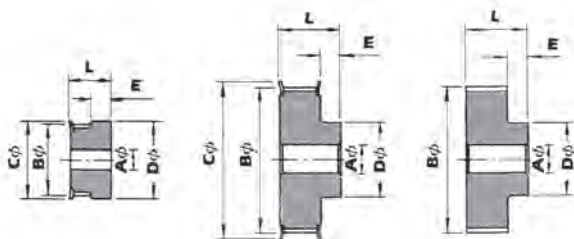


DAVAL GEARS HTD Pulleys

3mm pitch, 9mm belt

Parallel bore



type 1F

type 6F

type 6

| No. teeth | Type | Material | Flange | Pitch dia. | Pilot bore A | Outside dia. B | Flange dia. C | Hub dia. D | E | Max bore dia. * | Overall length L | Catalogue No. |
|-----------|------|-----------|-----------------|------------|-----------------|-------------------|------------------|---------------|------|--------------------|---------------------|---------------|
| 10 | 1F | ALUMINIUM | WITH FLANGES | 9.55 | — | 8.79 | 13 | 13 | 6.5 | 4.0 | 17.5 | 10-3M-09 |
| 12 | 1F | | | 11.46 | — | 10.70 | 15 | 15 | 6.5 | 6.0 | 17.5 | 12-3M-09 |
| 14 | 1F | | | 13.37 | — | 12.61 | 16 | 16 | 6.5 | 7.0 | 17.5 | 14-3M-09 |
| 15 | 1F | | | 14.32 | — | 13.56 | 17.5 | 17.5 | 6.5 | 8.0 | 17.5 | 15-3M-09 |
| 16 | 6F | | | 15.28 | 4 | 14.52 | 18 | 10 | 7.8 | 6.0 | 20.6 | 16-3M-09 |
| 18 | 6F | | | 17.19 | 6 | 16.43 | 19.5 | 11 | 7.8 | 6.0 | 20.6 | 18-3M-09 |
| 20 | 6F | | | 19.10 | 6 | 18.34 | 23 | 13 | 7.8 | 8.0 | 20.6 | 20-3M-09 |
| 21 | 6F | | | 20.05 | 6 | 19.29 | 25 | 14 | 7.8 | 8.0 | 20.6 | 21-3M-09 |
| 22 | 6F | | | 21.01 | 6 | 20.25 | 25 | 14 | 7.8 | 8.0 | 20.6 | 22-3M-09 |
| 24 | 6F | | | 22.92 | 6 | 22.16 | 25 | 14 | 7.8 | 8.0 | 20.6 | 24-3M-09 |
| 26 | 6F | | | 24.83 | 6 | 24.07 | 28 | 16 | 7.8 | 9.0 | 20.6 | 26-3M-09 |
| 28 | 6F | | | 26.74 | 6 | 25.98 | 32 | 18 | 7.8 | 11.0 | 20.6 | 28-3M-09 |
| 30 | 6F | | | 28.65 | 6 | 27.89 | 32 | 20 | 7.8 | 12.0 | 20.6 | 30-3M-09 |
| 32 | 6F | | | 30.56 | 6 | 29.80 | 36 | 22 | 7.8 | 14.0 | 20.6 | 32-3M-09 |
| 36 | 6F | | 34.38 | 6 | 33.62 | 38 | 26 | 8.8 | 17.0 | 22.2 | 36-3M-09 | |
| 40 | 6F | | 38.20 | 6 | 37.44 | 42 | 28 | 8.8 | 19.0 | 22.2 | 40-3M-09 | |
| 44 | 6F | | 42.02 | 6 | 41.26 | 48 | 33 | 8.8 | 23.0 | 22.2 | 44-3M-09 | |
| 48 | 6 | | WITHOUT FLANGES | 45.84 | 8 | 45.08 | — | 33 | 8.8 | 23.0 | 22.2 | 48-3M-09 |
| 60 | 6 | | | 57.30 | 8 | 56.54 | — | 33 | 8.8 | 23.0 | 22.2 | 60-3M-09 |
| 72 | 6 | | | 68.75 | 8 | 67.99 | — | 33 | 8.8 | 23.0 | 22.2 | 72-3M-09 |

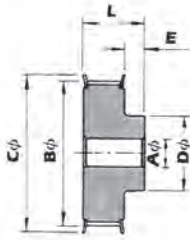
All dimensions in mm
Bore tolerances to H8 limits

These pulleys are also available for use with 15mm wide belts. Details available on request.

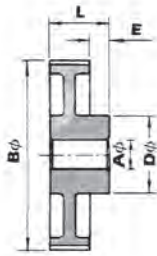
*This is the maximum bore diameter allowable.

3mm pitch, 15mm belt

Parallel bore



type 6F



type 6W

| No | Teeth | Style | Mati. | Flange | Pitch Dia | Bore Dia | Outside Dia | Flange Dia | Boss Dia | Boss Projection | Overall Length | Catalogue No. |
|----|-------|-------|-----------|-----------------|-----------|----------|-------------|------------|----------|-----------------|----------------|-----------------|
| | | A | | B | C | D | E | L | | | | |
| 10 | 1F | | Steel | with flanges | 9.55 | - | 8.79 | 13 | 13 | 9 | 26 | 10-3M-15 |
| 12 | 1F | | | | 11.46 | - | 10.70 | 15 | 15 | 9 | 26 | 12-3M-15 |
| 14 | 1F | | | | 13.37 | - | 12.61 | 16 | 16 | 9 | 26 | 14-3M-15 |
| 15 | 1F | | | | 14.32 | - | 13.56 | 17.5 | 17.5 | 9 | 26 | 15-3M-15 |
| 16 | 6F | | | | 15.28 | 4 | 14.52 | 18 | 10 | 6.5 | 26 | 16-3M-15 |
| 18 | 6F | | | | 17.19 | 6 | 16.43 | 19.5 | 11 | 6.5 | 26 | 18-3M-15 |
| 20 | 6F | | | | 19.1 | 6 | 18.34 | 23 | 13 | 6.5 | 26 | 20-3M-15 |
| 21 | 6F | | | | 20.5 | 6 | 19.29 | 25 | 14 | 6.5 | 26 | 21-3M-15 |
| 22 | 6F | | | | 21.10 | 6 | 20.25 | 25 | 14 | 6.5 | 26 | 22-3M-15 |
| 24 | 6F | | | | 22.92 | 6 | 22.16 | 25 | 14 | 6.5 | 26 | 24-3M-15 |
| 26 | 6F | | | | 24.83 | 6 | 24.70 | 28 | 16 | 6.5 | 26 | 26-3M-15 |
| 28 | 6F | | | | 26.74 | 6 | 25.98 | 32 | 18 | 6.5 | 26 | 28-3M-15 |
| 30 | 6F | | | | 28.65 | 6 | 27.89 | 32 | 20 | 6.5 | 26 | 30-3M-15 |
| 32 | 6F | | | | 30.56 | 6 | 29.80 | 36 | 22 | 6.5 | 26 | 32-3M-15 |
| 36 | 6F | | | | 34.38 | 6 | 33.62 | 38 | 26 | 10 | 30 | 36-3M-15 |
| 40 | 6F | | | | 38.20 | 6 | 37.44 | 42 | 28 | 10 | 30 | 40-3M-15 |
| 44 | 6F | | 42.2 | 6 | 41.26 | 48 | 33 | 10 | 30 | 44-3M-15 | | |
| 48 | 6 | | Aluminium | without flanges | 45.84 | 8 | 45.80 | - | 33 | 10 | 30 | 48-3M-15 |
| 60 | 6 | | | | 57.30 | 8 | 56.54 | - | 33 | 10 | 30 | 60-3M-15 |
| 72 | 6 | | | | 68.75 | 8 | 67.99 | - | 33 | 10 | 30 | 72-3M-15 |

