

**POWERGRIP® GT pulleys**

**2mm pitch, 6mm belt**

**Aluminium parallel bore**

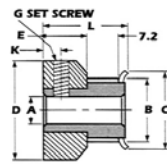


Fig. 1F

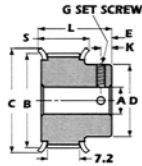


Fig. 6F

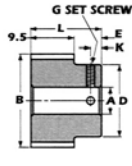
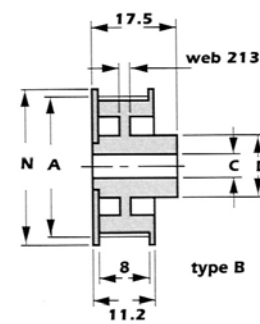


Fig. 6



**POWERGRIP® GT pulleys**

**2mm pitch, 6mm belt**

**Moulded Metric**

No. Teeth	Type	Pitch Dia.	Bore Dia. A	Outside Dia. B	Flange Dia. C	Hub Dia. D	Boss Proj'n E	Overall Length L	Set screw G	Pos'n K	Catalogue No.
12	1F	7.6	3	7.1	12.2	12.2	6	14.3	M2	2.8	12-2MR-06
13	1F	8.3	3	7.8	12.8	12.8	6	14.3	M2	2.8	13-2MR-06
14	1F	8.9	3	8.4	13.5	13.5	6	14.3	M2	2.8	14-2MR-06
15	1F	9.6	4	9.1	14.1	14.1	6	14.3	M2.5	2.8	15-2MR-06
16	1F	10.2	4	9.7	14.7	14.7	6	14.3	M2.5	2.8	16-2MR-06
17	6F	10.8	4	10.3	16.1	7.9	6	15.9	M2.5	2.8	17-2MR-06
18	6F	11.5	4	11.0	16.1	9.2	6	15.9	M2.5	2.8	18-2MR-06
19	6F	12.3	4	11.6	16.1	9.9	6	15.9	M2.5	2.8	19-2MR-06
20	6F	12.7	4	12.2	16.1	9.9	6	15.9	M2.5	2.8	20-2MR-06
21	6F	13.4	4	12.9	17.4	9.9	6	15.9	M2.5	2.8	21-2MR-06
22	6F	14.0	4	13.5	18.0	9.9	6	15.9	M2.5	2.8	22-2MR-06
24	6F	15.3	6	14.8	18.8	11.2	7.5	17.4	M3	4	24-2MR-06
25	6F	15.9	6	15.4	20.1	11.9	7.5	17.4	M3	4	25-2MR-06
26	6F	16.6	6	16.1	20.7	12.5	7.5	17.4	M3	4	26-2MR-06
28	6F	17.8	6	17.3	21.3	12.5	7.5	17.4	M3	4	28-2MR-06
30	6F	19.1	6	18.6	22.7	13.9	7.5	17.4	M3	4	30-2MR-06
32	6F	20.4	6	19.9	24.0	15.2	7.5	17.4	M3	4	32-2MR-06
36	6F	23.0	6	22.5	25.4	17.2	7.5	17.4	M3	4	36-2MR-06
40	6F	25.5	6	25.0	28.1	19.2	8	18.3	M3	4	40-2MR-06
42	6F	26.7	6	26.2	30.7	20.5	8	18.3	M3	4	42-2MR-06
44	6F	28.0	6	27.5	32.0	21.8	8	18.3	M3	4	44-2MR-06
45	6F	28.6	6	28.1	34.0	22.9	8	18.3	M3	4	45-2MR-06
48	6F	30.6	6	30.0	36.1	23.8	8	18.3	M3	4	48-2MR-06
50	6F	31.8	6	31.3	37.3	23.8	8	18.3	M3	4	50-2MR-06
56	6F	35.7	6	35.2	40.0	26.2	8	18.3	M3	4	56-2MR-06
60	6F	38.2	6	37.7	43.9	31.0	8	18.3	M3	4	60-2MR-06
62	6	39.5	6	39.0	-	29.2	9.5	19.1	M3	4	62-2MR-06
68	6	43.3	6	42.8	-	30.4	9.5	19.1	M3	5	68-2MR-06
72	6	45.8	6	45.3	-	30.4	9.5	19.1	M3	5	72-2MR-06
74	6	47.1	8	46.6	-	30.9	9.5	19.1	M4	5	74-2MR-06
80	6	51.0	8	50.5	-	38.1	9.5	19.1	M4	5	80-2MR-06
90	6	57.3	8	56.8	-	38.1	9.5	19.1	M4	5	90-2MR-06
100	6	63.7	8	63.2	-	38.1	9.5	19.1	M4	5	100-2MR-06
120	6	76.4	10	75.9	-	38.1	9.5	19.1	M5	5	120-2MR-06

