	37	5/16" UNC	✓	✓	✓	✓
7	178	1	2	189	19	57	12.7	40	38	5/16" UNC	✓	✓	✓	✓
		2	4		34	57		53	44	5/16" UNC	✓	✓	✓	✓

Table continue next page.

A Section Aluminium Pulleys

PCD		No of Grooves	Type	OD	W	HD	G	Over-All	LTB	Grub Screw	1/2"	5/8"	3/4"	1"
Inches	mm			mm							No Key	3/16" Key	3/16" Key	1/4 " Key
8	203	1	2	215	20	55	12.7	45	42	5/16" UNC	✓	✓	✓	✓
		2	4		34	55		68	47	5/16" UNC	✓	✓	✓	✓
9	229	1	2	248	20	55	12.7	44	42	5/16" UNC	✓	✓	✓	✓
		2	4		34	55		55	47	5/16" UNC	✓	✓	✓	✓
10	254	1	2	265	20	55	12.7	49	47	5/16" UNC	✓	✓	✓	✓
		2	4		34	55		59	49	5/16" UNC	✓		✓	✓
12	305	1	2	315	20	58	12.7	48	45	5/16" UNC	✓	✓	✓	✓
		2	4		34	55		58	48	5/16" UNC	✓		✓	✓
14	355	1	2	369	21	66	12.7	62	49	5/16" UNC	✓	✓	✓	✓
		2	4		34	67		64	55	5/16" UNC	✓			
15	381	1	2	393	20	67	12.7	62	60	5/16" UNC	✓		✓	✓
16	406	1	2	420	22	66	12.7	60	59	5/16" UNC	✓		✓	✓
		2	4		35	67		66	56	5/16" UNC	✓			
18	457	1	2	471	22	75	12.7	66	63	5/16" UNC	✓		✓	✓
		2	4		35	75		70	60	5/16" UNC	✓			

B Section Aluminium Pulleys

PCD		No of Grooves	Type	OD	W	HD	G	Over-All	LTB	Grub Screw	1/2"	5/8"	3/4"	1"
Inches	mm			mm							No Key	3/16" Key	3/16" Key	1/4 " Key
2	50	1	1	63	24	40	16	44	38	5/16" UNC	✓	✓	✓	✓
		2	3		44	43		34	59	5/16" UNC	✓	✓	✓	✓
2.5	63	1	1	76	24	44	16	43	38	5/16" UNC	✓	✓	✓	✓
3	76	1	1	89	24	45	16	42	38	5/16" UNC	✓	✓	✓	✓
		2	3		45	50		65	51	5/16" UNC	✓	✓	✓	✓
3.5	89	1	1	102	24	50	17	43	35	5/16" UNC	✓	✓	✓	✓
		2	3		45	50		66	53	5/16" UNC	✓	✓	✓	✓
4	102	1	1	114	24	52	18	43	37	5/16" UNC	✓	✓	✓	✓
		2	3		45	70		66	50	5/16" UNC	✓	✓	✓	✓
4.5	114	1	1	127	24	52	19	41	36	5/16" UNC	✓	✓	✓	✓
		2	3		45	65		66	50	5/16" UNC	✓	✓	✓	✓
5	127	1	1	140	24	52	20	42	36	5/16" UNC	✓	✓	✓	✓
		2	3		45	60		77	55	5/16" UNC	✓	✓	✓	✓
5.5	140	1	1	152	24	53	21	46	40	5/16" UNC	✓	✓	✓	✓
		2	3		45	53		66	58	5/16" UNC	✓	✓	✓	✓
6	152	1	1	165	24	60	22	45	40	5/16" UNC	✓	✓	✓	✓
		2	3		45	58		62	50	5/16" UNC	✓	✓	✓	✓
7	178	1	1	190	24	49	23	49	43	5/16" UNC	✓	✓	✓	✓
		2	3		45	55		66	51	5/16" UNC	✓	✓	✓	✓

Table continue next page.

B Section Aluminium Pulleys

PCD		No of Grooves	Type	OD	W	HD	G	Over-All	LTB	Grub Screw	1/2"	5/8"	3/4"	1"
Inches	mm			mm							No Key	3/16" Key	3/16" Key	1/4 " Key
8	203	1	1	216	24	60	24	54	47	5/16" UNC	✓		✓	✓
		2	3		45	63		69	55	5/16" UNC	✓	✓	✓	✓
9	229	1	2	241	24	53	25	53	47	5/16" UNC	✓		✓	✓
		2	4		45	57		68	53	5/16" UNC	✓	✓	✓	✓
10	254	1	2	267	24	56	26	49	44	5/16" UNC	✓		✓	✓
		2	4		45	57		64	51	5/16" UNC	✓		✓	✓
12	305	1	2	318	24	65	27	48	46	5/16" UNC	✓		✓	✓
		2	4		45	64		70	58	5/16" UNC	✓	✓	✓	✓
14	355	1	2	368	24	67	28	62	58	5/16" UNC				✓
		2	4		45	67		74	69	5/16" UNC				
16	406	1	2	419	24	68	29	58	52	5/16" UNC	✓			
		2	4		45	73		75	62	5/16" UNC			✓	
18	457	1	2	470	24	67	30	65	64	5/16" UNC				✓
		2	4		45	78		71	55	5/16" UNC	✓			



M Section Aluminium Pulleys

PCD		No of Grooves	Type	OD	W	HD	G	Over-All	LTB	Grub Screw	1/2"	5/8"	3/4"	1"
Inches	mm			mm							No Key	3/16" Key	3/16" Key	1/4 " Key
1.5	38	1	1	44	16	34	9	35	34	5/16" UNC	√	-	-	-
1.75	44	1	1	50	16	42	9	35	34	5/16" UNC	√	-	-	-
2	50	1	1	57	16	33	9	30	34	5/16" UNC	√	-	-	-
2.5	63	1	1	69	16	44	9	36	33	5/16" UNC	√	-	-	-
3	76	1	1	82	16	44	9	35	35	5/16" UNC	√	-	-	-

Idler Pulleys

AETNA | DONDYE



IDLERS PULLEYS

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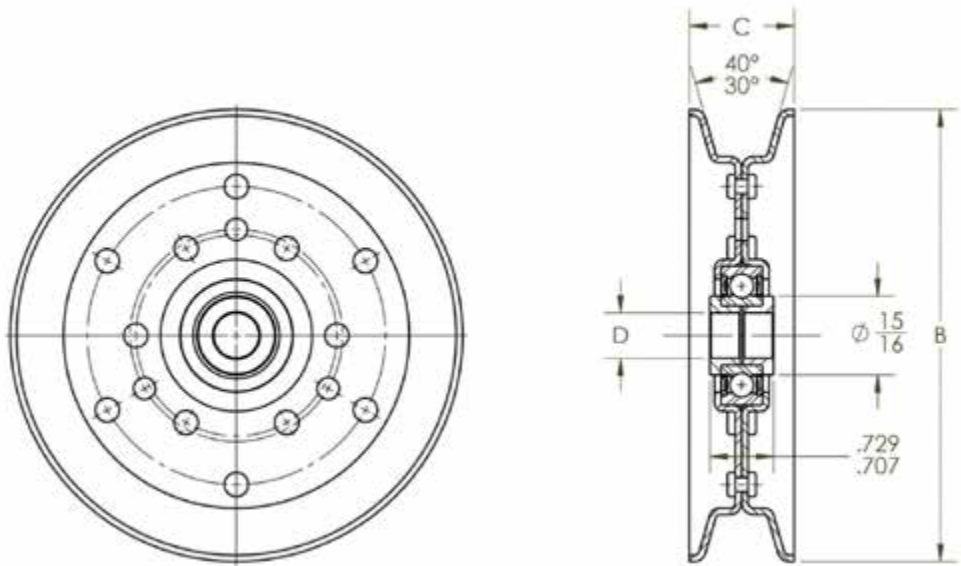
High Speed Pulleys - Single Row Bearings

They are used in heavy duty applications where loads and speeds are greater than required for unground bearings—usually over 2000 RPM. Many are used on modern combines and hay baling equipment. Aetna V-belt idlers are available with single row bearings with a bore size to clear 1/2 and 5/8 bolts. Aetna belt idlers are generally used as tensioners or direction changers. Permanently lubricated and sealed against grime and dirt. Fit into existing design with little or no engineering changes or are readily adapted to new designs.