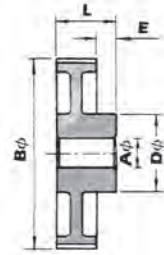
DAVAL GEARS HTD Pulleys

5mm pitch, 9mm belt

Parallel bore



type 6F



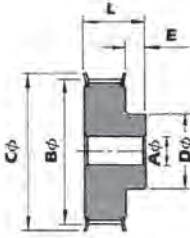
type 6W

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

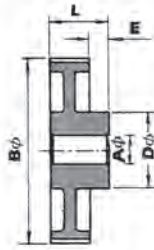
*= non standard bore

5mm pitch, 15mm belt

Parallel bore



type 6F



type 6W

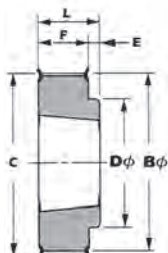
| No. teeth | Type | Material | Flange | Pitch dia. | Pilot bore | Outside dia. | Flange dia. | Hub dia. | Max bore dia. * | Overall length | Catalogue No. | |
|-----------|------|----------|--------------|------------|-----------------|--------------|-------------|----------|-----------------|----------------|---------------|----------|
| | | | | A | B | C | D | E | | | | |
| 12 | 6F | STEEL | WITH FLANGES | 19.10 | 4 | 17.96 | 23 | 13 | 5.5 | 8.0 | 26 | 12-5M-15 |
| 14 | 6F | | | 22.28 | 6 | 21.14 | 25 | 14 | 5.5 | 8.0 | 26 | 14-5M-15 |
| 15 | 6F | | | 23.87 | 6 | 22.73 | 28 | 16 | 5.5 | 9.0 | 26 | 15-5M-15 |
| 16 | 6F | | | 25.46 | 6 | 24.32 | 28 | 16.5 | 5.5 | 11.0 | 26 | 16-5M-15 |
| 18 | 6F | | | 28.65 | 6 | 27.51 | 32 | 20 | 5.5 | 12.0 | 26 | 18-5M-15 |
| 20 | 6F | | | 31.83 | 6 | 30.69 | 36 | 23 | 5.5 | 15.0 | 26 | 20-5M-15 |
| 21 | 6F | | | 33.42 | 6 | 32.28 | 38 | 24 | 5.5 | 15.0 | 26 | 21-5M-15 |
| 22 | 6F | | | 35.01 | 6 | 33.87 | 38 | 25.5 | 5.5 | 16.0 | 26 | 22-5M-15 |
| 24 | 6F | | | 38.20 | 6 | 37.06 | 42 | 27 | 7.5 | 18.0 | 28 | 24-5M-15 |
| 26 | 6F | | | 41.38 | 6 | 40.24 | 44 | 30 | 7.5 | 21.0 | 28 | 26-5M-15 |
| 28 | 6F | | | 44.56 | 6 | 43.42 | 48 | 30.5 | 7.5 | 21.0 | 28 | 28-5M-15 |
| 30 | 6F | | | 47.75 | 6 | 46.60 | 51 | 35 | 7.5 | 24.0 | 28 | 30-5M-15 |
| 32 | 6F | | | 50.93 | 8 | 49.79 | 54 | 38 | 7.5 | 26.0 | 28 | 32-5M-15 |
| 36 | 6F | | | 57.30 | 8 | 56.16 | 60 | 38 | 7.5 | 26.0 | 28 | 36-5M-15 |
| 40 | 6F | | | 63.66 | 8 | 62.52 | 71 | 38 | 7.5 | 26.0 | 28 | 40-5M-15 |
| 44 | 6W | | | ALUMINIUM | WITHOUT FLANGES | 70.03 | 8 | 68.89 | — | 38 | 9.5 | 26.0 |
| 48 | 6W | 76.39 | 8 | | | 75.25 | — | 38 | 9.5 | 26.0 | 30 | 48-5M-15 |
| 60 | 6W | 95.49 | 8 | | | 94.35 | — | 50 | 9.5 | 31.0 | 30 | 60-5M-15 |
| 72 | 6W | 114.59 | 8 | | | 113.45 | — | 50 | 9.5 | 31.0 | 30 | 72-5M-15 |

All dimensions in mm
Bore tolerances to H8 limits

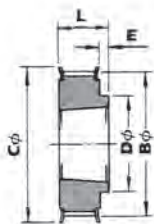
*This is the maximum bore diameter allowable.

5mm pitch, 15mm belt

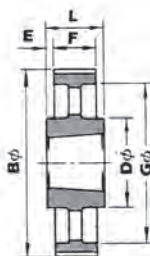
Taper bore



TYPE 8FR



TYPE 8F



TYPE 7W

| No. of Teeth | Type | Material | Flanges | Pitch dia. | Bush | Outside dia. B | Flange dia. C | Boss dia. D | Boss proj. E | Face F | G | Overall length L | Catalogue No. |
|--------------|------|-----------|--------------|------------|------|----------------|---------------|-------------|--------------|--------|--------------|------------------|---------------|
| 34 | 8FR | STEEL | WITH FLANGES | 54.11 | 1008 | 52.97 | 57 | 43 | 1.5 | 20.5 | - | 22 | PL 34-5M-15 |
| 36 | 8FR | | | 57.30 | 1108 | 56.16 | 60 | 44 | 1.5 | 20.5 | - | 22 | PL 36-5M-15 |
| 38 | 8FR | | | 69.48 | 1108 | 59.34 | 66 | 48 | 1.5 | 20.5 | - | 22 | PL 38-5M-15 |
| 40 | 8F | | | 63.66 | 1108 | 62.52 | 71 | 52 | 1.5 | 20.5 | - | 22 | PL 40-5M-15 |
| 44 | 8F | | | 70.03 | 1108 | 68.89 | 75 | 54 | 1.5 | 20.5 | - | 22 | PL 44-5M-15 |
| 48 | 8F | | | 76.39 | 1210 | 75.25 | 83 | 64 | 4.5 | 20.5 | - | 25 | PL 48-5M-15 |
| 56 | 8F | CAST IRON | WITH FLANGES | 89.13 | 1210 | 87.99 | 93 | 70 | 4.5 | 20.5 | - | 25 | PL 56-5M-15 |
| 64 | 8F | | | 101.86 | 1210 | 100.72 | 106 | 78 | 4.5 | 20.5 | - | 25 | PL 64-5M-15 |
| 72 | 8F | | | 114.59 | 1610 | 113.45 | 119 | 90 | 4.5 | 20.5 | - | 25 | PL 72-5M-15 |
| 80 | 8F | | | 127.32 | 1610 | 126.18 | 135 | 92 | 4.5 | 20.5 | - | 25 | PL 80-5M-15 |
| 90 | 7W | | | 143.24 | 1610 | 142.10 | - | 92 | 2.25 | 20.5 | 126 | 25 | PL 90-5M-15 |
| 112 | 7W | | | 178.25 | 1610 | 177.11 | - | 92 | 2.25 | 20.5 | 162 | 25 | PL 112-5M-15 |
| 136 | 7W | 216.45 | 2012 | 215.31 | - | 106 | 5.75 | 20.5 | 199 | 32 | PL 136-5M-15 | | |
| 150 | 7W | 238.73 | 2012 | 237.59 | - | 106 | 5.75 | 20.5 | 222 | 32 | PL 150-5M-15 | | |

All dimensions in millimetres.

