

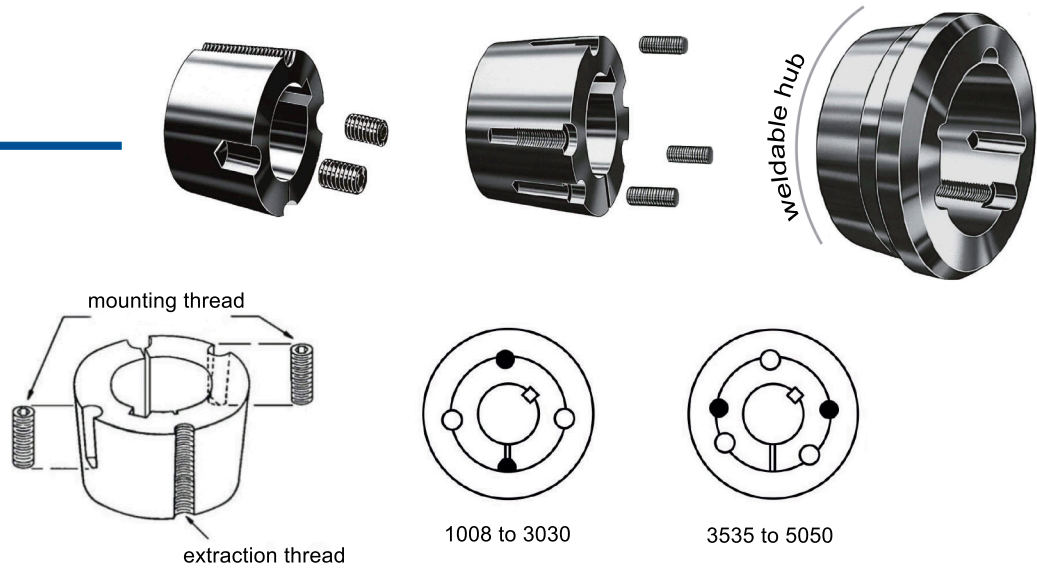


Martin

PULLEYS & TAPERS



TAPERS



TAPERS - METRIC

REF.	Standard shaft diameter with keyway
1008	10 - 11 - 12 - 14 - 15 - 16 - 18 - 19 - 20 - 22 - 24 - 25
1108	10 - 11 - 12 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 22 - 24 - 25 - 26 - 28
1210	11 - 12 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 22 - 24 - 25 - 28 - 30 - 32
1215	22 - 24 - 28 - 30
1610	14 - 15 - 16 - 18 - 19 - 20 - 22 - 24 - 25 - 28 - 30 - 32 - 35 - 38 - 40 - 42
1615	14 - 15 - 16 - 18 - 19 - 20 - 22 - 24 - 25 - 28 - 30 - 32 - 35 - 38 - 40 - 42
2012	14 - 16 - 18 - 19 - 20 - 22 - 24 - 25 - 28 - 30 - 32 - 35 - 38 - 40 - 42 - 45 - 48 - 50
2517	16 - 18 - 19 - 20 - 22 - 24 - 25 - 28 - 30 - 32 - 35 - 38 - 40 - 42 - 45 - 48 - 50 - 55 - 60 - 65
3020	25 - 28 - 30 - 32 - 35 - 38 - 40 - 42 - 45 - 48 - 50 - 55 - 60 - 65 - 70 - 75
3030	35 - 38 - 40 - 42 - 45 - 48 - 50 - 55 - 60 - 65 - 70 - 75
3525	35 - 38 - 40 - 42 - 45 - 48 - 50 - 55 - 60 - 65 - 70 - 75 - 80 - 85 - 90 - 95 - 100
3535	35 - 38 - 40 - 42 - 45 - 48 - 50 - 55 - 60 - 65 - 70 - 75 - 80 - 85 - 90
4030	40 - 42 - 45 - 48 - 50 - 55 - 60 - 65 - 70 - 75 - 80 - 85 - 90 - 95 - 100 - 105 - 110
4040	35 - 40 - 42 - 45 - 48 - 50 - 55 - 60 - 65 - 70 - 75 - 80 - 85 - 90 - 95 - 100
4535	55 - 60 - 65 - 70 - 75 - 80 - 85 - 90 - 95 - 100 - 105 - 110 - 115 - (120 - 125 consultar)
4545	55 - 60 - 65 - 70 - 75 - 80 - 85 - 90 - 95 - 100 - 105 - 110 - (115 - 120 consultar)
5050	70 - 75 - 80 - 85 - 90 - 95 - 100 - 105 - 110 - 115 - 120 - 125