**Material**

Aluminium H14

All dimensions in mm

Bore tolerances to -0, +0.025mm

12T to 16T pullet 1 set screw large have 2 at 90°

No. Teeth	Pitch Dia.	Outside Dia. A	Bore Dia. B	Flange Dia. C	Boss Dia. D	Catalogue No.
12	7.6	7.1	4	12	11	P12-2MR-06
13	8.3	7.8	4	13	11	P13-2MR-06
14	8.9	8.4	4	13	11	P14-2MR-06
15	9.6	9.1	4	14	11	P15-2MR-06
16	10.2	9.7	4	15	11	P16-2MR-06
18	11.5	11.0	6	16	13	P18-2MR-06
20	12.7	12.2	6	17	13	P20-2MR-06
21	13.4	12.9	6	18	13	P21-2MR-06
22	14.0	13.5	6	19	13	P22-2MR-06
24	15.3	14.8	6	20	13	P24-2MR-06
28	17.8	17.3	8	22	17.5	P28-2MR-06
30	19.1	18.6	8	24	17.5	P30-2MR-06
32	20.4	19.9	8	25	17.5	P32-2MR-06
36	23.0	22.5	8	28	17.5	P36-2MR-06
40	25.5	25.0	8	30	17.5	P40-2MR-06
42	26.7	26.2	8	31	17.5	P42-2MR-06
44	28.0	27.5	8	33	17.5	P44-2MR-06
45	30.6	30.1	8	35	17.5	P45-2MR-06
60	38.2	37.7	8	43	17.5	P60-2MR-06
65	41.4	40.9	8	46	17.5	P65-2MR-06
72	45.8	45.3	8	51	17.5	P72-2MR-06
80	51.0	50.5	8	56	17.5	P80-2MR-06
90	57.3	56.8	8	63	17.5	P90-2MR-06
100	63.7	63.2	8	69	17.5	P100-2MR-06
110	70.0	69.5	8	75	17.5	P110-2MR-06
120	76.4	75.9	8	82	17.5	P120-2MR-06
130	82.8	82.3	8	88	17.5	P130-2MR-06

\* no web 12t to 40t inclusive

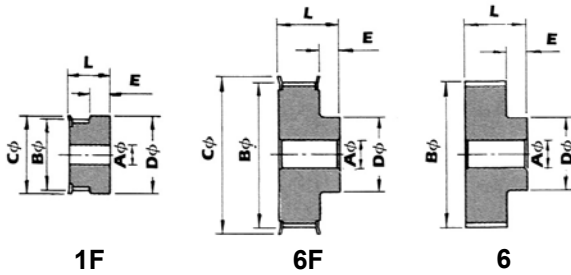
**Material**

Moulded polycarbonate, glass filled. All dimensions in mm. Bore tolerances to -0, +0.025mm. Working temperature range -40°C to +80°C