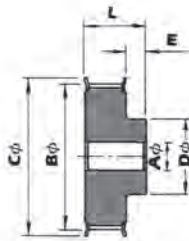
The taper bores shown in this table will accept standard, commercially available taper bushes.

NOTE:

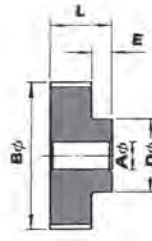
The peripheral speed of a cast-iron pulley must not exceed 30 metres per second.

5mm pitch, 25mm belt

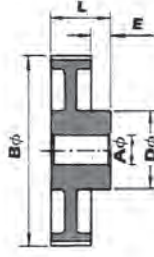
Parallel bore



type 6F



type 6



type 6W

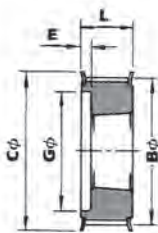
| No. of Teeth | Type | Material | Pitch dia. | Pilot bore A | Outside dia. B | Flange dia. C | Boss dia. D | Boss projection E | Overall length L | Catalogue no. |
|--------------|------|-----------|------------|--------------|----------------|---------------|-------------|-------------------|------------------|---------------|
| 12 | 6F | STEEL | 19.10 | 4 | 17.96 | 23 | 13.0 | 5.5 | 36 | 12-5M-25 |
| 14 | 6F | | 22.28 | 6 | 21.14 | 25 | 14.0 | 5.5 | 36 | 14-5M-25 |
| 15 | 6F | | 23.87 | 6 | 22.73 | 28 | 16.0 | 5.5 | 36 | 15-5M-25 |
| 16 | 6F | | 25.46 | 6 | 24.32 | 28 | 16.5 | 5.5 | 36 | 16-5M-25 |
| 18 | 6F | | 28.65 | 6 | 27.51 | 32 | 20.0 | 5.5 | 36 | 18-5M-25 |
| 20 | 6F | | 31.83 | 6 | 30.69 | 36 | 23.0 | 5.5 | 36 | 20-5M-25 |
| 21 | 6F | | 33.42 | 6 | 32.28 | 38 | 24.0 | 7.5 | 38 | 21-5M-25 |
| 22 | 6F | | 35.01 | 6 | 33.87 | 38 | 25.5 | 7.5 | 38 | 22-5M-25 |
| 24 | 6F | | 38.20 | 6 | 37.06 | 42 | 27.0 | 7.5 | 38 | 24-5M-25 |
| 26 | 6F | | 41.38 | 6 | 40.24 | 44 | 30.0 | 7.5 | 38 | 26-5M-25 |
| 28 | 6F | | 44.56 | 6 | 43.42 | 48 | 30.5 | 7.5 | 38 | 28-5M-25 |
| 30 | 6F | | 47.75 | 6 | 46.60 | 51 | 35.0 | 7.5 | 38 | 30-5M-25 |
| 32 | 6F | | 50.93 | 8 | 49.79 | 54 | 38.0 | 7.5 | 38 | 32-5M-25 |
| 36 | 6F | | 57.30 | 8 | 56.16 | 60 | 38.0 | 7.5 | 38 | 36-5M-25 |
| 40 | 6F | 63.66 | 8 | 62.52 | 71 | 38.0 | 7.5 | 38 | 40-5M-25 | |
| 44 | 6 | ALUMINIUM | 70.03 | 8 | 68.89 | - | 38.0 | 9.5 | 40 | 44-5M-25 |
| 48 | 6W | | 76.39 | 8 | 75.25 | - | 38.0 | 9.5 | 40 | 48-5M-25 |
| 60 | 6W | | 95.49 | 8 | 94.35 | - | 50.0 | 9.5 | 40 | 60-5M-25 |
| 72 | 6W | | 114.59 | 8 | 113.45 | - | 50.0 | 9.5 | 40 | 72-5M-25 |

All dimensions in millimetres.
Bore tolerance to H8 limits.

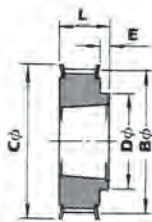
DAVAL GEAR'S HTD Pulleys

8mm pitch, 20mm belt

Taper bore



type 5F



type 8F

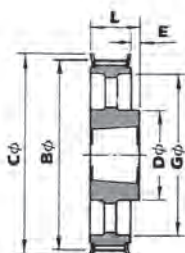
All dimensions in mm

These pulleys are also available for use with 50mm and 85mm wide belts. Details available on request.

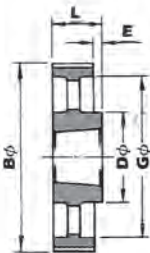
The taper bores shown in this table will accept standard, commercially available taper bushes.

NOTE:

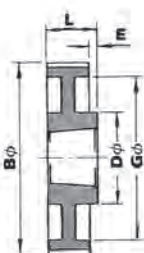
The peripheral speed of a cast-iron pulley must not exceed 30 metres per second.



type 8WF



type 8W

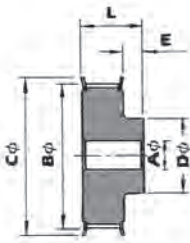


type 8A

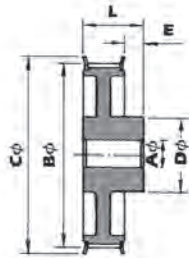
| No. teeth | Type | Material | Flange | Pitch dia. | To suit Bush No. | Outside dia. | Flange dia. | Hub dia. | Overall length | | | Catalogue No. |
|-----------|------|-----------------|--------------|------------|------------------|--------------|-------------|----------|----------------|-----|-------------|---------------|
| | | | | A | B | C | D | E | G | L | | |
| 24 | 5F | CAST-IRON | WITH FLANGES | 61.12 | 1108 | 59.75 | 66 | — | 6 | 42 | 28 | PL 24-8M-20 |
| 26 | 5F | | | 66.21 | 1108 | 64.84 | 71 | — | 6 | 46 | 28 | PL 26-8M-20 |
| 28 | 5F | | | 71.30 | 1108 | 70.08 | 75 | — | 6 | 50 | 28 | PL 28-8M-20 |
| 30 | 5F | | | 76.39 | 1108 | 75.13 | 83 | — | 6 | 58 | 28 | PL 30-8M-20 |
| 32 | 5F | | | 81.49 | 1610 | 80.16 | 87 | — | 3 | 62 | 28 | PL 32-8M-20 |
| 34 | 5F | | | 86.58 | 1610 | 85.22 | 91 | — | 3 | 65 | 28 | PL 34-8M-20 |
| 36 | 5F | | | 91.67 | 1610 | 90.30 | 98.5 | — | 3 | 68 | 28 | PL 36-8M-20 |
| 38 | 5F | | | 96.77 | 1610 | 95.39 | 103 | — | 3 | 72 | 28 | PL 38-8M-20 |
| 40 | 5F | | | 101.86 | 1610 | 100.49 | 106 | — | 3 | 76 | 28 | PL 40-8M-20 |
| 44 | 8F | | | 112.05 | 2012 | 110.67 | 119 | 93 | 4 | — | 32 | PL 44-8M-20 |
| 48 | 8F | | | 122.23 | 2012 | 120.86 | 127 | 96 | 4 | — | 32 | PL 48-8M-20 |
| 56 | 8F | | | 142.60 | 2012 | 141.23 | 148 | 110 | 4 | — | 32 | PL 56-8M-20 |
| 64 | 8WF | | | 162.97 | 2012 | 161.60 | 168 | 110 | 4 | 137 | 32 | PL 64-8M-20 |
| 72 | 8WF | | | 183.35 | 2012 | 181.97 | 192 | 110 | 4 | 158 | 32 | PL 72-8M-20 |
| 80 | 8W | WITHOUT FLANGES | 203.72 | 2012 | 202.35 | — | 110 | 4 | 180 | 32 | PL 80-8M-20 | |
| 90 | 8A | | 229.18 | 2012 | 227.81 | — | 110 | 4 | 204 | 32 | PL 90-8M-20 | |