TAPERS - INCHES

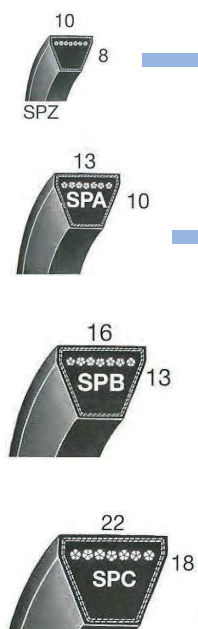
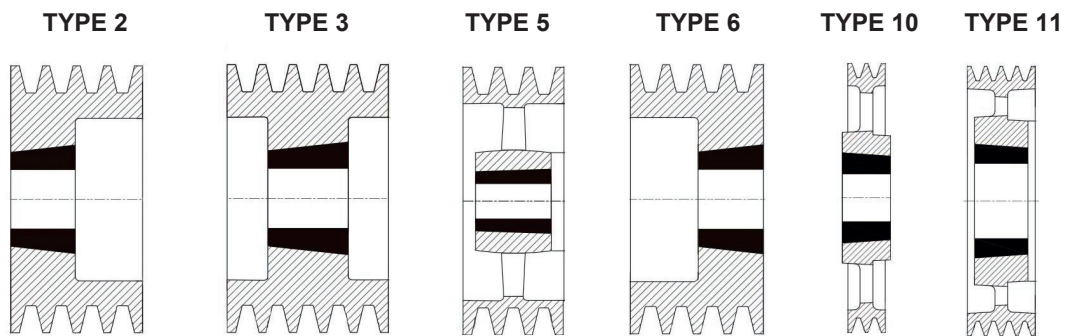
REF.	Standard shaft diameter with keyway
1008	3/8 - 1/2 - 5/8 - 3/4 - 13/16 - 7/8 - 15/16 - 1
1108	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 1 - 1.1/16 - 1.1/8
1210	1/2 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1 - 1.1/8 - 1.3/16 - 1.1/4
1215	5/8 - 3/4 - 7/8 - 1 - 1.1/8 - 1.1/4
1610	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 - 1.3/16 - 1.1/4 - 1.5/16 - 1.3/8 - 1.7/16 - 1.1/2 - 1.5/8
1615	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1.1/8 - 1.1/4 - 1.3/8 - 1.7/16 - 1.1/2 - 1.5/8
2012	5/8 - 3/4 - 7/8 - 15/16 - 1 - 1.1/8 - 1.3/16 - 1.1/4 - 1.5/16 - 1.3/8 - 1.7/16 - 1.1/2 - 1.5/8 - 1.3/4 - 1.7/8 - 1.15/16 - 2
2517	3/4 - 7/8 - 15/16 - 1 - 1.1/8 - 1.1/4 - 1.3/8 - 1.7/16 - 1.1/2 - 1.5/8 - 1.11/16 - 1.3/4 - 1.7/8 - 1.15/16 - 2 - 2.1/8 - 2.3/16 - 2.1/4 - 2.3/8 - 2.1/2
3020	1.1/4 - 1.3/8 - 1.1/2 - 1.5/8 - 1.11/16 - 1.3/4 - 1.7/8 - 2 - 2.1/8 - 2.3/16 - 2.1/4 - 2.3/8 - 2.7/16 - 2.1/2 - 2.5/8 - 2.11/16 - 2.3/4 - 2.7/8 - 2.15/16 - 3
3030	1.1/4 - 1.3/8 - 1.1/2 - 1.5/8 - 1.3/4 - 1.7/8 - 2 - 2.1/8 - 2.1/4 - 2.3/8 - 2.1/2 - 2.5/8 - 2.11/16 - 2.3/4 - 2.7/8 - 3
3525	1.1/2 - 1.5/8 - 1.3/4 - 1.7/8 - 2 - 2.1/8 - 2.1/4 - 2.3/8 - 2.1/2 - 2.5/8 - 2.3/4 - 2.7/8 - 3 - 3.1/8 - 3.1/4 - 3.3/8 - 3.1/2 - 3.3/4 - 4
3535	1.1/2 - 1.5/8 - 1.3/4 - 1.7/8 - 2 - 2.1/8 - 2.1/4 - 2.3/8 - 2.1/2 - 2.5/8 - 2.3/4 - 2.7/8 - 3 - 3.1/8 - 3.1/4 - 3.3/8 - 3.1/2
4030	1.3/4 - 1.7/8 - 2 - 2.1/8 - 2.1/4 - 2.3/8 - 2.1/2 - 2.5/8 - 2.3/4 - 2.7/8 - 3 - 3.1/8 - 3.1/4 - 3.3/8 - 3.1/2 - 3.3/4 - 4 - 4.1/4 - 4.1/2
4040	1.3/4 - 1.7/8 - 2 - 2.1/8 - 2.1/4 - 2.3/8 - 2.1/2 - 2.5/8 - 2.3/4 - 2.7/8 - 3 - 3.1/8 - 3.1/4 - 3.3/8 - 3.1/2 - 3.3/4 - 3.15/16 - 4
4535	2.1/4 - 2.3/8 - 2.1/2 - 2.5/8 - 2.3/4 - 2.7/8 - 3 - 3.1/8 - 3.1/4 - 3.3/8 - 3.1/2 - 3.3/4 - 4 - 4.1/4 - 4.1/2 - 4.3/4 - 5
4545	2.1/4 - 2.3/8 - 2.1/2 - 2.5/8 - 2.3/4 - 2.7/8 - 3 - 3.1/8 - 3.1/4 - 3.3/8 - 3.1/2 - 3.3/4 - 4 - 4.1/4 - 4.1/2
5050	3 - 3.1/8 - 3.1/4 - 3.1/2 - 3.3/4 - 4 - 4.1/4 - 4.1/2 - 4.3/4 - 5