**POWERGRIP® GT pulleys**

**3mm pitch, 9mm belt**

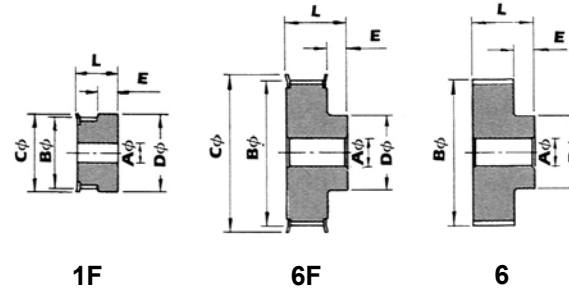
**Parallel bore**



**POWERGRIP® GT pulleys**

**3mm pitch, 15mm belt**

**Parallel bore**



No. Teeth	Type	Flange	Pitch Dia.	Bore Dia. A	Outside Dia. B	Flange Dia. C	Boss Dia. D	Boss Projection E	Overall Length L	Catalogue No.
10	1F	WITH FLANGES	9.55	-	8.79	13	13	7.3	17.5	10-3MR-09
12	1F		11.46	-	10.7	15	15	7.3	17.5	12-3MR-09
14	1F		13.37	-	12.61	16	16	7.3	17.5	14-3MR-09
15	1F		14.32	-	3.56	17.5	17.5	7.3	17.5	15-3MR-09
16	6F		15.28	4	14.52	18	10	7.8	20.6	16-3MR-09
18	6F		17.19	6	16.43	19.5	11	7.8	20.6	18-3MR-09
20	6F		19.1	6	18.34	23	13	7.8	20.6	20-3MR-09
21	6F		20.5	6	19.29	25	14	7.8	20.6	21-3MR-09
22	6F		21.10	6	20.25	25	14	7.8	20.6	22-3MR-09
24	6F		22.92	6	22.16	25	14	7.8	20.6	24-3MR-09
26	6F		24.83	6	24.70	28	16	7.8	20.6	26-3MR-09
28	6F		26.74	6	25.98	32	18	7.8	20.6	28-3MR-09
30	6F		28.65	6	27.89	32	20	7.8	20.6	30-3MR-09
32	6F		30.56	6	29.80	36	22	7.8	20.6	32-3MR-09
36	6F	34.38	6	33.62	38	26	8.8	22.2	36-3MR-09	
40	6F	38.20	6	37.44	42	28	8.8	22.2	40-3MR-09	
44	6F	42.2	6	41.26	48	33	8.8	22.2	44-3MR-09	
48	6	WITHOUT FLANGES	45.84	8	45.80	-	33	8.8	22.2	48-3MR-09
60	6		57.30	8	56.54	-	33	8.8	22.2	60-3MR-09
72	6		68.75	8	67.99	-	33	8.8	22.2	72-3MR-09

No. Teeth	Type	Flange	Pitch Dia.	Bore Dia. A	Outside Dia. B	Flange Dia. C	Boss Dia. D	Boss Projection E	Overall Length L	Catalogue No.
10	1F	WITH FLANGES	9.55	-	8.79	13	13	9	26	10-3MR-15
12	1F		11.46	-	10.0	15	15	9	26	12-3MR-15
14	1F		13.37	-	12.61	16	16	9	26	14-3MR-15
15	1F		14.32	-	13.56	17.5	17.5	9	26	15-3MR-15
16	6F		15.28	4	14.52	18	10	6.5	26	16-3MR-15
18	6F		17.19	6	16.43	19.5	11	6.5	26	18-3MR-15
20	6F		19.1	6	18.34	23	13	6.5	26	20-3MR-15
21	6F		20.5	6	19.29	25	14	6.5	26	21-3MR-15
22	6F		21.10	6	20.25	25	14	6.5	26	22-3MR-15
24	6F		22.92	6	22.16	25	14	6.5	26	24-3MR-15
26	6F		24.83	6	24.70	28	16	6.5	26	26-3MR-15
28	6F		26.74	6	25.98	32	18	6.5	26	28-3MR-15
30	6F		28.65	6	27.89	32	20	6.5	26	30-3MR-15
32	6F		30.56	6	29.80	36	22	6.5	26	32-3MR-15
36	6F	34.38	6	33.62	38	26	10	30	36-3MR-15	
40	6F	38.20	6	37.44	42	28	10	30	40-3MR-15	
44	6F	42.2	6	41.26	48	33	10	30	44-3MR-15	
48	6	WITHOUT FLANGES	45.84	8	45.80	-	33	10	30	48-3MR-15
60	6		57.30	8	56.54	-	33	10	30	60-3MR-15
72	6		68.75	8	67.99	-	33	10	30	72-3MR-15

**Material**

Aluminium H14

All dimensions in mm  
Bore tolerances to H8 limits

We recommend the use of Tran-torque bushes as an alternative method of holding pulleys with parallel bores on parallel shafts- full details available on request

**Material**

Aluminium H14

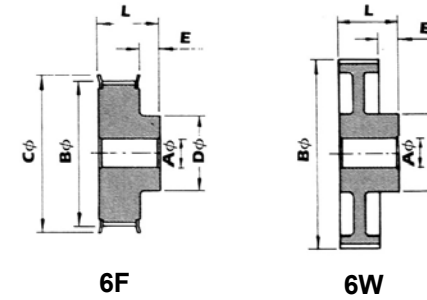
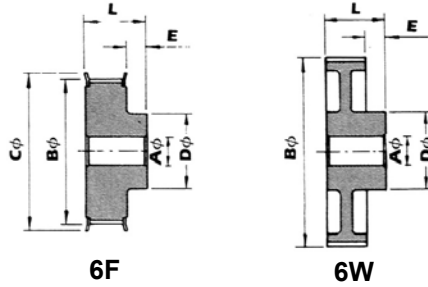
All dimensions in mm  
Bore tolerances to H8 limits

