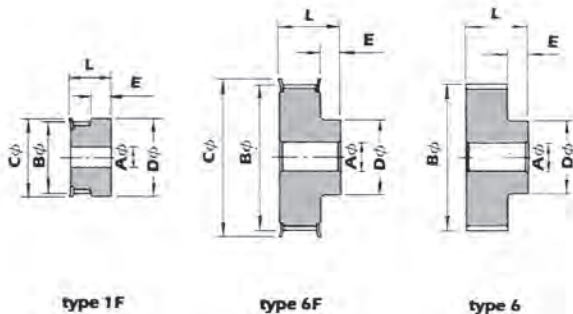


2.5mm pitch 6mm belt

Parallel bore



No. Teeth	Style	Pitch Dia.	Pilot Bore A	Outside Dia. B	Flange Dia. C	Boss Dia. D	Boss Proj. E	Overall Length L	Catalogue Ref
12	1F	9.55	SOLID	9.00	13.0	12	5	16	12-T2.5-06
14	1F	11.14	SOLID	10.60	15.0	14	5	16	14-T2.5-06
15	1F	11.94	SOLID	11.40	15.0	15	5	16	15-T2.5-06
16	1F	12.73	SOLID	12.20	16.0	16	5	16	16-T2.5-06
18	6F	14.32	4	13.80	17.5	10	6	16	18-T2.5-06
19	6F	15.12	4	14.60	18.0	10	6	16	19-T2.5-06
20	6F	15.92	4	15.40	19.5	11	6	16	20-T2.5-06
22	6F	17.51	4	17.00	23.0	11	6	16	22-T2.5-06
24	6F	19.10	4	18.55	23.0	12	6	16	24-T2.5-06
25	6F	19.89	4	19.35	23.0	13	6	16	25-T2.5-06
26	6F	20.69	4	20.15	25.0	14	6	16	26-T2.5-06
28	6F	22.28	4	21.75	25.0	14	6	16	28-T2.5-06
30	6F	23.87	6	23.35	28.0	16	6	16	30-T2.5-06
32	6F	25.46	6	24.95	32.0	16	6	16	32-T2.5-06
36	6F	28.65	6	28.10	36.0	20	6	16	36-T2.5-06
40	6F	31.83	6	31.30	38.0	22	6	16	40-T2.5-06
44	6	35.01	6	34.50	42.0	24	6	16	44-T2.5-06
48	6	38.20	6	37.70	◆	26	6	16	48-T2.5-06
60	6	47.75	8	47.25	◆	34	6	16	60-T2.5-06

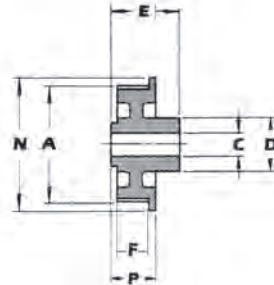
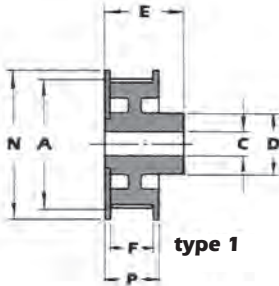
All dimensions in mm  
Bore tolerances to HB limits