ADVANTAGES

- Heavy gauge precision formed steel with double row of steel rivets with strengthening rib
- Precision bearing for high capacity, lubricated and sealed for life
- Solid steel bushing to provide proper mounting clearance “Weep” holes to prevent water build-up
- Basic radial load rating of precision bearing is 1,820 pounds

V-Belt Idlers



PART NO.	UNIT	BELT SIZE	B	C	D
B13516-A	Inch	B	4-3/8	1	.510/.515
	mm		111.125	25.4	12.954/13.081
B13516-B	Inch	B	4-3/8	1	.635/.640
	mm		111.125	25.4	16.129/16.256
C15919-B9**	Inch	C	7-5/16	1-3/16	.635/.640
	mm		185.737	40.037	16.129/16.256

**Zinc Plated Yellow Hexavalent Chromium Finish

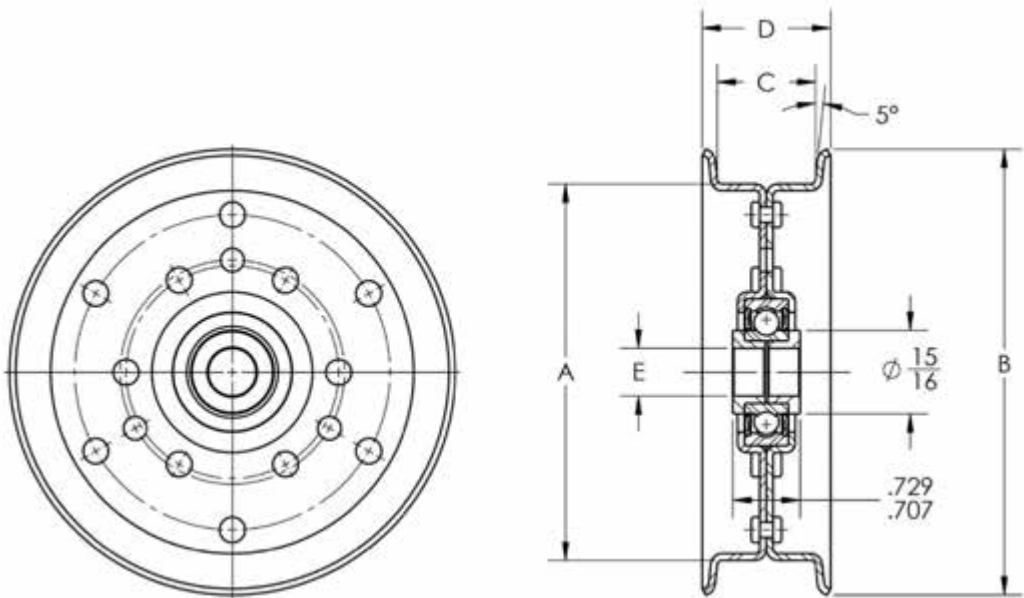
High Speed Pulleys - Single Row Bearings

They are used in heavy duty applications where loads and speeds are greater than required for unground bearings-usually over 2000 RPM. Many are used on modern combines and hay baling equipment. Aetna V-belt idlers are available with single row bearings with a bore size to clear 1/2 and 5/8 bolts. Aetna belt idlers are generally used as tensioners or direction changers. Permanently lubricated and sealed against grime and dirt. Fit into existing design with little or no engineering changes or are readily adapted to new designs.

ADVANTAGES

- Heavy gauge precision formed steel with double row of steel rivets with strengthening rib
- Precision bearing for high capacity, lubricated and sealed for life
- Solid steel bushing to provide proper mounting clearance
- "Weep" holes to prevent water build-up
- Basic radial load rating of precision bearing is 1,820 pounds

Flat Flanged Idlers



PART NO.	UNIT	A	B	C	D	E
F14026-B	Inch	5	5-3/4	1-5/8	2-1/16	.635/.640
	mm	127	146.06	41.275	52.387	16.129/16.256
F14416-A	Inch	5-1/2	6-1/4	1	1-7/16	.510/.515
	mm	139.7	158.75	25.4	36.512	12.954/13.081
F14416-B	Inch	5-1/2	6-1/4	1	1-7/16	.635/.640
	mm	139.7	158.75	25.4	36.512	16.129/16.256
F16416-B	Inch	8	9	1	1-7/16	.635/.640
	mm	203.2	228.6	25.4	36.512	16.129/16.256
F16424-B6*	Inch	8	9	1-1/2	1-15/16	.635/.640
	mm	203.2	228.6	38.1	49.212	16.129/16.256



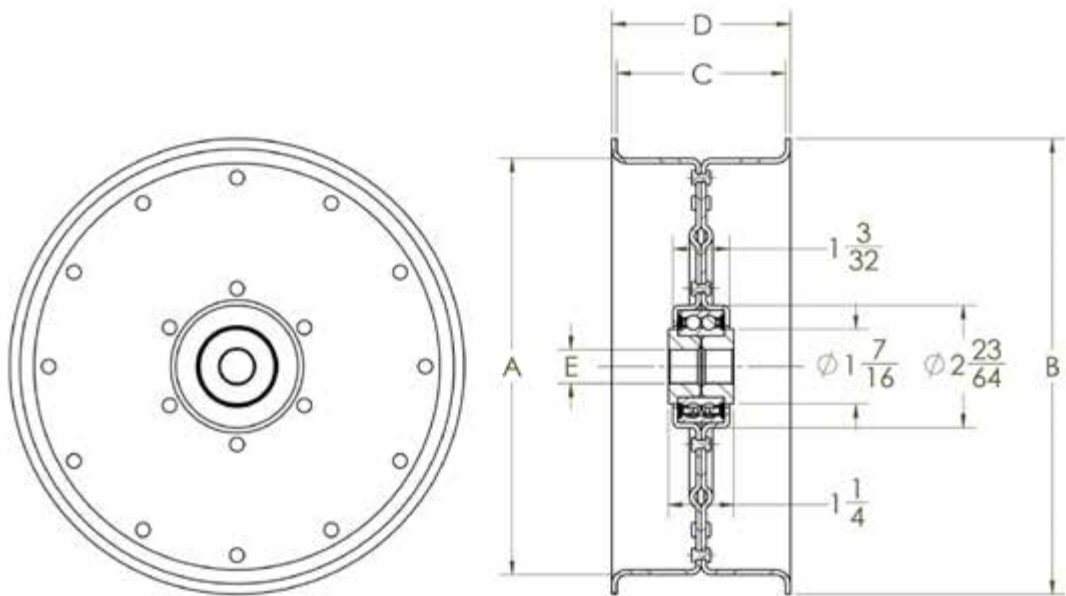
High Speed Pulleys - Double Row Bearings

They are used in heavy duty applications where loads and speeds are greater than required for unground bearings-usually over 2000 RPM. Many are used on modern combines. Aetna straight belt idlers for flat belts are available with double row bearings and bushed to clear 1/2 , 5/8 and 3/4 bolts. Aetna belt idlers are generally used as tensioners or direction changers. Permanently lubricated and sealed against grime and dirt. Fit into existing design with little or no engineering changes or are readily adapted to new designs.

ADVANTAGES

- Heavy gauge precision formed steel with annular strengthening rib.
- Double row of steel rivets
- Double row lubricated for life sealed precision angular contact bearing for higher capacity and rigidity
- Steel bushing to provide proper bolt clamping and centering
- Basic radial load rating of precision bearing is 3,340 pounds

Flat Flanged Idlers



PART NO.	UNIT	A	B	C	D	E
F26448-B6**	Inch	8	8-3/4	3	3-3/16	.643/.649
	mm	203.2	222.25	76.2	80.962	16.332/16.484
F26452-B9**	Inch	8	8-3/4	3-1/4	3-7/16	.643/.649
	mm	203.2	222.25	82.55	87.312	16.332/16.484

**Zinc Plated Yellow Hexavalent Chromium Finish

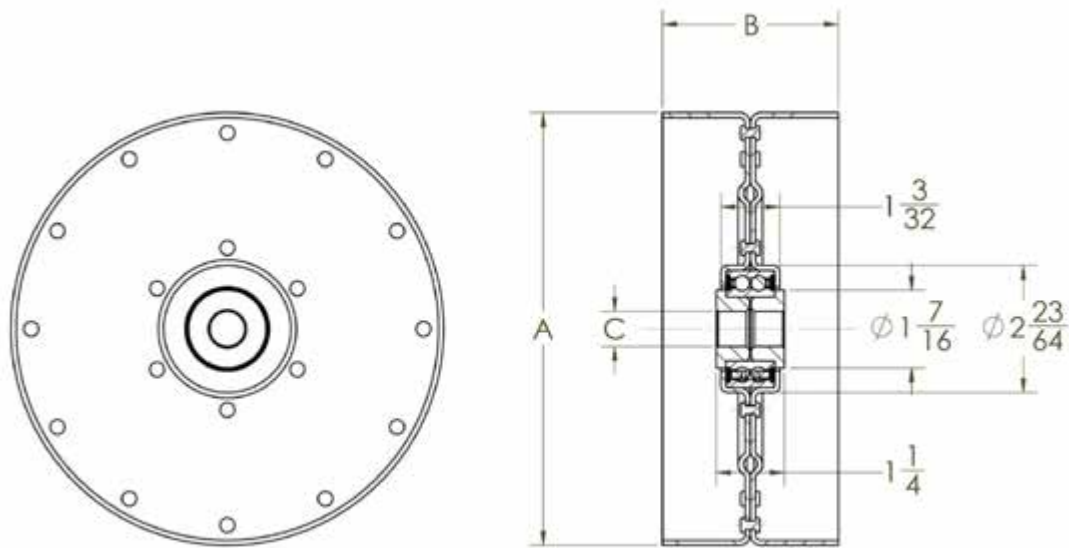
High Speed Pulleys - Double Row Bearings

They are used in heavy duty applications where loads and speeds are greater than required for unground bearings-usually over 2000 RPM. Many are used on modern combines. Aetna straight belt idlers for flat belts are available with double row bearings and bushed to clear 1/2 , 5/8 and 3/4 bolts. Aetna belt idlers are generally used as tensioners or direction changers. Permanently lubricated and sealed against grime and dirt. Fit into existing design with little or no engineering changes or are readily adapted to new designs.