8mm pitch, 20mm belt

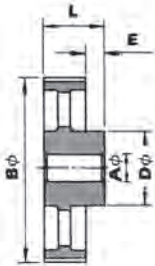
Parallel bore



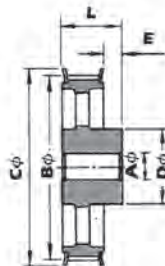
type 6F



type 6WF



type 6A



type 6AF

All dimensions in mm
Bore tolerances to H8 limits

These pulleys are also available for use with 50mm and 85mm wide belts. Details available on request.

Pulleys with taper bores to suit commercially available taper bushes can be supplied.

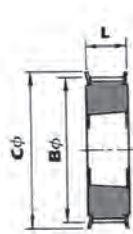
NOTE:
The peripheral speed of a cast-iron pulley must not exceed 30 metres per second.

*This is the maximum bore diameter allowable.

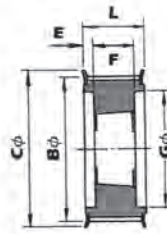
| No. teeth | Type | Material | Flange | Pitch dia. | Pilot bore A | Outside dia. B | Flange dia. C | Hub dia. D | E | Max bore dia. * | Overall length L | Catalogue No. | |
|-----------|------|-----------|--------------|-----------------|--------------|----------------|---------------|------------|------|-----------------|------------------|---------------|-----------|
| 22 | 6F | STEEL | WITH FLANGES | 56.02 | 12 | 54.65 | 60 | 43 | 10 | 30.0 | 38 | 22-8M-20 | |
| 24 | 6F | | | 61.12 | 12 | 59.75 | 66 | 45 | 10 | 31.0 | 38 | 24-8M-20 | |
| 26 | 6F | | | 66.21 | 12 | 64.84 | 71 | 50 | 10 | 36.0 | 38 | 26-8M-20 | |
| 28 | 6F | | | 71.30 | 15 | 70.08 | 75 | 50 | 10 | 36.0 | 38 | 28-8M-20 | |
| 30 | 6F | | | 76.39 | 15 | 75.13 | 83 | 55 | 10 | 39.0 | 38 | 30-8M-20 | |
| 32 | 6F | | | 81.49 | 15 | 80.16 | 87 | 60 | 10 | 43.0 | 38 | 32-8M-20 | |
| 34 | 6F | | | 86.58 | 15 | 85.22 | 91 | 70 | 10 | 50.0 | 38 | 34-8M-20 | |
| 36 | 6F | | | 91.67 | 15 | 90.30 | 98.5 | 70 | 10 | 50.0 | 38 | 36-8M-20 | |
| 38 | 6F | | | 96.77 | 15 | 95.39 | 103 | 75 | 10 | 53.0 | 38 | 38-8M-20 | |
| 40 | 6F | CAST-IRON | WITH FLANGES | 101.86 | 15 | 100.49 | 106 | 75 | 10 | 53.0 | 38 | 40-8M-20 | |
| 44 | 6F | | | 112.05 | 15 | 110.67 | 119 | 75 | 10 | 53.0 | 38 | 44-8M-20 | |
| 48 | 6F | | | 122.23 | 15 | 120.86 | 127 | 75 | 10 | 53.0 | 38 | 48-8M-20 | |
| 56 | 6WF | | | 142.60 | 15 | 141.23 | 148 | 80 | 10 | 58.0 | 38 | 56-8M-20 | |
| 64 | 6WF | | | 162.97 | 15 | 161.60 | 168 | 80 | 10 | 58.0 | 38 | 64-8M-20 | |
| 72 | 6AF | | | 183.35 | 15 | 181.97 | 192 | 80 | 10 | 58.0 | 38 | 72-8M-20 | |
| 80 | 6A | | | WITHOUT FLANGES | 203.72 | 15 | 202.35 | — | 90 | 10 | 65.0 | 38 | 80-8M-20 |
| 90 | 6A | | | | 229.18 | 15 | 227.81 | — | 90 | 10 | 65.0 | 38 | 90-8M-20 |
| 112 | 6A | | | | 285.21 | 18 | 283.83 | — | 90 | 10 | 65.0 | 38 | 112-8M-20 |
| 144 | 6A | 366.69 | 20 | | 365.32 | — | 90 | 10 | 65.0 | 38 | 144-8M-20 | | |
| 168 | 6A | 427.81 | 20 | | 426.44 | — | 100 | 10 | 72.0 | 38 | 168-8M-20 | | |
| 192 | 6A | 488.92 | 20 | | 487.55 | — | 100 | 10 | 72.0 | 38 | 192-8M-20 | | |