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**POWERGRIP® GT pulleys**

**5mm pitch, 9mm belt**

**Parallel bore**



**POWERGRIP® GT pulleys**

**5mm pitch, 15mm belt**

**Parallel bore**

No. Teeth	style	Mat	Flange	Pitch Dia.	Bore Dia. A	Outside Dia. B	Flange Dia. C	Boss Dia. D	Boss Projection E	Overall Length L	Catalogue No.
12	6F	STEEL	WITH FLANGES	19.1	4	17.96	23	13	5.5	20	12-5MR-09
14	6F			22.28	6	21.14	25	14	5.5	20	14-5MR-09
15	6F			23.87	6	22.73	28	16	5.5	20	15-5MR-09
16	6F			25.46	6	24.32	28	16.5	5.5	20	16-5MR-09
18	6F			28.65	6	27.51	32	20	5.5	20	18-5MR-09
20	6F			31.83	6	30.69	36	23	8	22.5	20-5MR-09
21	6F			33.42	6	32.28	38	24	8	22.5	21-5MR-09
22	6F			35.1	6	33.87	38	25.5	8	22.5	22-5MR-09
24	6F			38.20	6	37.06	42	27	8	22.5	24-5MR-09
25	6F			39.80	8*	38.70	42.9	25.4	8	21.8	25-5MR-09
26	6F			41.38	6	40.24	44	30	8	22.5	26-5MR-09
28	6F			44.56	6	43.42	48	30.5	8	22.5	28-5MR-09
30	6F			47.75	6	46.60	51	35	8	22.5	30-5MR-09
32	6F			50.93	8	49.79	54	38	8	22.5	32-5MR-09
36	6F			57.3	8	56.16	60	38	8	22.5	36-5MR-09
40	6F			63.66	8	62.52	71	38	8	22.5	40-5MR-09
44	6F	ALUMINIUM	WITHOUT FLANGES	70.03	8	68.89	-	38	11	25.5	44-5MR-09
48	6			76.39	8	75.25	-	45	11	25.5	48-5MR-09
60	6			95.49	8	94.35	-	45	11	25.5	60-5MR-09
72	6			114.59	8	113.45	-	45	11	25.5	72-5MR-09

\* = non standard bore

No. Teeth	Style	Material	Flanges	Pitch Dia.	Bore Dia. A	Outside Dia. B	Flange Dia. C	Boss Dia. D	Boss Projection E	Overall Length L	Catalogue No.
12	6F	STEEL	WITH FLANGES	19.1	4	17.96	23	13	5.5	26	12-5MR-15
14	6F			22.28	6	21.14	25	14	5.5	26	14-5MR-15
15	6F			23.87	6	22.73	28	16	5.5	26	15-5MR-15
16	6F			25.46	6	24.32	28	16.5	5.5	26	16-5MR-15
18	6F			28.65	6	27.51	32	20	5.5	26	18-5MR-15
20	6F			31.83	6	30.69	36	23	8	26	20-5MR-15
21	6F			33.42	6	32.28	38	24	8	26	21-5MR-15
22	6F			35.1	6	33.87	38	25.5	8	26	22-5MR-15
24	6F			38.20	6	37.06	42	27	8	28	24-5MR-15
26	6F			41.38	6	40.24	44	30	8	28	26-5MR-15
28	6F			44.56	6	43.42	48	30.5	8	28	28-5MR-15
30	6F			47.75	6	46.60	51	35	8	28	30-5MR-15
32	6F			50.93	8	49.79	54	38	8	28	32-5MR-15
36	6F			57.3	8	56.16	60	38	8	28	36-5MR-15
40	6F			63.66	8	62.52	71	38	8	28	40-5MR-15
44	6F			ALUMINIUM	WITHOUT FLANGES	70.03	8	68.89	-	38	11
48	6	76.39	8			75.25	-	45	11	30	48-5MR-15
60	6	95.49	8			94.35	-	45	11	30	60-5MR-15
72	6	114.59	8			113.45	-	45	11	30	72-5MR-15

**Material**

Aluminium H14

All dimensions in mm  
Bore tolerances to H8 limits

We recommend the use of Tran-torque bushes as an alternative method of holding pulleys with parallel bores on parallel shafts- full details available on request

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