ADVANTAGES

- Heavy gauge precision formed steel with annular strengthening rib. Double row of steel rivets
- Double row lubricated for life sealed precision angular contact bearing for higher capacity and rigidity
- Steel bushing to provide proper bolt clamping and centering
- Basic radial load rating of precision bearing is 3,340 pounds

Flat Face Idlers



PART NO.	UNIT	A	B	C
S24032-A	Inch	5	2	.516/.522
	mm	127	50.8	13.0164/13.2588
S24032-B	Inch	5	2	.643/.649
	mm	127	50.8	16.3322/16.4846
S25252-A	Inch	6-1/2	3-1/4	.516/.522
	mm	165.1	82.55	13.0164/13.2588
S25252-C	Inch	6-1/2	3-1/4	.769/.775
	mm	165.1	82.55	19.5326/19.685
S26452-B6**	Inch	8	3-1/4	.643/.649
	mm	203.2	82.55	16.3322/16.4846
S28052-B	Inch	10	3-1/4	.643/.649
	mm	254	82.55	16.3322/16.4846

**Zinc Plated Yellow Hexavalent Chromium Finish

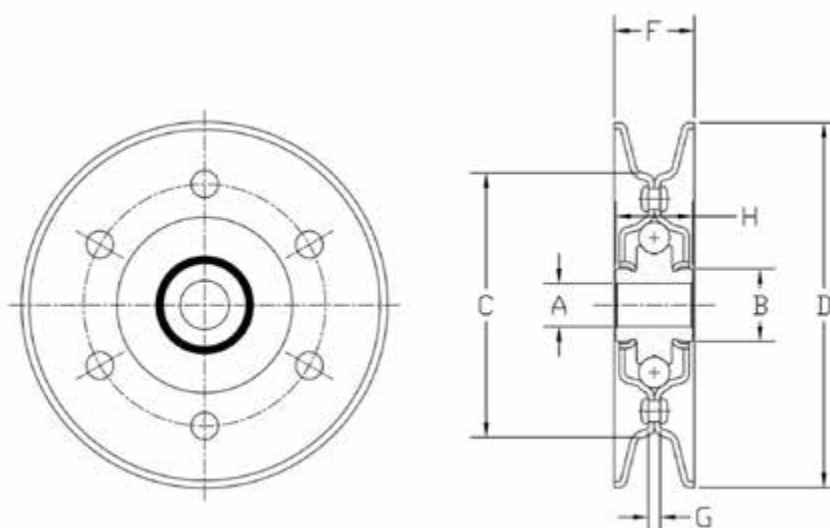
4 Point Heavy Duty Pulleys

Provide long life under demanding conditions. They are installed with standard 1/2 or 5/8 bolts. Applications include agricultural, power transmission equipment, and conveyor systems. Aetna V-belt idlers are generally used as tensioners or direction changers. Permanently lubricated and sealed against grime and dirt. Fit into existing designs with little or no engineering changes, or are readily adapted to new designs.

ADVANTAGES

- Over-size, factory packed lubricant chamber assures maximum life and operating efficiency without troublesome relubrication
- Case hardened to resist belt abrasion
- Available for most common V-belt sizes
- Bearing races are hardened to resist wear, outers and inners are accurately formed for smooth running
- Aetna's self-contouring, free-running, self-wiping seal provides positive contact under all conditions of misalignment
- Full ball complement for high durability

V-Belt Idlers



PART NO.	UNIT	A	B	C	D	BELT SIZE	F	G	H	WEIGHT (LBS / kg)
AG2321	Inch	.643/.649	1-3/16	2-1/4	3-1/4	A	7/8	.144	.750	.75
	mm	16.332/16.484	30.162	57.15	82.55		22.225	3.657	19.05	.340
AG2321-A	Inch	.516/.522	1-3/16	2-1/4	3-1/4	A	7/8	.144	.750	.78
	mm	13.016/13.258	30.162	57.15	82.55		22.225	3.657	19.05	.359
AG2421	Inch	.643/.649	7/8	3-7/32	4-13/32	B	31/32	.144	.927	.98
	mm	16.332/16.484	22.225	81.756	111.918		24.606	3.657	23.545	.444
AG2421-A	Inch	.516/.522	7/8	3-7/32	4-13/32	B	31/32	.144	.927	1.01
	mm	13.016/13.258	22.225	81.756	111.918		24.606	3.657	23.545	.458
AG2621	Inch	.643/.649	7/8	3-13/16	5-3/4	A, B, and C	1-5/32	.190	.927	1.52
	mm	16.332/16.484	22.225	96.837	146.05		29.368	4.826	23.545	0.694
AG2621-A	Inch	.516/.522	7/8	3-13/16	5-3/4	A, B, and C	1-5/32	.190	.927	1.55
	mm	13.016/13.258	22.225	96.837	146.05		29.368	4.826	23.545	0.703
AG2721	Inch	.643/.649	7/8	5-7/32	7	B and C	1-5/32	.190	.927	2.00
	mm	16.332/16.484	22.225	132.556	177.8		29.368	4.826	23.545	0.907

Round Belt Idler Pulleys (4 Point Heavy Duty)

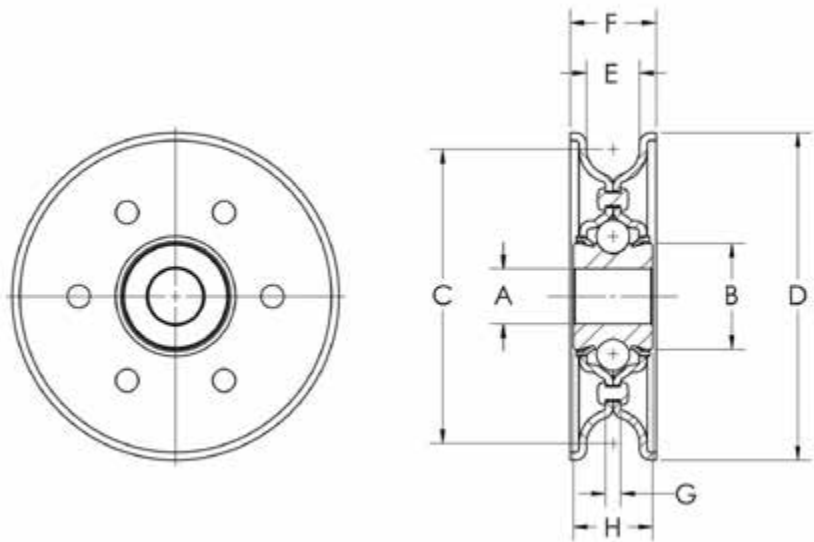
4 Point Heavy Duty Pulleys

Provide long life under demanding conditions. They are installed with standard 1/2 or 5/8 bolts. Applications include agricultural, power transmission and material handling equipment. Aetna round belt idlers are generally used as tensioners or direction changers. Permanently lubricated and sealed against grime and dirt. Fit into existing designs with little or no engineering changes, or are readily adapted to new designs.

ADVANTAGES

- Over-size, factory packed lubricant chamber assures maximum life and operating efficiency without troublesome relubrication
- Case hardened to resist belt abrasion
- Bearing races are hardened to resist wear, outers and inners are accurately formed for smooth running
- Aetna's self-contouring, free-running, self-wiping seal provides positive contact under all conditions of misalignment

Round Belt Idlers



PART NO.	UNIT	A	B	C	D	BELT DIA	F	G	H	WEIGHT (LBS / kg)
AG2331	Inch	.643/.649	1-3/16	3" Belt	3-1/4	15/32	13/16	.144	.750	.70
	mm	16.332/16.484	30.162	76.2 belt	82.55	11.906	20.637	3.657	19.05	.317
AG2331-A	Inch	.516/.522	1-3/16	3" Belt	3-1/4	15/32	13/16	.144	.750	.73
	mm	13.016/13.258	30.162	76.2 belt	82.55	11.906	20.637	3.657	19.05	.331

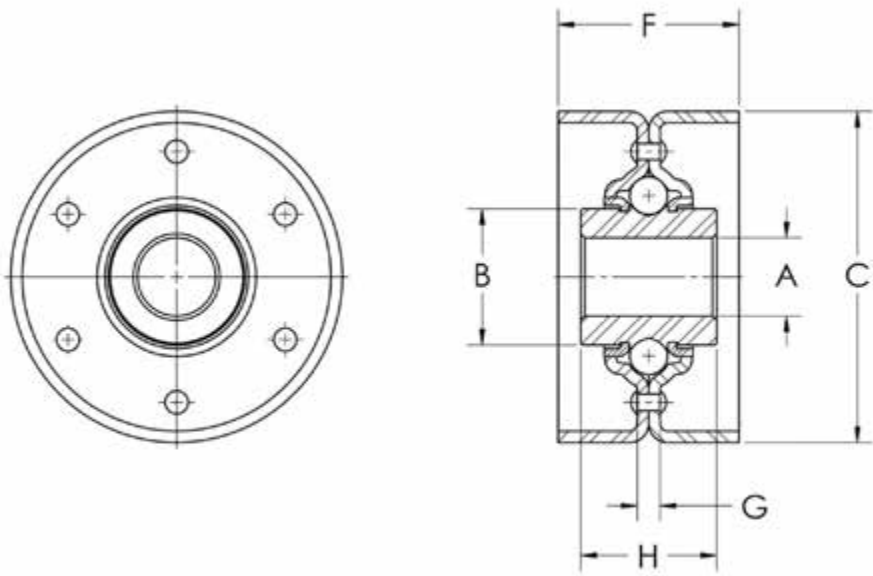
4 Point Heavy Duty Pulleys

Provide long life under demanding conditions. They are installed with standard 1/2 or 5/8 bolts. Applications include agricultural, power transmission equipment, and conveyor systems. Aetna belt idlers are generally used as tensioners or direction changers. Permanently lubricated and sealed against grime and dirt. Fit into existing designs with little or no engineering changes, or are readily adapted to new designs.