8mm pitch, 30mm belt

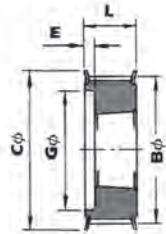
Taper bore



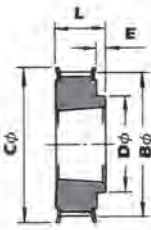
type 3F



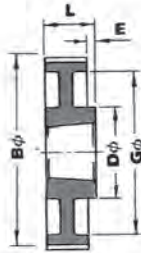
type 4F



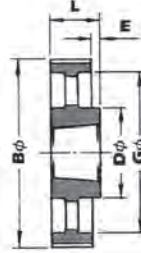
type 5F



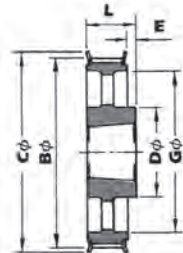
type 8F



type 8A



type 8W



type 8WF

| No. teeth | Type | Material | Flange | Pitch dia. | To suit Bush No. | Outside dia. | | Hub dia. | Overall length | | | Catalogue No. | |
|-----------|------|-----------------|--------------|------------|------------------|--------------|------|----------|----------------|-----|-----|---------------|-------------|
| | | | | | | B | C | | D | E | F | | G |
| 24 | 5F | CAST-IRON | WITH FLANGES | 61.12 | 1108 | 59.75 | 66 | — | 16 | — | 42 | 38 | PL 24-8M-30 |
| 26 | 5F | | | 66.21 | 1108 | 64.84 | 71 | — | 16 | — | 46 | 38 | PL 26-8M-30 |
| 28 | 5F | | | 71.30 | 1210 | 70.08 | 75 | — | 16 | — | 50 | 38 | PL 28-8M-30 |
| 30 | 3F | | | 76.39 | 1615 | 75.13 | 83 | — | — | — | — | 38 | PL 30-8M-30 |
| 32 | 3F | | | 81.49 | 1615 | 80.16 | 87 | — | — | — | — | 38 | PL 32-8M-30 |
| 34 | 3F | | | 86.58 | 1615 | 85.22 | 91 | — | — | — | — | 38 | PL 34-8M-30 |
| 36 | 3F | | | 91.67 | 1615 | 90.30 | 98.5 | — | — | — | — | 38 | PL 36-8M-30 |
| 38 | 3F | | | 96.77 | 1615 | 95.39 | 103 | — | — | — | — | 38 | PL 38-8M-30 |
| 40 | 3F | | | 101.86 | 1615 | 100.49 | 106 | — | — | — | — | 38 | PL 40-8M-30 |
| 44 | 4F | | | 112.05 | 2012 | 110.67 | 119 | — | 3 | 32 | 91 | 38 | PL 44-8M-30 |
| 48 | 4F | | | 122.23 | 2012 | 120.86 | 127 | — | 3 | 32 | 95 | 38 | PL 48-8M-30 |
| 56 | 4F | | | 142.60 | 2012 | 141.23 | 148 | — | 3 | 32 | 117 | 38 | PL 56-8M-30 |
| 64 | 8F | | | 162.97 | 2517 | 161.60 | 168 | 125 | 7 | — | — | 45 | PL 64-8M-30 |
| 72 | 8WF | | | 183.35 | 2517 | 181.97 | 192 | 125 | 7 | — | 158 | 45 | PL 72-8M-30 |
| 80 | 8W | WITHOUT FLANGES | 203.72 | 2517 | 202.35 | — | 125 | 7 | — | 180 | 45 | PL 80-8M-30 | |
| 90 | 8A | | 229.18 | 2517 | 227.81 | — | 125 | 7 | — | 204 | 45 | PL 90-8M-30 | |
| 112 | 8A | | 285.21 | 2517 | 283.83 | — | 125 | 7 | — | 260 | 45 | PL 112-8M-30 | |
| 144 | 8A | | 366.69 | 2517 | 365.32 | — | 125 | 7 | — | 341 | 45 | PL 144-8M-30 | |

NOTE: The peripheral speed of a cast-iron pulley must not exceed 30 metres per second.

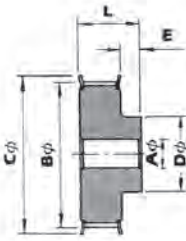
All dimensions in mm

These pulleys are also available for use with 50mm and 85mm wide belts. Details available on request.

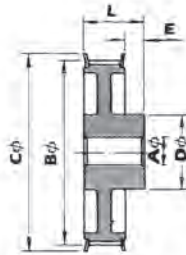
The taper bores shown in this table will accept standard, commercially available taper bushes.

8mm pitch, 30mm belt

Parallel bore



type 6F



type 6WF

All dimensions in mm
Bore tolerances to H8 limits

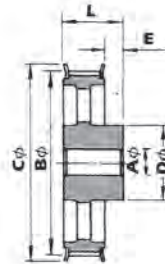
These pulleys are also available for use with 50mm and 85mm wide belts. Details available on request.

Pulleys with taper bores to suit commercially available taper bushes can be supplied.

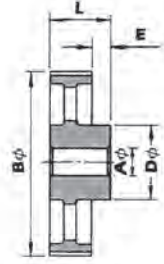
NOTE:

The peripheral speed of a cast-iron pulley must not exceed 30 metres per second.

*This is the maximum bore diameter allowable.



type 6AF



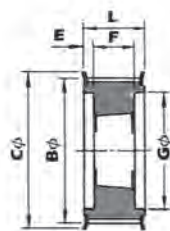
type 6A

| No. teeth | Type | Material | Flange | Pitch dia. | Pilot bore | Outside dia. | Flange dia. | Hub dia. | Max bore dia. | Overall length | Catalogue No. | | |
|-----------|------|-----------------|--------------|------------|--------------|--------------|-------------|----------|---------------|----------------|---------------|----------|-----------|
| | | | | | A | B | C | D | * | L | | | |
| 22 | 6F | STEEL | WITH FLANGES | 56.02 | 12 | 54.65 | 60 | 43 | 10 | 30.0 | 48 | 22-8M-30 | |
| 24 | 6F | | | 61.12 | 12 | 59.75 | 66 | 45 | 10 | 31.0 | 48 | 24-8M-30 | |
| 26 | 6F | | | 66.21 | 12 | 64.84 | 71 | 50 | 10 | 36.0 | 48 | 26-8M-30 | |
| 28 | 6F | | | 71.30 | 15 | 70.08 | 75 | 50 | 10 | 36.0 | 48 | 28-8M-30 | |
| 30 | 6F | | | 76.39 | 15 | 75.13 | 83 | 55 | 10 | 39.0 | 48 | 30-8M-30 | |
| 32 | 6F | | | 81.49 | 15 | 80.16 | 87 | 60 | 10 | 43.0 | 48 | 32-8M-30 | |
| 34 | 6F | | | 86.58 | 15 | 85.22 | 91 | 70 | 10 | 50.0 | 48 | 34-8M-30 | |
| 36 | 6F | | | 91.67 | 15 | 90.30 | 98.5 | 70 | 10 | 50.0 | 48 | 36-8M-30 | |
| 38 | 6F | | | 96.77 | 15 | 95.39 | 103 | 75 | 10 | 53.0 | 48 | 38-8M-30 | |
| 40 | 6F | | | CAST-IRON | WITH FLANGES | 101.86 | 15 | 100.49 | 106 | 75 | 10 | 53.0 | 48 |
| 44 | 6F | 112.05 | 15 | | | 110.67 | 119 | 75 | 10 | 53.0 | 48 | 44-8M-30 | |
| 48 | 6F | 122.23 | 15 | | | 120.86 | 127 | 75 | 10 | 53.0 | 48 | 48-8M-30 | |
| 56 | 6WF | 142.60 | 15 | | | 141.23 | 148 | 90 | 10 | 65.0 | 48 | 56-8M-30 | |
| 64 | 6WF | 162.97 | 15 | | | 161.60 | 168 | 90 | 10 | 65.0 | 48 | 64-8M-30 | |
| 72 | 6AF | 183.35 | 15 | | | 181.97 | 192 | 95 | 10 | 68.0 | 48 | 72-8M-30 | |
| 80 | 6A | WITHOUT FLANGES | 203.72 | | | 15 | 202.35 | — | 100 | 10 | 72.0 | 48 | 80-8M-30 |
| 90 | 6A | | 229.18 | | | 15 | 227.81 | — | 100 | 10 | 72.0 | 48 | 90-8M-30 |
| 112 | 6A | | 285.21 | | | 18 | 283.83 | — | 100 | 10 | 72.0 | 48 | 112-8M-30 |
| 144 | 6A | | 366.69 | | | 20 | 365.32 | — | 100 | 10 | 72.0 | 48 | 144-8M-30 |
| 168 | 6A | | 427.81 | 20 | 426.44 | — | 100 | 10 | 72.0 | 48 | 168-8M-30 | | |
| 192 | 6A | | 488.92 | 20 | 487.55 | — | 100 | 10 | 72.0 | 48 | 192-8M-30 | | |

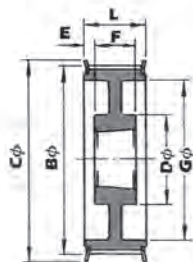
DAVAL GEAR'S HTD Pulleys

14mm pitch, 40mm belt

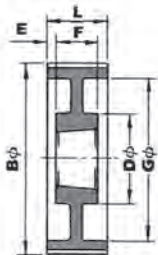
Taper bore



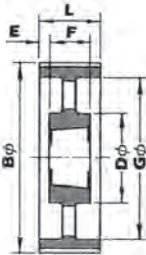
type 4F



type 9WF



type 9W



type 9A

All dimensions in mm

These pulleys are also available for use with 85mm, 115mm and 170mm wide belts. Details available on request.