Material

Aluminium H14

2.5 pitch 6 mm belt

moulded metric



No. Teeth	style	Pitch Dia. A Ø	Bore Dia. B	Outside Dia. C	Flange Dia. T	flange thick F	face width D Ø	Boss Dia. E	Boss Projection L	Overall Length	Catalogue No.
12	1	9.6	3.5	9.0	10.6	1	7.5	9	4.5	14	P 12 -T2.5-06M
13	1	10.4	3.5	9.8	11.4	1	7.5	9	4.5	14	P 13 -T2.5-06M
14	1	11.2	3.5	10.6	12.2	1	7.5	9	4.5	14	P 14 -T2.5-06M
15	1	12	3.5	11.4	13.0	1	7.5	9	4.5	14	P 15 -T2.5-06M
16	1	12.8	3.5	12.2	13.8	1	7.5	9	4.5	14	P 16 -T2.5-06M
17	1	13.6	3.5	13.0	14.6	1	7.5	9	4.5	14	P 17 -T2.5-06M
18	1	14.4	4	13.8	15.4	1	7.5	10	5.5	15	P 18 -T2.5-06M
19	1	15.2	4	14.6	16.2	1	7.5	10	5.5	15	P 19 -T2.5-06M
20	1	16.00	4	15.4	17.0	1	7.5	12	5.5	15	P 20 -T2.5-06M
22	1	17.6	4	17.0	18.6	1	7.5	12	5.5	15	P 22 -T2.5-06M
25	1	19.95	5	19.35	21.0	1	7.5	12	5.5	15	P 25 -T2.5-06M
28	1	22.35	5	21.75	23.4	1	7.5	12	5.5	15	P 28 -T2.5-06M
32	1	25.55	5	24.95	26.6	1	7.5	15	6.5	16	P 32 -T2.5-06M
36	1	28.75	5	28.15	29.8	1	7.5	15	6.5	16	P 36 -T2.5-06M
40	2	31.9	8	31.3	32.9	1	7.5	18	6.5	16	P 40 -T2.5-06M
48	2	38.3	8	37.7	39.3	1	7.5	18	6.5	16	P 48 -T2.5-06M
60	2	47.85	8	47.25	48.9	1	7.5	18	6.5	16	P 60 -T2.5-06M
72	2	57.40	8	56.8	58.4	1	7.5	18	6.5	16	P 72 -T2.5-06M
84	2	66.95	8	66.35	68.0	1	7.5	18	6.5	16	P 84 -T2.5-06M
96	2	76.50	8	75.9	77.5	1	7.5	18	6.5	16	P 96 -T2.5-06M

**Material**

Moulded polycarbonate, glass filled

Bore tolerance  $+0$   
 $+0.025$  mm

Working temperature range  
 $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$

General tolerance unless stated  
 $\pm 0.25\text{mm}$



**DSS ball detent**



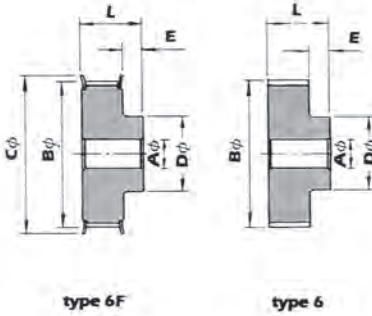
**DSR roller detent**

## **DRIVE OVERLOAD PROTECTION FROM**

**DAVALL**<sup>TM</sup>  
STOCK GEARS

5mm pitch 10mm belt

Parallel bore



type 6F

type 6

No. Teeth	Style	Pitch Dia.	Pilot Bore A	Outside Dia. B	Flange Dia. C	Boss Dia. D	Boss Proj. E	Overall Length L	Catalogue Ref
10	6F	15.92	SOLID	15.05	19.5	8	6	21	10-T5-10
12	6F	19.10	SOLID	18.25	23.0	11	6	21	12-T5-10
14	6F	22.28	SOLID	21.45	25.0	14	6	21	14-T5-10
15	6F	23.87	6	23.05	28.0	16	6	21	15-T5-10
16	6F	25.46	6	24.60	32.0	18	6	21	16-T5-10
18	6F	28.65	6	27.80	32.0	20	6	21	18-T5-10
19	6F	30.24	6	29.40	36.0	22	6	21	19-T5-10
20	6F	31.83	6	31.00	36.0	23	6	21	20-T5-10
22	6F	35.01	6	34.25	38.0	24	6	21	22-T5-10
24	6F	38.20	6	37.40	42.0	26	6	21	24-T5-10
25	6F	39.79	6	39.00	44.0	26	6	21	25-T5-10
26	6F	41.38	6	40.60	44.0	26	6	21	26-T5-10
27	6F	42.97	8	42.20	48.0	30	6	21	27-T5-10
28	6F	44.56	8	43.75	48.0	32	6	21	28-T5-10
30	6F	47.75	8	46.95	51.0	34	6	21	30-T5-10
32	6F	50.93	8	50.10	54.0	38	6	21	32-T5-10
36	6F	57.30	8	56.45	63.0	38	6	21	36-T5-10
40	6F	63.66	8	62.85	66.0	40	6	21	40-T5-10
42	6F	66.84	8	66.00	71.0	40	6	21	42-T5-10
44	6	70.03	8	69.20	-	45	6	21	44-T5-10
48	6	76.39	8	75.55	-	50	6	21	48-T5-10
60	6	95.49	8	94.65	-	65	6	21	60-T5-10