ADVANTAGES

- Over-size, factory packed lubricant chamber assures maximum life and operating efficiency without troublesome relubrication
- Case hardened to resist belt abrasion
- Available for most common belt sizes
- Bearing races are hardened to resist wear, outers and inners are accurately formed for smooth running
- Aetna's self-contouring, free-running, self-wiping seal provides positive contact under all conditions of misalignment
- Full ball complement for high durability

Flat Face Idlers



PART NO.	UNIT	A	B	C	F	G	H	WEIGHT (LBS / kg)
AG2367-A	Inch	.516/.522	1-3/16	2-3/4	1-1/2	1.90	1.125	.83
	mm	13.106/13.258	30.1625	69.85	38.1	48.26	28.575	.376

Flat Single Flange Idler Pulleys (4 Point Heavy Duty)

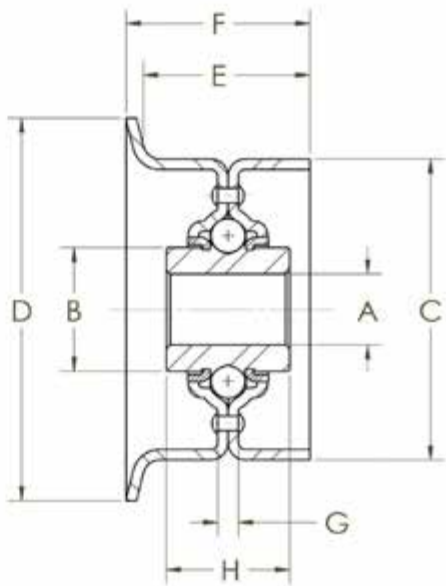
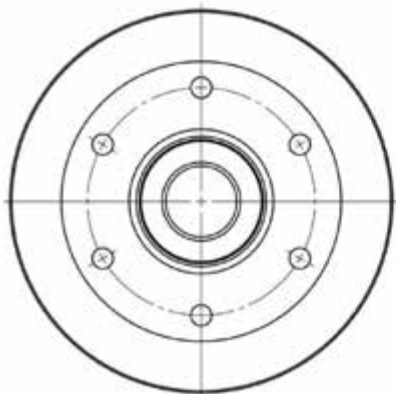
4 Point Heavy Duty Pulleys

Provide long life under demanding conditions. They are installed with standard 1/2 or 5/8 bolts. Applications include agricultural, power transmission equipment, and conveyor systems. Aetna V-belt idlers are generally used as tensioners or direction changers. Permanently lubricated and sealed against grime and dirt. Fit into existing designs with little or no engineering changes, or are readily adapted to new designs.

ADVANTAGES

- Over-size, factory packed lubricant chamber assures maximum life and operating efficiency without troublesome relubrication
- Case hardened to resist belt abrasion
- Available for most common V-belt sizes
- Bearing races are hardened to resist wear, outers and inner are accurately formed for smooth running
- Aetna's self-contouring, free-running, self-wiping seal provides positive contact under all conditions of misalignment
- Full ball complement for high durability

Flat Single Flange Idlers



PART NO.	UNIT	A	B	C	D	E	F	G	H	WEIGHT (LBS)
AG2365-1AM*	Inch	.516/.522	1-3/16	2-3/4	3-1/2	1-1/2	1-11/16	.190	1.125	1.03
	mm	13.106/13.258	30.162	69.85	88.9	38.1	42.862	4.826	28.575	0.467
AG2365-A	Inch	.516/.522	1-3/16	2-3/4	3-1/2	1-1/2	1-11/16	.190	1.125	1.03
	mm	13.106/13.258	30.162	69.85	88.9	38.1	42.862	4.826	28.575	0.467

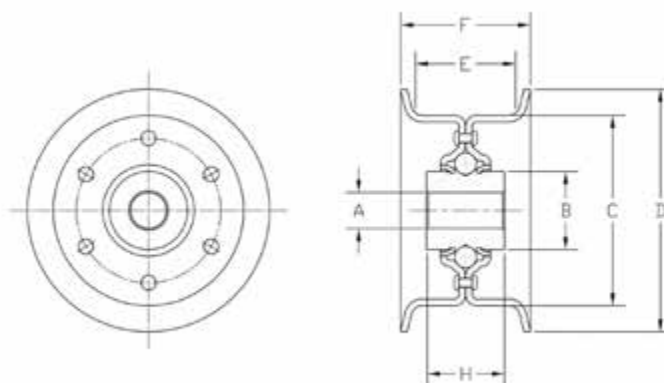
**Includes Felt & Slinger Seals*

Flat Flanged Idler Pulleys (4 Point Heavy Duty)



Finer Power Transmissions P/L | www.finerpt.com

Flat Flanged Idlers



PART NO.	UNIT	A	B	C	D	E	F	G	H	WEIGHT (LBS / kg)
AG2352	Inch	.643/.649	1-3/16	2-7/8	3-1/4	11/16	27/32	.144	.750	.70
	mm	16.332/16.484	30.162	73.025	82.55	17.462	21.431	3.657	19.05	.317
AG2352-A	Inch	.516/.522	1-3/16	2-7/8	3-1/4	11/16	27/32	.144	.750	.73
	mm	13.106/13.258	46.037	73.025	82.55	17.462	24.431	3.657	19.05	.331
AG2354-AS	Inch	.516/.522	15/16	2-3/4	3-7/16	1	1-13/32	.144	1.125	.68
	mm	13.106/13.258	23.812	69.85	87.312	25.4	35.718	3.657	28.575	.308
AG2354-FK	Inch	.516/.522	15/16	2-3/4	3-7/16	1	1-13/32	.144	.927	.61
	mm	13.106/13.258	23.812	69.85	87.312	25.4	35.718	3.657	23.545	.276
AG2362-A*	Inch	.516/.522	1-3/16	2-3/4	3-1/2	1-1/2	1-7/8	.190	1.125	1.51
	mm	13.106/13.258	46.037	69.85	88.9	38.1	47.625	4.826	28.575	.684
AG2362-S*	Inch	.643/.649	1-3/16	2-3/4	3-1/2	1-1/2	1-7/8	.190	1.125	1.44
	mm	16.332/16.484	46.037	69.85	88.9	38.1	47.625	4.826	28.575	.653
AG2366-AS	Inch	.516/.522	1-1/8	2-7/8	3-1/4	11/16	27/32	.144	1.125	.75
	mm	13.106/13.258	28.575	73.025	82.55	17.462	21.431	3.657	28.575	.340
AG2413	Inch	.643/.649	7/8	4	4-29/64	1-1/8	1-3/8	.144	.927	1.25
	mm	16.332/16.484	22.225	101.6	113.109	28.575	34.925	3.657	23.545	.566
AG2413-A	Inch	.516/.522	7/8	4	4-29/64	1-1/8	1-3/8	.144	.927	1.28
	mm	13.106/13.258	22.225	101.6	113.109	28.575	34.925	3.657	23.545	.580
AG2452	Inch	.643/.649	7/8	4-1/4	4-5/8	3/4	1-1/32	.144	.927	1.21
	mm	16.332/16.484	22.225	107.95	117.475	19.05	26.193	3.657	23.545	0.548
AG2452-A	Inch	.516/.522	7/8	4-1/4	4-5/8	3/4	1-1/32	.144	.927	1.24
	mm	13.106/13.258	22.225	107.95	117.475	19.05	26.193	3.657	23.545	0.562
AG2613	Inch	.643/.649	7/8	6	7	1	1-3/8	.144	.927	2.00
	mm	16.332/16.484	22.225	152.4	177.8	25.4	34.925	3.657	23.545	0.907
AG2613-13**	Inch	.643/.649	7/8	6	7	1	1	.144	.927	2.03
	mm	16.332/16.484	22.225	152.4	177.8	25.4	25.4	3.657	23.545	.920
AG2613-A	Inch	.516/.522	7/8	6	7	1	1-3/8	.144	.927	2.03
	mm	13.106/13.258	22.225	152.4	177.8	25.4	34.925	3.657	23.545	.920
AG2814	Inch	.643/.649	7/8	8	8-3/4	1-1/8	1-19/32	.144	.927	3.38
	mm	16.332/16.484	22.225	203.2	222.25	28.575	40.481	3.657	23.545	1.553

*Extra Heavy Gauge Steel

**Zinc Plated with Oil Dip

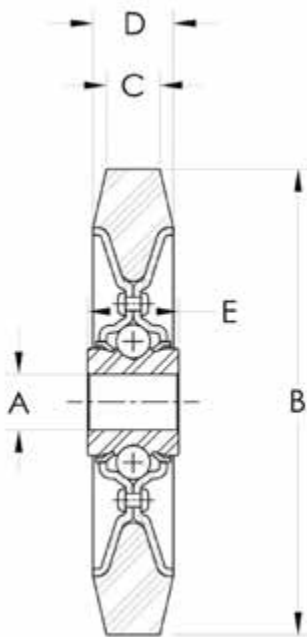
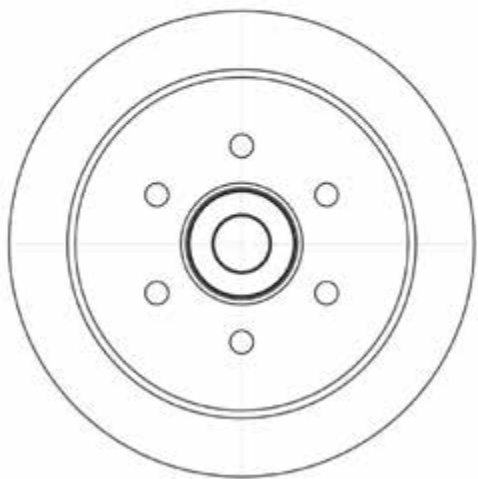
Tyre Idler Pulleys

Tyre Idlers

Aetna rubber tire idlers share the same design advantages as standard Aetna idlers and are furnished with a SBR or EPDM rubber tires. They provide long life under demanding conditions and are installed with standard 1/2 or 5/8 bolts. Typically used in luggage handling carousels, belt conveyor systems and agricultural planters. They can be used as non-destructive belt tighteners to reduce wear on soft drive belts.