The taper bores shown in this table will accept standard, commercially available taper bushes.

NOTE:

The peripheral speed of a cast-iron pulley must not exceed 30 metres per second.

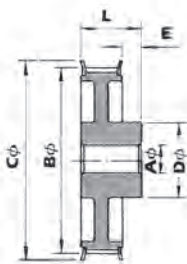
| No. teeth | Type | Material | Flange | Pitch dia. | To suit Bush No. | Outside dia. | Flange dia. | Hub dia. | E | F | G | Overall length L | Catalogue No. | |
|-----------|------|-----------|--------------|-----------------|------------------|--------------|-------------|----------|-----|-----|-----|------------------|---------------|---------------|
| | | | | | | B | C | D | | | | | | |
| 28 | 4F | CAST-IRON | WITH FLANGES | 124.78 | 2012 | 122.12 | 127 | — | 11 | 32 | 98 | 54 | PL 28-14M-40 | |
| 29 | 4F | | | 129.23 | 2012 | 126.57 | 138 | — | 11 | 32 | 100 | 54 | PL 29-14M-40 | |
| 30 | 4F | | | 133.69 | 2012 | 130.99 | 138 | — | 11 | 32 | 100 | 54 | PL 30-14M-40 | |
| 32 | 4F | | | 142.60 | 2012 | 139.88 | 154 | — | 11 | 32 | 104 | 54 | PL 32-14M-40 | |
| 34 | 4F | | | 151.52 | 2517 | 148.79 | 160 | — | 4.5 | 45 | 110 | 54 | PL 34-14M-40 | |
| 36 | 4F | | | 160.43 | 2517 | 157.68 | 168 | — | 4.5 | 45 | 120 | 54 | PL 36-14M-40 | |
| 38 | 4F | | | 169.34 | 2517 | 166.60 | 183 | — | 4.5 | 45 | 130 | 54 | PL 38-14M-40 | |
| 40 | 4F | | | 178.25 | 2517 | 175.49 | 188 | — | 4.5 | 45 | 138 | 54 | PL 40-14M-40 | |
| 44 | 4F | | | 196.08 | 3020 | 193.28 | 211 | — | 1.5 | 51 | 155 | 54 | PL 44-14M-40 | |
| 48 | 4F | | | 213.90 | 3020 | 211.11 | 226 | — | 1.5 | 51 | 170 | 54 | PL 48-14M-40 | |
| 56 | 9WF | | | 249.55 | 3020 | 246.76 | 256 | 170 | 1.5 | 51 | 208 | 54 | PL 56-14M-40 | |
| 64 | 9WF | | | 285.21 | 3020 | 282.41 | 296 | 170 | 1.5 | 51 | 242 | 54 | PL 64-14M-40 | |
| 72 | 9W | | | WITHOUT FLANGES | 320.86 | 3020 | 318.06 | — | 170 | 1.5 | 51 | 280 | 54 | PL 72-14M-40 |
| 80 | 9A | | | | 356.51 | 3020 | 353.71 | — | 170 | 1.5 | 51 | 315 | 54 | PL 80-14M-40 |
| 90 | 9A | | | | 401.07 | 3020 | 398.28 | — | 170 | 1.5 | 51 | 360 | 54 | PL 90-14M-40 |
| 112 | 9A | | | | 499.11 | 3020 | 496.32 | — | 170 | 1.5 | 51 | 457 | 54 | PL 112-14M-40 |
| 144 | 9A | 641.71 | 3020 | | 638.92 | — | 170 | 1.5 | 51 | 600 | 54 | PL 144-14M-40 | | |
| 168 | 9A | 748.66 | 3020 | | 745.87 | — | 170 | 1.5 | 51 | 706 | 54 | PL 168-14M-40 | | |
| 192 | 9A | 855.62 | 3020 | | 852.82 | — | 170 | 1.5 | 51 | 813 | 54 | PL 192-14M-40 | | |
| 216 | 9A | 962.57 | 3020 | | 959.76 | — | 170 | 1.5 | 51 | 920 | 54 | PL 216-14M-40 | | |

14mm pitch, 40mm belt

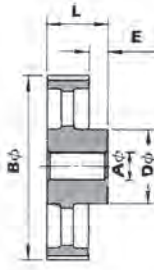
Parallel bore



type 6F



type 6WF



type 6A

All dimensions in mm
Bore tolerances to H8 limits

These pulleys are also available for use with 85mm, 115mm and 170mm wide belts. Details available on request.

Pulleys with taper bores to suit commercially available taper bushes can be supplied.

NOTE:

The peripheral speed of a cast-iron pulley must not exceed 30 metres per second.

*This is the maximum bore diameter allowable.

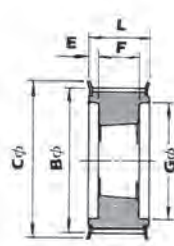
See page 99 for details of available belts.

| No. teeth | Type | Material | Flange | Pitch dia. | Pilot bore A | Outside dia. B | Flange dia. C | Hub dia. D | Max bore dia. E | Max bore dia. * | Overall length L | Catalogue No. | |
|-----------|------|-----------|--------------|-----------------|-----------------|-------------------|------------------|---------------|--------------------|--------------------|---------------------|---------------|------------|
| 28 | 6F | CAST-IRON | WITH FLANGES | 124.78 | 24 | 122.12 | 127 | 100 | 15 | 72.0 | 69 | 28-14M-40 | |
| 29 | 6F | | | 129.23 | 24 | 126.57 | 138 | 100 | 15 | 72.0 | 69 | 29-14M-40 | |
| 30 | 6F | | | 133.69 | 24 | 130.99 | 138 | 100 | 15 | 72.0 | 69 | 30-14M-40 | |
| 32 | 6F | | | 142.60 | 24 | 139.88 | 154 | 100 | 15 | 72.0 | 69 | 32-14M-40 | |
| 34 | 6F | | | 151.52 | 24 | 148.79 | 160 | 100 | 15 | 72.0 | 69 | 34-14M-40 | |
| 36 | 6F | | | 160.43 | 24 | 157.68 | 168 | 100 | 15 | 72.0 | 69 | 36-14M-40 | |
| 38 | 6F | | | 169.34 | 24 | 166.60 | 183 | 120 | 15 | 86.0 | 69 | 38-14M-40 | |
| 40 | 6F | | | 178.25 | 24 | 175.49 | 188 | 120 | 15 | 86.0 | 69 | 40-14M-40 | |
| 44 | 6F | | | 196.08 | 24 | 193.28 | 211 | 120 | 15 | 86.0 | 69 | 44-14M-40 | |
| 48 | 6WF | | | 213.90 | 24 | 211.11 | 226 | 135 | 15 | 100.0 | 69 | 48-14M-40 | |
| 56 | 6WF | | | 249.55 | 28 | 246.76 | 256 | 135 | 15 | 100.0 | 69 | 56-14M-40 | |
| 64 | 6WF | | | 285.21 | 28 | 282.41 | 296 | 135 | 15 | 100.0 | 69 | 64-14M-40 | |
| 72 | 6A | | | WITHOUT FLANGES | 320.86 | 28 | 318.06 | — | 135 | 15 | 100.0 | 69 | 72-14M-40 |
| 80 | 6A | | | | 356.51 | 28 | 353.71 | — | 135 | 15 | 100.0 | 69 | 80-14M-40 |
| 90 | 6A | | | | 401.07 | 28 | 398.28 | — | 135 | 15 | 100.0 | 69 | 90-14M-40 |
| 112 | 6A | | | | 499.11 | 28 | 496.32 | — | 135 | 15 | 100.0 | 69 | 112-14M-40 |
| 144 | 6A | 641.71 | 28 | | 638.92 | — | 135 | 15 | 100.0 | 69 | 144-14M-40 | | |
| 168 | 6A | 748.66 | 28 | | 745.87 | — | 135 | 15 | 100.0 | 69 | 168-14M-40 | | |
| 192 | 6A | 855.62 | 28 | | 852.82 | — | 135 | 15 | 100.0 | 69 | 192-14M-40 | | |
| 216 | 6A | 962.57 | 28 | | 959.76 | — | 150 | 15 | 110.0 | 69 | 216-14M-40 | | |