All dimensions in mm  
Bore tolerances to H8 limits

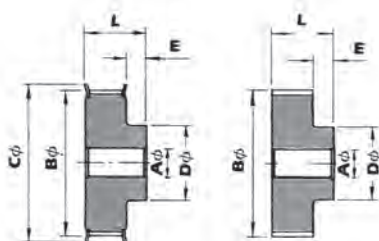
These pulleys are available for narrower belt widths. Details upon request.

**Material**

Aluminium H14

5mm pitch 16mm belt

Parallel bore



type 6F

type 6

No. Teeth	Style	Pitch Dia.	Pilot Bore A	Outside Dia. B	Flange Dia. C	Boss Dia. D	Boss Proj. E	Overall Length L	Catalogue Ref
10	6F	15.92	SOLID	15.05	19.5	8	6	27	10-T5-16
12	6F	19.10	SOLID	18.25	23	11	6	27	12-T5-16
14	6F	22.28	SOLID	21.45	25	14	6	27	14-T5-16
15	6F	23.87	6	23.05	28	16	6	27	15-T5-16
16	6F	25.46	6	24.60	32	18	6	27	16-T5-16
18	6F	28.65	6	27.80	32	20	6	27	18-T5-16
19	6F	30.24	6	29.40	36	22	6	27	19-T5-16
20	6F	31.83	6	31.00	36	23	6	27	20-T5-16
22	6F	35.01	6	34.25	38	24	6	27	22-T5-16
24	6F	38.20	6	37.40	42	26	6	27	24-T5-16
25	6F	39.79	6	39.00	44	26	6	27	25-T5-16
26	6F	41.38	6	40.60	44	26	6	27	26-T5-16
27	6F	42.97	8	42.20	48	30	6	27	27-T5-16
28	6F	44.56	8	43.75	48	32	6	27	28-T5-16
30	6F	47.75	8	46.95	51	34	6	27	30-T5-16
32	6F	50.93	8	50.10	54	38	6	27	32-T5-16
36	6F	57.30	8	56.45	63	38	6	27	36-T5-16
40	6F	63.66	8	62.85	66	40	6	27	40-T5-16
42	6F	66.84	8	66.00	71	40	6	27	42-T5-16
44	6	70.03	8	69.20	-	45	6	27	44-T5-16
48	6	76.39	8	75.55	-	50	6	27	48-T5-16
60	6	95.49	8	94.65	-	65	6	27	60-T5-16

#### Material

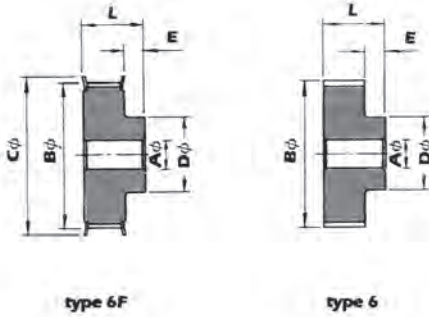
Aluminium H14

These pulleys are available for wider belt widths. Details upon request.