ADVANTAGES

- Over-size, factory packed lubricant chamber assures maximum life and operating efficiency without troublesome relubrication
- Bearing races are hardened to resist wear, outers and inner are accurately formed for smooth running
- Aetna's self-contouring, free-running, self-wiping seal provides positive contact under all conditions of misalignment
- Full ball complement for high durability

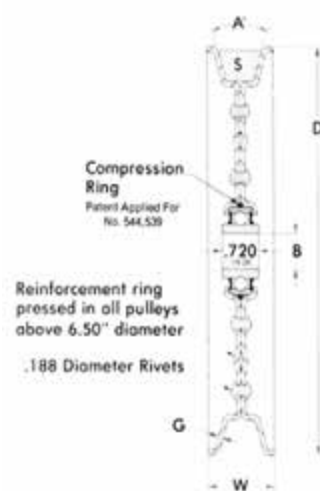


PART NO.	UNIT	BORE (A)	TYRE OD (B)	TYRE WIDTH (C)	OUTER WIDTH (D)	INNER WIDER (E)	WEIGHT (LBS / kg)
AG2341-ALS	Inch	.630/.636	4-1/4	19/32	7/8	13/16	.74
	mm	16.002/16.154	107.95	15.081	22.225	20.637	.335
AG2341-ALE	Inch	.630/.636	4-1/4	19/32	7/8	13/16	.74
	mm	16.002/16.154	107.95	15.081	22.225	20.637	.335
AG2342-A2T	Inch	.516/.522	4-1/4	19/32	7/8	13/16	.80
	mm	13.106/14.020	107.95	15.081	22.225	20.637	.362

Single Row Bearing Idler Pulleys

Don Dye pressed steel pulleys are designed to make a complete, economical, self contained unit for either flat or "V" side of belt. They are furnished with a single-row, radial-type, highest quality precision ground, pre-lubricated ball bearing (made of 52100 bearing steel) with contact-type seals to insure positive retention of lubricant and full protection against dirt, dust or foreign matter. These bearings contain a 60% fill of high temperature grease, no re-lubrication required. The ball bearing inner ring is extended on both sides to provide clearance for abutting parts and greater support on the shaft. A compression ring (USA Patent No. 4518372) is compressed between the center O.D. of bearing and center I.D. of pulley bearing pocket to assure a firm reliable fit of pulleys to bearing. This helps distribute loads from the pulley more evenly to the outer bearing race resulting in minimum distortion of bearing O.D. Our tests have proven this method of bearing installation to give longer and more reliable bearing life. With little or no alterations, these belt pulleys can be adapted to new designs or to existing machine.

V-Belt Idlers



APPLICATIONS FOR IDLER PULLEYS

Accurately bore sized for easy, quick mounting on standard 1/2" or 5/8" bolts (1/2" bore removable sleeve std. in all pulleys) 3/8" sleeve is available if requested.

Pulleys are riveted for strength and durability- No spot welding is used.

Feature smoothly rolled out edges which eliminate belt chafing and scuffing

"Weep Holes" on the rivet circle allow water drainage when the pulley is mounted in a horizontal position.

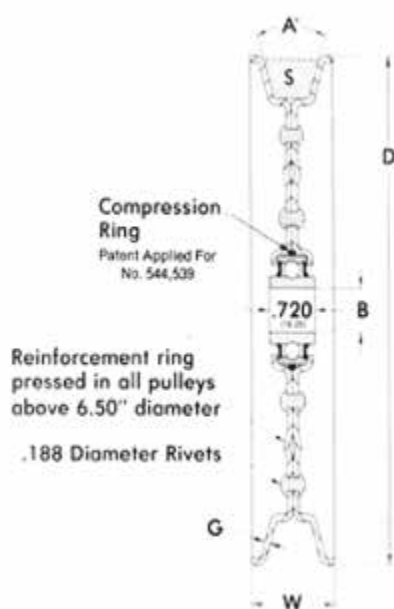
Zinc Plated

PART NO.	UNIT	INC. ANGLE (A)	BORE (B)	OUTSIDE DIAMETER (D)	PULLEY WIDTH (W)	BELT SIZE	ROWS OF RIVETS	NO. OF RIVETS	GA. MAT. (G)	WEIGHT (LBS / kg)
AVI-40	Inch	32	Fitted with 1/2" Removable Reduction Bush - 3/8" Bush Available	2.5	0.63	A	1	6	14	0.46
	mm			63.5	16.00					0.20
56RG-54	Inch	34		3.50	0.86	A	1	6	14	0.66
	mm			88.9	21.84					0.30
AVI-56	Inch	34		3.50	0.86	A	1	6	14	0.66
	mm			88.9	21.84					0.30
AVI-64	Inch	34		4.00	0.84	A	1	6	14	0.77
	mm			101.60	21.33					0.35
BVI-60	Inch	34		3.75	0.96	B	1	6	14	0.69
	mm			95.25	24.38					0.31
BVI-70	Inch	32		4.37	1.00	B	1	6	14	0.88
	mm			110.99	25.40					0.40
ABVI-80*	Inch	34		5.00	1.00	A,B	1	6	14	1.12
	mm			127.00	25.40					0.51

V-Belt Idler Pulleys (Single Row Bearing)

Single Row Bearing Idler Pulleys

V-Belt Idlers Cont.

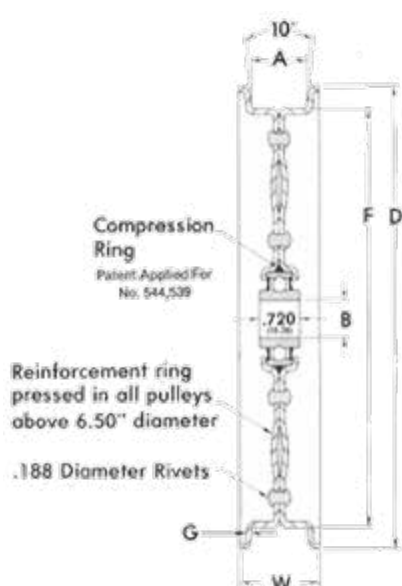


PART NO.	UNIT	INC. ANGLE (A)	BORE (B)	OUTSIDE DIAMETER (D)	PULLEY WIDTH (W)	BELT SIZE	ROWS OF RIVETS	NO. OF RIVETS	GA. MAT. (G)	WEIGHT (LBS / kg)
BVI-80	Inch	32	Fitted with 1/2" Removable Reduction Bush - 3/8" Bush Available	5.00	1.00	B	2	18	14	1.12
	mm			127.00	25.40					0.51
BCVI-81	Inch	32		5.06	1.31	B,C	1	6	14	1.12
	mm			128.59	33.27					0.51
CVI-84	Inch	32		5.25	1.31	C	2	18	14	1.23
	mm			133.35	33.27	C	2	18	14	0.56
BVI-100	Inch	32		6.25	1.00	B	2	18	14	1.62
	mm			158.75	25.40					0.73
CVI-100	Inch	32		6.25	1.31	C	2	18	14	1.68
	mm			158.75	33.72					0.76
BVI-108	Inch	32		6.75	1.00	B	2	18	14	1.82
	mm			171.45	25.40					0.83
BCVI-117	Inch	32		7.31	1.31	B,C	2	18	14	2.14
	mm			185.67	33.27					0.97
CVI-117	Inch	32		7.31	1.31	C	2	18	14	2.11
	mm			185.67	33.27					0.91
5VI-128	Inch	38		8.047	1.06	5V	2	18	14	2.25
	mm			204.39	26.97					1.02
5VI-137	Inch	38		8.56	1.12	5V	2	18	14	2.56
	mm			217.42	28.44					1.16
CVI-144	Inch	32		9.00	1.31	C	2	18	14	3.05
	mm			228.60	33.27					1.38
5VI-152	Inch	38		9.50	1.12	5V	2	18	14	3.26
	mm			241.30	28.44					1.48

Single Row Bearing Idler Pulleys

Don Dye pressed steel pulleys are designed to make a complete, economical, self contained unit for either flat or "V" side of belt. They are furnished with a single-row, radial-type, highest quality precision ground, pre-lubricated ball bearing (made of 52100 bearing steel) with contact-type seals to insure positive retention of lubricant and full protection against dirt, dust or foreign matter. These bearings contain a 60% fill of high temperature grease, no re-lubrication required. The ball bearing inner ring is extended on both sides to provide clearance for abutting parts and greater support on the shaft. A compression ring (USA Patent No. 4518372) is compressed between the center O.D. of bearing and center I.D. of pulley bearing pocket to assure a firm reliable fit of pulleys to bearing. This helps distribute loads from the pulley more evenly to the outer bearing race resulting in minimum distortion of bearing O.D. Our tests have proven this method of bearing installation to give longer and more reliable bearing life. With little or no alterations, these belt pulleys can be adapted to new designs or to existing machine.