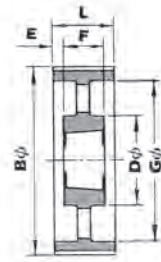
DAVAL GEAR'S HTD Pulleys

14mm pitch, 55mm belt

Taper bore



type 4F

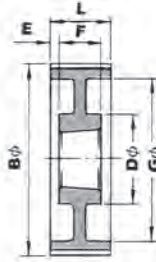


type 9A

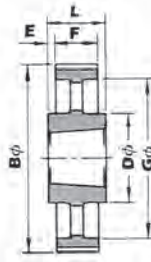
All dimensions in mm

These pulleys are also available for use with 85mm, 115mm and 170mm wide belts. Details available on request.

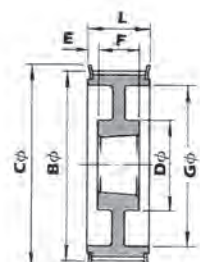
The taper bores shown in this table will accept standard, commercially available taper bushes.



type 9W



type 7A



type 9WF

| No. teeth | Type | Material | Flange | Pitch dia. | To suit Bush No. | Outside dia. | Flange dia. | Hub dia. | E | F | G | Overall length L | Catalogue No. | |
|-----------|------|-----------|--------------|-----------------|------------------|--------------|-------------|----------|------|-----|-----|------------------|---------------|--------------|
| | | | | | | B | C | D | | | | | | |
| 28 | 4F | CAST-IRON | WITH FLANGES | 124.78 | 2012 | 122.12 | 127 | — | 19 | 32 | 98 | 70 | PL 28-14M-55 | |
| 29 | 4F | | | 129.23 | 2012 | 126.57 | 138 | — | 19 | 32 | 100 | 70 | PL 29-14M-55 | |
| 30 | 4F | | | 133.69 | 2517 | 130.99 | 138 | — | 12.5 | 45 | 100 | 70 | PL 30-14M-55 | |
| 32 | 4F | | | 142.60 | 2517 | 139.88 | 154 | — | 12.5 | 45 | 108 | 70 | PL 32-14M-55 | |
| 34 | 4F | | | 151.52 | 2517 | 148.79 | 160 | — | 12.5 | 45 | 110 | 70 | PL 34-14M-55 | |
| 36 | 4F | | | 160.43 | 2517 | 157.68 | 168 | — | 12.5 | 45 | 120 | 70 | PL 36-14M-55 | |
| 38 | 4F | | | 169.34 | 2517 | 166.60 | 183 | — | 12.5 | 45 | 130 | 70 | PL 38-14M-55 | |
| 40 | 4F | | | 178.25 | 2517 | 175.49 | 188 | — | 12.5 | 45 | 138 | 70 | PL 40-14M-55 | |
| 44 | 4F | | | 196.08 | 3020 | 193.28 | 211 | — | 9.5 | 51 | 155 | 70 | PL 44-14M-55 | |
| 48 | 4F | | | 213.90 | 3020 | 211.11 | 226 | — | 9.5 | 51 | 170 | 70 | PL 48-14M-55 | |
| 56 | 9WF | | | 249.55 | 3020 | 246.76 | 256 | 170 | 9.5 | 51 | 208 | 70 | PL 56-14M-55 | |
| 64 | 9WF | | | 285.21 | 3020 | 282.41 | 296 | 170 | 9.5 | 51 | 242 | 70 | PL 64-14M-55 | |
| 72 | 9W | | | WITHOUT FLANGES | 320.86 | 3020 | 318.06 | — | 170 | 9.5 | 51 | 280 | 70 | PL 72-14M-55 |
| 80 | 9A | | | | 356.51 | 3020 | 353.71 | — | 170 | 9.5 | 51 | 315 | 70 | PL 80-14M-55 |
| 90 | 9A | 401.07 | 3020 | | 398.28 | — | 170 | 9.5 | 51 | 360 | 70 | PL 90-14M-55 | | |
| 112 | 9A | 499.11 | 3020 | | 496.32 | — | 170 | 9.5 | 51 | 457 | 70 | PL 112-14M-55 | | |
| 144 | 9A | 641.71 | 3020 | | 638.92 | — | 170 | 9.5 | 51 | 600 | 70 | PL 144-14M-55 | | |
| 168 | 9A | 748.66 | 3020 | | 745.87 | — | 170 | 9.5 | 51 | 706 | 70 | PL 168-14M-55 | | |
| 192 | 9A | 855.62 | 3020 | | 852.82 | — | 170 | 9.5 | 51 | 813 | 70 | PL 192-14M-55 | | |
| 216 | 7A | 962.57 | 3535 | | 959.76 | — | 190 | 9.5 | 70 | 920 | 89 | PL 216-14M-55 | | |

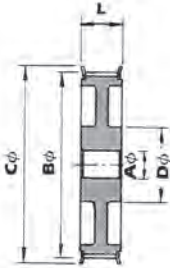
NOTE: The peripheral speed of a cast-iron pulley must not exceed 30 metres per second.

14mm pitch, 55mm belt

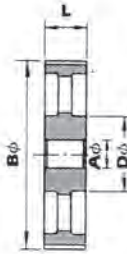
Parallel bore



type 6F



type 10WF



type 10A

All dimensions in mm
Bore tolerances to H8 limits

These pulleys are also available for use with 85mm, 115mm and 170mm wide belts. Details available on request.

Pulleys with taper bores to suit commercially available taper bushes can be supplied.

NOTE:

The peripheral speed of a cast-iron pulley must not exceed 30 metres per second.