All dimensions in mm  
Bore tolerances to HB limits

10mm pitch, 25mm belt

Parallel pilot bore



type 6F

type 6

T PULLEYS

No. Teeth	Style	Pitch Dia.	Pilot Bore A	Outside Dia. B	Flange Dia. C	Boss Dia. D	Boss Proj. E	Overall Length L	Catalogue Ref
12	6F	38.20	6	36.35	42	28	10	40	12-T10-25
14	6F	44.56	8	42.70	48	32	10	40	14-T10-25
15	6F	47.75	8	45.90	51	32	10	40	15-T10-25
16	6F	50.93	8	49.05	54	35	10	40	16-T10-25
18	6F	57.30	8	55.45	60	40	10	40	18-T10-25
19	6F	60.48	8	58.60	66	44	10	40	19-T10-25
20	6F	63.66	8	61.80	66	46	10	40	20-T10-25
22	6F	70.03	8	68.15	75	52	10	40	22-T10-25
24	6F	76.39	8	74.55	83	58	10	40	24-T10-25
25	6F	79.58	8	77.70	83	60	10	40	25-T10-25
26	6F	82.76	8	80.90	87	60	10	40	26-T10-25
27	6F	85.94	8	84.10	91	60	10	40	27-T10-25
28	6F	89.13	8	87.25	93	60	10	40	28-T10-25
30	6F	95.49	8	93.65	97	60	10	40	30-T10-25
32	6F	101.86	10	100.00	106	65	10	40	32-T10-25
36	6F	114.59	10	112.75	119	70	10	40	36-T10-25
40	6F	127.32	10	125.45	131	80	10	40	40-T10-25
44	6	140.06	10	138.20	-	88	10	40	44-T10-25
48	6	152.79	16	150.95	-	95	10	40	48-T10-25
60	6	190.99	16	189.10	-	110	10	40	60-T10-25

**Material**

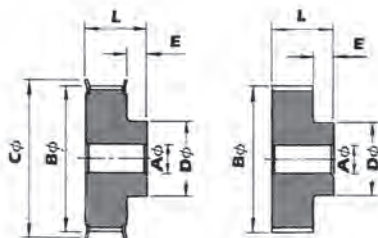
Aluminium H14

All dimensions in millimetres.  
Bore tolerance to H8 limits.

These pulleys are available for narrow belt widths.  
Details upon request.

10mm pitch, 50mm belt

Parallel bore



type 6F

type 6

No. Teeth	Style	Pitch Dia.	Pilot Bore A	Outside Dia. B	Flange Dia. C	Boss Dia. D	Boss Proj. E	Overall Length L	Catalogue Ref
18	6F	57.30	10	55.45	60	40	10	66	18-T10-50
19	6F	60.48	10	58.60	66	44	10	66	19-T10-50
20	6F	63.66	12	61.80	66	46	10	66	20-T10-50
22	6F	70.03	12	68.15	75	52	10	66	22-T10-50
24	6F	76.39	12	74.55	83	58	10	66	24-T10-50
25	6F	79.58	12	77.70	83	60	10	66	25-T10-50
26	6F	82.76	12	80.90	87	60	10	66	26-T10-50
27	6F	85.94	12	84.10	91	60	10	66	27-T10-50
28	6F	89.13	12	87.25	93	60	10	66	28-T10-50
30	6F	95.49	12	93.65	97	60	10	66	30-T10-50
32	6F	101.86	12	100.00	106	65	10	66	32-T10-50
36	6F	114.59	16	112.75	119	70	10	66	36-T10-50
40	6F	127.32	16	125.45	131	80	10	66	40-T10-50
44	6	140.06	16	138.20	-	88	10	66	44-T10-50
48	6	152.79	16	150.95	-	95	10	66	48-T10-50
60	6	190.99	16	189.10	-	110	10	66	60-T10-50

#### Material

Aluminium H14

All dimensions in millimetres.  
Bore tolerance to H8 limits.

These pulleys are available for use  
with 32mm wide belts.  
Details upon request.