Flat Flanged Idlers



APPLICATIONS FOR IDLER PULLEYS

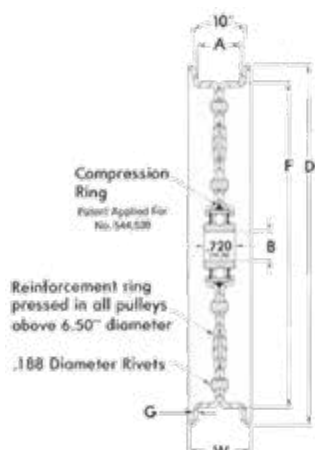
Accurately bore sized for easy, quick mounting on standard 1/2" or 5/8" bolts (1/2" bore removable sleeve std. in all pulleys) 3/8" sleeve is available if requested.
Pulleys are riveted for strength and durability- No spot welding is used.
Feature smoothly rolled out edges which eliminate belt chafing and scuffing
"Weep Holes" on the rivet circle allow water drainage when the pulley is mounted in a horizontal position.
Zinc Plated

PART NO.	UNIT	FACE WIDTH (A)	BORE (B)	OUTSIDE DIAMETER (D)	PULLEY WIDTH (W)	FACE DIAMETER (F)	ROWS OF RIVETS	NO. OF RIVETS	GA. MAT. (G)	WEIGHT (LBS / kg)
26FFI-52	Inch	1.61	Fitted with 1/2" Removable Reduction Bush - 3/8" Bush Available	3.25	2.06	3.25	1	6	14	0.75
	mm	40.89		82.55	52.32	82.55				0.34
ABFI-54	Inch	.74		3.35	1.12	2.75	1	6	14	0.75
	mm	18.80		85.10	28.45	69.85				0.34
ABFI-64	Inch	0.75		4.00	1.12	3.38	1	6	14	0.83
	mm	19.05		101.60	28.44	85.85				0.38
26FI-64	Inch	1.62		4.00	2.06	3.38	1	6	14	1.00
	mm	41.15		101.6	52.32	85.85				0.45
ABFI-76	Inch	0.75		4.75	1.12	4.00	2	18	14	1.09
	mm	19.05		120.65	28.44	101.60				0.49
BCFI-76	Inch	1.00		4.75	1.43	4.00	2	18	14	1.14
	mm	25.40		120.65	36.51	01.60				0.52
GAISFI-88	Inch	0.62		5.5	0.85	5	2	18	14	1.32
	mm	15.87		139.7	21.6	127				0.60
BCFI-92	Inch	1.00		5.75	1.43	5.00	2	18	14	1.55
	mm	25.40		146.05	36.51	127.00				0.7
FPB2A-92	Inch	1.31		5.75	1.75	5.00	2	18	14	1.7
	mm	33.27		146.05	44.45	127.00				0.77

Flat Flanged Idler Pulleys (Single Row Bearing)

Single Row Bearing Idler Pulleys

Flat Flanged Idlers Cont.



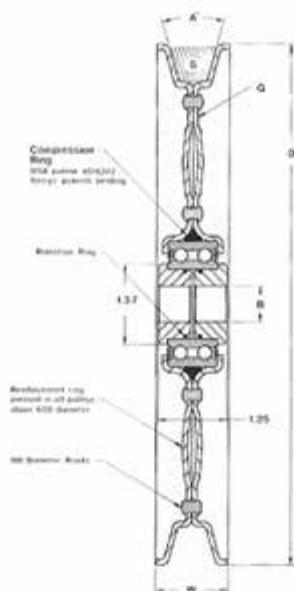
PART NO.	UNIT	FACE WIDTH (A)	BORE (B)	OUTSIDE DIAMETER (D)	PULLEY WIDTH (W)	FACE DIAMETER (F)	ROWS OF RIVETS	NO. OF RIVETS	GA. MAT. (G)	WEIGHT (LBS / kg)
26FI-92	Inch	1.62	Fitted with 1/2" Removable Reduction Bush - 3/8" Bush Available	5.75	2.06	5.00	2	18	14	1.75
	mm	41.14		146.05	52.39	127.00				0.79
32FI-92	Inch	2.00		5.75	2.43	5.00	2	18	14	1.85
	mm	50.80		146.05	61.91	127.00				0.84
ABFI-100	Inch	0.75		6.25	1.18	5.50	2	18	14	1.68
	mm	19.05		158.75	30.16	139.70				0.76
BCFI-100	Inch	1.00		6.25	1.43	5.50	2	18	14	1.75
	mm	25.40		158.75	36.51	139.70				0.79
24FFI-104	Inch	1.50		6.50	1.50	6.50	2	18	14	2.125
	mm	38.10		165.10	38.1	165.1				0.963
ABFI-108	Inch	0.75		6.75	1.18	6.00	2	18	14	1.91
	mm	19.05		171.45	30.16	152.40				0.87
BCFI-108	Inch	1.00		6.75	1.43	6.00	2	18	14	1.97
	mm	25.40		171.45	36.51	152.40				0.89
26FI-108	Inch	1.62		6.75	2.06	6.00	2	18	14	2.19
	mm	41.28		171.45	52.39	152.40				0.99
BCFI-124	Inch	1.00		7.75	1.43	7.00	2	18	14	2.46
	mm	25.40		196.85	36.51	177.80				1.12
32FFI-128	Inch	2.00		8.00	2.00	8.00	2	18	14	3.25
	mm	50.80		203.2	50.80	203.2				1.47
BCFI-140	Inch	1.00		8.75	1.43	8.00	2	18	14	3.01
	mm	25.40		222.25	36.51	203.20				1.37
DFI-144	Inch	1.50		9	1.93	8.00	2	18	14	3.36
	mm	38.10		228.6	49.21	203.20				1.52
32FI-144	Inch	2.00		9	2.43	8.00	2	18	14	3.56
	mm	50.80		228.6	61.91	203.20				1.61
DFI-176	Inch	1.50		11	1.93	10.00	2	18	14	4.71
	mm	38.10		279.4	49.31	254				4.71

Double Row Bearing Idler Pulleys

This Don Dye line of heavy duty double row ball bearing flat, flanged, and V groove idlers was developed to handle heavier loads that exceed the capacity of single row ball bearing idlers. The double row idlers are more stable when side loads or off center loads occur.

They are available with 3/8", 1/2", 5/8" and 3/4" bolt mounting. These riveted idlers are constructed from 13 gauge material. The high quality precision bearings made of 52100 bearing steel are pre-lubricated, have contact type seals for retention of high temperature lubricant to ensure protection against dust, dirt or other foreign matter. No re-lubrication is required. A compression ring is compressed between center of O.D. of bearing and center I.D. of pulley bearing pocket to assure a firm reliable fit of pulley more evenly to the outer bearing race resulting in minimum distortion of bearing O.D. (USA patent 4518372 foreign patents pending). Our tests have proven this method of bearing installation to give longer and more reliable bearing life.

V-Belt Idlers



APPLICATIONS FOR IDLER PULLEYS

Accurately bore sized for easy, quick mounting on standard 1/2" or 5/8" bolts (1/2" bore removable sleeve std. in all pulleys) 3/8" sleeve is available if requested.

Pulleys are riveted for strength and durability- No spot welding is used.

Feature smoothly rolled out edges which eliminate belt chafing and scuffing

"Weep Holes" on the rivet circle allow water drainage when the pulley is mounted in a horizontal position.

Zinc Plated

PART NO.	UNIT	INC. ANGLE (A)	BORE (B)	OUTSIDE DIAMETER (D)	PULLEY WIDTH (W)	BELT SIZE	ROWS OF RIVETS	NO. OF RIVETS	GA. MAT. (G)	WEIGHT (LBS / kg)
2CVI-84	Inch	32°	To Suit Reduction Bush - 3/8", 1/2", 5/8, 3/4"	5.25	1.37	C	1	9	13.00	1.88
	mm			133.35	34.80					0.85
2CVI-117	Inch	32°		7.31	1.37	C	2	18	13.00	3
	mm			185.67	34.80					1.36
2CVI-144	Inch	32°		9	1.37	C	2	18	13.00	4.2
	mm			228.6	34.80					1.91

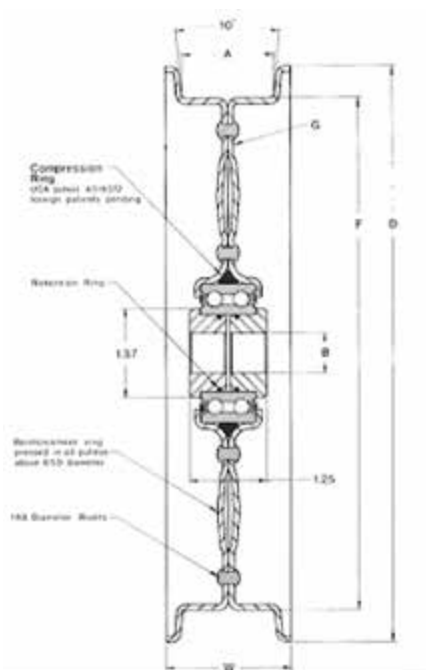
Flat Flanged Idler Pulleys (Double Row Bearing)

Double Row Bearing Idler Pulleys

This Don Dye line of heavy duty double row ball bearing flat, flanged, and V groove idlers was developed to handle heavier loads that exceed the capacity of single row ball bearing idlers. The double row idlers are more stable when side loads or off center loads occur.

They are available with 3/8", 1/2", 5/8" and 3/4" bolt mounting. These riveted idlers are constructed from 13 gauge material. The high quality precision bearings made of 52100 bearing steel are pre-lubricated, have contact type seals for retention of high temperature lubricant to ensure protection against dust, dirt or other foreign matter. No re-lubrication is required. A compression ring is compressed between center of O.D. of bearing and center I.D. of pulley bearing pocket to assure a firm reliable fit of pulley more evenly to the outer bearing race resulting in minimum distortion of bearing O.D. (USA patent 4518372 foreign patents pending). Our tests have proven this method of bearing installation to give longer and more reliable bearing life.