*This is the maximum bore diameter allowable.

| No. teeth | Type | Material | Flange | Pitch dia. | Pilot bore | Outside dia. | Flange dia. | Hub dia. | | Max bore dia. | Overall length | Catalogue No. | |
|-----------|------|-----------|--------------|-----------------|------------|--------------|-------------|----------|-------|---------------|----------------|---------------|------------|
| | | | | | A | B | C | D | E | * | L | | |
| 28 | 6F | CAST-IRON | WITH FLANGES | 124.78 | 24 | 122.12 | 127 | 100 | 15 | 72.0 | 85 | 28-14M-55 | |
| 29 | 6F | | | 129.23 | 24 | 126.57 | 138 | 100 | 15 | 72.0 | 85 | 29-14M-55 | |
| 30 | 6F | | | 133.69 | 24 | 130.99 | 138 | 100 | 15 | 72.0 | 85 | 30-14M-55 | |
| 32 | 6F | | | 142.60 | 24 | 139.88 | 154 | 100 | 15 | 72.0 | 85 | 32-14M-55 | |
| 34 | 6F | | | 151.52 | 24 | 148.79 | 160 | 100 | 15 | 72.0 | 85 | 34-14M-55 | |
| 36 | 6F | | | 160.43 | 24 | 157.68 | 168 | 100 | 15 | 72.0 | 85 | 36-14M-55 | |
| 38 | 6F | | | 169.34 | 24 | 166.60 | 183 | 120 | 15 | 86.0 | 85 | 38-14M-55 | |
| 40 | 6F | | | 178.25 | 24 | 175.49 | 188 | 120 | 15 | 86.0 | 85 | 40-14M-55 | |
| 44 | 6F | | | 196.08 | 24 | 193.28 | 211 | 120 | 15 | 86.0 | 85 | 44-14M-55 | |
| 48 | 10WF | | | 213.90 | 24 | 211.11 | 226 | 135 | — | 100.0 | 70 | 48-14M-55 | |
| 56 | 10WF | | | 249.55 | 28 | 246.76 | 256 | 135 | — | 100.0 | 70 | 56-14M-55 | |
| 64 | 10WF | | | 285.21 | 28 | 282.41 | 296 | 135 | — | 100.0 | 70 | 64-14M-55 | |
| 72 | 10A | | | WITHOUT FLANGES | 320.86 | 28 | 318.06 | — | 135 | — | 100.0 | 70 | 72-14M-55 |
| 80 | 10A | | | | 356.51 | 28 | 353.71 | — | 135 | — | 100.0 | 70 | 80-14M-55 |
| 90 | 10A | | | | 401.07 | 28 | 398.28 | — | 135 | — | 100.0 | 70 | 90-14M-55 |
| 112 | 10A | | | | 499.11 | 28 | 496.32 | — | 135 | — | 100.0 | 70 | 112-14M-55 |
| 144 | 10A | 641.71 | 28 | | 638.92 | — | 135 | — | 100.0 | 70 | 144-14M-55 | | |
| 168 | 10A | 748.66 | 28 | | 745.87 | — | 135 | — | 100.0 | 70 | 168-14M-55 | | |
| 192 | 10A | 855.62 | 28 | | 852.82 | — | 135 | — | 100.0 | 70 | 192-14M-55 | | |
| 216 | 10A | 962.57 | 28 | | 959.76 | — | 150 | — | 110.0 | 70 | 216-14M-55 | | |

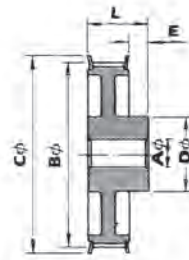
DAVAL GEARS HTD Pulleys

20mm pitch, 115 belt

Parallel bore



type 6F



type 6WF

All dimensions in mm
Bore tolerances to H8 limits

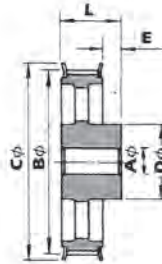
These pulleys are also available for use with 50mm and 85mm wide belts. Details available on request.

Pulleys with taper bores to suit commercially available taper bushes can be supplied.

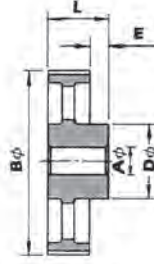
NOTE:

The peripheral speed of a cast-iron pulley must not exceed 30 metres per second.

*This is the maximum bore diameter allowable.



type 6AF



type 6A

| No. Teeth | style | Pitch Dia. | Outside Dia. | Flange Dia. | pilot bore diameter | face width | hub projection (plain side) | hub diameter | web diameter | length thru bore | Catalogue No. |
|-----------|-------|------------|--------------|-------------|---------------------|------------|-----------------------------|--------------|--------------|------------------|---------------|
| 34 | 6F | 216.45 | 212.14 | 240 | 32 | 136.5 | 32 | 165 | - | 168.5 | 34 -20M-115 |
| 36 | 6F | 229.18 | 224.86 | 250 | 32 | 136.5 | 32 | 178 | - | 168.5 | 36 -20M-115 |
| 38 | 6F | 241.91 | 237.59 | 265 | 32 | 136.5 | 32 | 181 | - | 168.5 | 38 -20M-115 |
| 40 | 6F | 254.66 | 250.31 | 275 | 32 | 136.5 | 32 | 203 | - | 168.5 | 40 -20M-115 |
| 44 | 6F | 280.11 | 275.79 | 300 | 32 | 136.5 | 32 | 210 | - | 168.5 | 44 -20M-115 |
| 48 | 6F | 305.58 | 301.26 | 325 | 32 | 136.5 | 32 | 228 | - | 168.5 | 48 -20M-115 |
| 52 | 6F | 331.03 | 326.72 | 2489 | 32 | 136.5 | 32 | 228 | - | 168.5 | 52 -20M-115 |
| 56 | 6F | 356.51 | 351.94 | 375 | 32 | 136.5 | 32 | 228 | - | 168.5 | 56 -20M-115 |
| 60 | 6WF | 381.96 | 377.64 | 404 | 38 | 136.5 | 32 | 228 | 318 | 168.5 | 60 -20M-115 |
| 64 | 6WF | 407.44 | 403.12 | 430 | 38 | 136.5 | 32 | 228 | 343 | 168.5 | 64 -20M-115 |
| 68 | 6WF | 432.61 | 428.57 | 455 | 38 | 136.5 | 32 | 228 | 366 | 168.5 | 68 -20M-115 |
| 72 | 6AF | 458.36 | 454.05 | 480 | 38 | 136.5 | 32 | 228 | 394 | 168.5 | 72 -20M-115 |
| 80 | 6AF | 509.29 | 504.97 | 530 | 38 | 136.5 | 32 | 280 | 445 | 168.5 | 80 -20M-115 |
| 90 | 6AF | 572.94 | 568.62 | 595 | 38 | 136.5 | 32 | 280 | 518 | 168.5 | 90 -20M-115 |
| 112 | 6A | 713.00 | 708.68 | - | 38 | 136.5 | 32 | 280 | 648 | 168.5 | 112 -20M-115 |
| 144 | 6A | 916.73 | 912.41 | - | 44 | 136.5 | 32 | 300 | 852 | 168.5 | 144 -20M-115 |
| 168 | 6A | 1069.51 | 1065.19 | - | 44 | 136.5 | 32 | 300 | 1005 | 168.5 | 168 -20M-115 |
| 192 | 6A | 1222.29 | 1217.98 | - | 48 | 136.5 | 32 | 300 | 1158 | 168.5 | 192 -20M-115 |
| 216 | 6A | 1375.05 | 1370.53 | - | 48 | 136.5 | 32 | 300 | 1300 | 168.5 | 216 -20M-115 |