Larger sizes available (from 6050 to 120100). Consult for more information.



PULLEYS FOR TRAPEZIAL TAPERS

FINISHES



MARTIN V-belt pulleys are manufactured from high quality cast iron and are machined with a surface finish to ensure perfect belt fit. The standard manufacturing conforms to the profiles SPZ/Z/3V - SPA/A - SPB/B/5V - SPC/C.

The pulleys are manufactured according to ISO 4183-1980 and DIN 2211

- **MATERIAL** Fine grain cast iron. Grade 260-200
- **ECCENTRICITY** DIN 2211
- **FLANK TOLERANCE** DIN 2211
- **CHANNEL**
- **ISO SURFACE ROUGHNESS** 254-1981
- **GRADE OF QUALITY OF THE BALANCED** ISO 1940-1973
Stock pulleys are balanced with Q 6.3 grade.

MPC PULLEYS® POLY-CHAIN®

PB 8MX 22S 12 - TB

Finish

PB minimum hole

Belt pitch

8 mm (8M)
14 mm (14M)

Taper options

TB 1008, 1108... 120100
QD JA, SH, SDS...

Belt width (mm)

12, 21, 36, 62
20, 37, 68, 90, 125

Number of teeth

The incorporation of our MPC® line of pulleys makes Martin at your option for all your needs of pulleys.

Synchronous MPC® pulleys are available in different configurations.

- Available in 8mm (8M) and 14 mm (14M).
- ABand widths:
 - For 8M
12 mm, 21 mm, 36 mm, 62 mm
 - For 14M
20 mm, 37 mm, 68 mm, 90 mm, 125 mm
- Available in TB or other special adapters.
- Special diameters and widths available.
- Special materials available.



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