Flat Flanged Idlers



APPLICATIONS FOR IDLER PULLEYS

Accurately bore sized for easy, quick mounting on standard 1/2" or 5/8" bolts (1/2" bore removable sleeve std. in all pulleys) 3/8" sleeve is available if requested.

Pulleys are riveted for strength and durability- No spot welding is used.

Feature smoothly rolled out edges which eliminate belt chafing and scuffing

"Weep Holes" on the rivet circle allow water drainage when the pulley is mounted in a horizontal position.

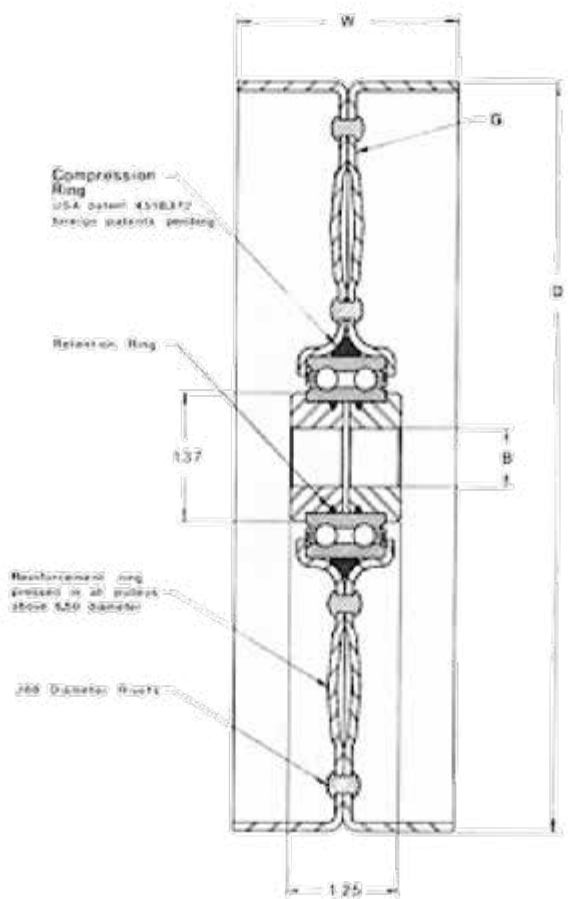
Zinc Plated

PART NO.	UNIT	FACE WIDTH (A)	BORE (B)	OUTSIDE DIAMETER (D)	PULLEY WIDTH (W)	FACE DIAMETER (F)	ROWS OF RIVETS	NO. OF RIVETS	GA. MAT. (G)	WEIGHT (LBS / kg)
2543FI-116	Inch	2.75	To Suit Reduction Bush - 3/8", 1/2", 5/8, 3/4"	7.5	3	6.5	2	18	13.00	3.64
	mm	69.85		190.5	76.2	165.1				1.65
208032092	Inch	2.00		5.75	2.48	5	2	18	13.00	2.62
	mm	50.80		146.05	63.10	127				1.19
209626108	Inch	1.62		6.75	2.06	6	2	18	13.00	3.04
	mm	41.14		171.45	52.40	152.4				1.4
209632108	Inch	2.00		6.75	2.48	6	2	18	13.00	3.27
	mm	50.80		171.45	63.10	152.4				1.48
212824144	Inch	1.50		9.00	2.03	8	2	18	13.00	4.55
	mm	38.10		228.60	51.56	203.2				2.07
212832144	Inch	2.00		9.00	2.57	8	2	18	13.00	4.89
	mm	50.80		228.60	65.27	203.2				2.22
212842160	Inch	2.62		10.00	3.31	8	2	18	13.00	6.58
	mm	66.65		254.00	84.07	203.2				2.99
212852160	Inch	3.25		10.00	3.87	8	2	18	13.00	6.81
	mm	82.55		254.00	98.30	203.02				3.09

Double Row Bearing Idler Pulleys

This Don Dye line of heavy duty double row ball bearing flat, flanged, and V groove idlers was developed to handle heavier loads that exceed the capacity of single row ball bearing idlers. The double row idlers are more stable when side loads or off center loads occur. They are available with 3/8", 1/2", 5/8" and 3/4" bolt mounting. These riveted idlers are constructed from 13 gauge material. The high quality precision bearings made of 52100 bearing steel are pre-lubricated, have contact type seals for retention of high temperature lubricant to ensure protection against dust, dirt or other foreign matter. No re-lubrication is required. A compression ring is compressed between center of O.D. of bearing and center I.D. of pulley bearing pocket to assure a firm reliable fit of pulley more evenly to the outer bearing race resulting in minimum distortion of bearing O.D. (USA patent 4518372 foreign patents pending). Our tests have proven this method of bearing installation to give longer and more reliable bearing life.

Flat Faced Idlers



APPLICATIONS FOR IDLER PULLEYS

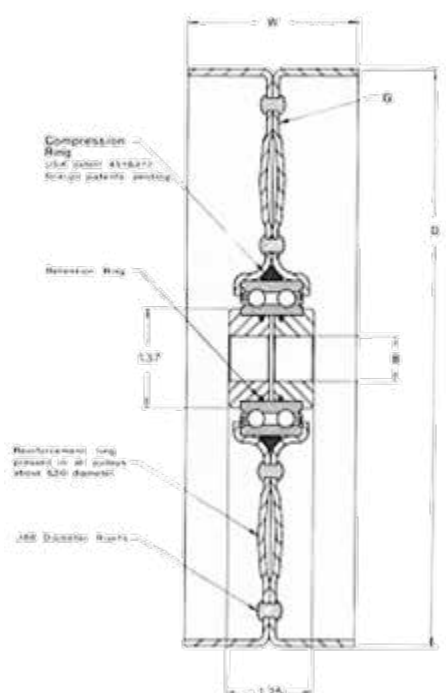
Accurately bore sized for easy, quick mounting on standard 1/2" or 5/8" bolts (1/2" bore removable sleeve std. in all pulleys) 3/8" sleeve is available if requested. Pulleys are riveted for strength and durability- No spot welding is used. Feature smoothly rolled out edges which eliminate belt chafing and scuffing "Weep Holes" on the rivet circle allow water drainage when the pulley is mounted in a horizontal position. Zinc Plated

PART NO.	UNIT	FACE WIDTH (A)	BORE (B)	OUTSIDE DIAMETER (D)	PULLEY WIDTH (W)	FACE DIAMETER (F)	ROWS OF RIVETS	NO. OF RIVETS	GA. MAT. (G)	WEIGHT (LBS / kg)
208032080	Inch	2.00	To Suit Reduction Bush - 3/8", 1/2", 5/8, 3/4"	5.00	2.00	5.00	2	18.00	13.00	2.32
	mm	50.80		127.00	50.80	127.00				1.05
208036080	Inch	2.25		5.00	2.25	5.00	2	18.00	13.00	2.41
	mm	57.15		127.00	57.15	127.00				1.10
208040080	Inch	2.50		5.00	2.50	5.00	2	18.00	13.00	2.51
	mm	63.50		127.00	63.50	127.00				1.14
208048080	Inch	3.00		5.00	3.00	5.00	2	18.00	13.00	2.66
	mm	76.20		127.00	76.20	127.00				1.21

Flat Faced Idler Pulleys (Double Row Bearing)

Double Row Bearing Idler Pulleys

Flat Face Idlers Cont.



PART NO.	UNIT	FACE WIDTH (A)	BORE (B)	OUTSIDE DIAMETER (D)	PULLEY WIDTH (W)	FACE DIAMETER (F)	ROWS OF RIVETS	NO. OF RIVETS	GA. MAT. (G)	WEIGHT (LBS / kg)
208052080	Inch	3.25	To Suit Reduction Bush - 3/8", 1/2", 5/8, 3/4"	5.00	3.25	5.00	2	18.00	13.00	2.77
	mm	82.55		127.00	82.55	127.00				1.26
210432104	Inch	2.00		6.50	2.00	6.50	2	18.00	13.00	3.19
	mm	50.80		165.10	50.80	165.10				1.45
210436104	Inch	2.25		6.50	2.25	6.50	2	18.00	13.00	3.32
	mm	57.15		165.10	57.15	165.10				1.51
210440104	Inch	2.50		6.50	2.50	6.50	2	18.00	13.00	3.42
	mm	63.50		165.10	63.50	165.10				1.55
210448104	Inch	3.00		6.50	3.00	6.50	2	18.00	13.00	3.68
	mm	76.20		165.10	76.20	165.10				1.67
210452104	Inch	3.25		6.50	3.25	6.50	2	18.00	13.00	3.82
	mm	82.55		165.10	82.55	165.10				1.74
210456104	Inch	3.50		6.50	3.50	6.50	2	18.00	13.00	3.93
	mm	88.90		165.10	88.90	165.10				1.78
212832128	Inch	2.00		8.00	2.00	8.00	2	18.00	13.00	4.28
	mm	50.80		203.20	50.80	203.20				1.94
212840128	Inch	2.50		8.00	2.50	8.00	2	18.00	13.00	4.55
	mm	63.50		203.20	63.50	203.20				2.07
212848128	Inch	3.00		8.00	3.00	8.00	2	18.00	13.00	4.89
	mm	76.20		203.20	76.20	203.20				2.22
212852128	Inch	3.25		8.00	3.25	8.00	2	18.00	13.00	5.03
	mm	82.55		203.20	82.55	203.20				2.28

PART NO.	TYPE	DESCRIPTION	PAGE	PART NO.	TYPE	DESCRIPTION	PAGE
AG2318-A	Sprocket	1/2" Pitch 18 Tooth	1.4.40	AG2436	Sprocket	5/8" Pitch 17 Tooth	1.4.40
AG2318-S	Sprocket	1/2" Pitch 19 Tooth	1.4.40	AG2436-A	Sprocket	5/8" Pitch 17 Tooth	1.4.40
AG2321	Pulley	A Section	2.5.10	AG2437	Sprocket	3/4" Pitch 15 Tooth	1.4.40
AG2321-A	Pulley	A Section	2.5.10	AG2437-9	Sprocket	3/4" Pitch 15 Tooth	1.4.40
AG2331	Pulley	Round Belt	2.5.11	AG2437-A	Sprocket	3/4" Pitch 15 Tooth	1.4.40
AG2331-A	Pulley	Round Belt	2.5.11A	AG2437-A9	Sprocket	3/4" Pitch 15 Tooth	1.4.40
AG2341-ALE	Rubber Tyre	-	2.5.15	AG2438-1AF	Sprocket	1-1/4" Pitch 11 Tooth	1.4.39
AG2341-ALS	Rubber Tyre	-	2.5.15	AG2452	Pulley	Flat Flanged	2.5.14
AG2342-A2T	Rubber Tyre	-	2.5.15	AG2452-A	Pulley	Flat Flanged	2.5.14
AG2352	Pulley	Flat Flanged	2.5.14	AG2565-2AF	Sprocket	4.14mm Pitch 8 Tooth	1.4.39
AG2352-A	Pulley	Flat Flanged	2.5.14	AG2565-3AF	Sprocket	4.14mm Pitch 8 Tooth	1.4.39
AG2354-AS	Pulley	Flat Flanged	2.5.14	AG2566-2AF	Sprocket	4.14mm Pitch 8 Tooth	1.4.39
AG2354-FK	Pulley	Flat Flanged	2.5.14	AG2566-4AF	Sprocket	4.14mm Pitch 8 Tooth	1.4.39
AG2362-A	Pulley	Flat Flanged	2.5.14	AG2613	Pulley	Flat Flanged	2.5.14
AG2362-S	Pulley	Flat Flanged	2.5.14	AG2613-13	Pulley	Flat Flanged	2.5.14
AG2365-1AM	Pulley	Flat Single Flange	2.5.13	AG2613-A	Pulley	Flat Flanged	2.5.14
AG2365-A	Pulley	Flat Single Flange	2.5.13	AG2621	Pulley	A/B/C Section	2.5.10
AG2366-AS	Pulley	Flat Flanged	2.5.14	AG2621-A	Pulley	A/B/C Section	2.5.10
AG2367-A	Pulley	Flat Non Flanged	2.5.12	AG2721	Pulley	B/C Section	2.5.10
AG2413	Pulley	Flat Flanged	2.5.14	AG2814	Pulley	Flat Flanged	2.5.14
AG2413-A	Pulley	Flat Flanged	2.5.14	B13516-A	Pulley	B Section	2.5.6
AG2416	Sprocket	5/8" Pitch 17 Tooth	1.4.40	B13516-B	Pulley	B Section	2.5.6
AG2416-9	Sprocket	5/8" Pitch 17 Tooth	1.4.40	C15919-B9	Pulley	C Section	2.5.6
AG2416-A	Sprocket	5/8" Pitch 17 Tooth	1.4.40	F14026-B	Pulley	Flat Flanged	2.5.7
AG2416-A6	Sprocket	5/8" Pitch 17 Tooth	1.4.40	F14416-A	Pulley	Flat Flanged	2.5.7
AG2416-AP	Sprocket	5/8" Pitch 17 Tooth	1.4.40	F14416-B	Pulley	Flat Flanged	2.5.7
AG2416-B	Sprocket	1-1/4" Pitch 9 Tooth	1.4.38	F16416-B	Pulley	Flat Flanged	2.5.7
AG2417	Sprocket	3/4" Pitch x 15 Tooth	1.4.40	F16424-B6	Pulley	Flat Flanged	2.5.7
AG2417-A	Sprocket	3/4" Pitch x 15 Tooth	1.4.40	F26448-B6	Pulley	Flat Flanged	2.5.8
AG2421	Pulley	A Section	2.5.10	F26452-B9	Pulley	Flat Flanged	2.5.8
AG2421-A	Pulley	A Section	2.5.10	S24032-A	Pulley	Flat Non Flanged	2.5.9
AG2422	Sprocket	4.191mm Pitch 7 Tooth	1.4.37	S24032-B	Pulley	Flat Non Flanged	2.5.9
AG2422-1AF	Sprocket	4.14mm Pitch 7 Tooth	1.4.37	S25252-A	Pulley	Flat Non Flanged	2.5.9
AG2427	Sprocket	1-1/2" Pitch 8 Tooth	1.4.39	S25252-C	Pulley	Flat Non Flanged	2.5.9
AG2427-1AF	Sprocket	1-1/2" Pitch 8 Tooth	1.4.39	S26452-B6	Pulley	Flat Non Flanged	2.5.9
AG2427-AF	Sprocket	1-1/2" Pitch 8 Tooth	1.4.39	S28052-B	Pulley	Flat Non Flanged	2.5.9
AG2427-AM	Sprocket	1-1/2" Pitch 8 Tooth	1.4.39				



Part Number Index - Don Dye

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PART NO.	TYPE	DESCRIPTION	PAGE	PART NO.	TYPE	DESCRIPTION	PAGE
208032080	Pulley	Flat Non Flanged	2.5.22	ABFI-100	Pulley	Flat Flanged	2.5.19
208032092	Pulley	Flat Flanged	2.5.21	ABFI-108	Pulley	Flat Flanged	2.5.19
208036080	Pulley	Flat Non Flanged	2.5.22	ABFI-54	Pulley	Flat Flanged	2.5.18
208040080	Pulley	Flat Non Flanged	2.5.22	ABFI-64	Pulley	Flat Flanged	2.5.18
208048080	Pulley	Flat Non Flanged	2.5.22	ABFI-76	Pulley	A/B Section	2.5.18
208052080	Pulley	Flat Non Flanged	2.5.23	ABVI-80	Pulley	A/B Section	2.5.16
209626108	Pulley	Flat Flanged	2.5.21	AVI-40	Pulley	A Section	2.5.16
209632108	Pulley	Flat Flanged	2.5.21	AVI-56	Pulley	A Section	2.5.16
210432104	Pulley	Flat Non Flanged	2.5.23	AVI-64	Pulley	A Section	2.5.16
210436104	Pulley	Flat Non Flanged	2.5.23	BCFI-100	Pulley	Flat Flanged	2.5.19
210440104	Pulley	Flat Non Flanged	2.5.23	BCFI-108	Pulley	Flat Flanged	2.5.19
210448104	Pulley	Flat Non Flanged	2.5.23	BCFI-124	Pulley	Flat Flanged	2.5.19
210452104	Pulley	Flat Non Flanged	2.5.23	BCFI-140	Pulley	Flat Flanged	2.5.19
210456104	Pulley	Flat Non Flanged	2.5.23	BCFI-76	Pulley	Flat Flanged	2.5.18
212824144	Pulley	Flat Flanged	2.5.21	BCFI-92	Pulley	Flat Flanged	2.5.18
212832128	Pulley	Flat Non Flanged	2.5.23	BCVI-117	Pulley	B/C Section	2.5.17
212832144	Pulley	Flat Flanged	2.5.21	BCVI-81	Pulley	B/C Section	2.5.17
212840128	Pulley	Flat Non Flanged	2.5.23	BVI-100	Pulley	B Section	2.5.17
212842160	Pulley	Flat Flanged	2.5.21	BVI-108	Pulley	B Section	2.5.17
212848128	Pulley	Flat Non Flanged	2.5.23	BVI-60	Pulley	B Section	2.5.16
212852128	Pulley	Flat Non Flanged	2.5.23	BVI-70	Pulley	B Section	2.5.16
212852160	Pulley	Flat Flanged	2.5.21	BVI-80	Pulley	B Section	2.5.17
24FFI-104	Pulley	Flat Non Flanged	2.5.19	CVI-100	Pulley	C Section	2.5.17
26FFI-52	Pulley	Flat Non Flanged	2.5.18	CVI-117	Pulley	C Section	2.5.17
26FI-108	Pulley	Flat Flanged	2.5.19	CVI-144	Pulley	C Section	2.5.17
26FI-64	Pulley	Flat Flanged	2.5.8	CVI-84	Pulley	C Section	2.5.17
26FI-92	Pulley	Flat Flanged	2.5.19	DFI-144	Pulley	Flat Flanged	2.5.19
2CVI-117	Pulley	C Section	2.5.20	DFI-176	Pulley	Flat Flanged	2.5.19
2CVI-144	Pulley	C Section	2.5.20	FPB2A-92	Pulley	Flat Flanged	2.5.18
2CVI-84	Pulley	C Section	2.5.20	GAISFI-88	Pulley	Flat Flanged	2.5.18
2S43FI-116	Pulley	Flat Flanged	2.5.21	TABVI-80Plain	Pulley	A/B Section	2.5.16
32FFI-128	Pulley	Flat Non Flanged	2.5.19	3/8-006	Pulley	Reduction Insert	-
32FI-144	Pulley	Flat Flanged	2.5.19	1/2-008	Pulley	Reduction Insert	-
32FI-92	Pulley	Flat Flanged	2.5.19	3/8-106	Pulley	Reduction Insert	-
56RG-54	Pulley	A Section	2.5.16	1/2-108	Pulley	Reduction Insert	-
5VI-128	Pulley	5V Section	2.5.17	5/8-110	Pulley	Reduction Insert	-
5VI-137	Pulley	5V Section	2.5.17	3/4-112	Pulley	Reduction Insert	-
5VI-152	Pulley	5V Section	2.5.17	-	-	-	-