SYNCHRONOUS DRIVES

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STOCK TIMING PULLEYS
1/5" - 7/8" PITCH
QD, TAPER BUSHED
AND STOCK BORE

Stock Bore

Taper Bushed

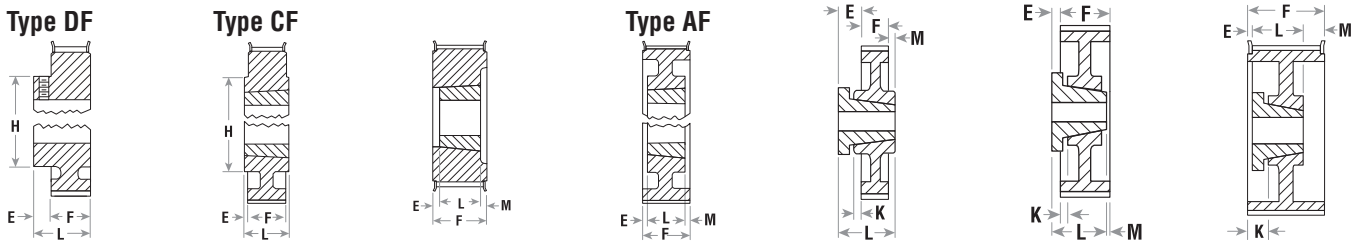
QD

Pitch (Inches)	Pulley Designation
1/5"	XL (Extra Light)
3/8"	L (Light)
1/2"	H (Heavy)
7/8"	XH (Extra Heavy)

Martin Timing Pulleys are manufactured to extremely close specifications and are stocked in minimum plain bore, Taper Bushed and QD bushed styles depending on size and pitch.

See tables for stock pulley types. Bushings are priced separately and must be added to pulley price.

Illustrations below indicate stock pulley construction type listed in tables.



"F" designation in pulley type means pulley is flanged. When drive center distance is eight times the diameter of the smaller pulley or when drive is operating on vertical shafts, both pulleys should be flanged.

DEFINITION OF CATALOG NUMBERS

EX: TB 20L100
- TB — Requires Taper Bushing
- 20 — Number of Teeth
- L — 3/8" Pitch (Light)
- 100 — Belt Width 1"

EX: 72L100SD
- 72 — Number of Teeth
- L — 3/8" Pitch (Light)
- 100 — Belt Width 1"
- SD — Requires QD Bushing

EX: 16L100
- Min. Plain Bore

Pulley Style Designation As Shown in Tables

Dash 1 = Block Body Style
Dash 2 = Web Style
Dash 3 = Arm/Spoke Style

Size XXH (1-1/4" Pitch).
Available as made-to-order.
Call your nearest Martin facility.

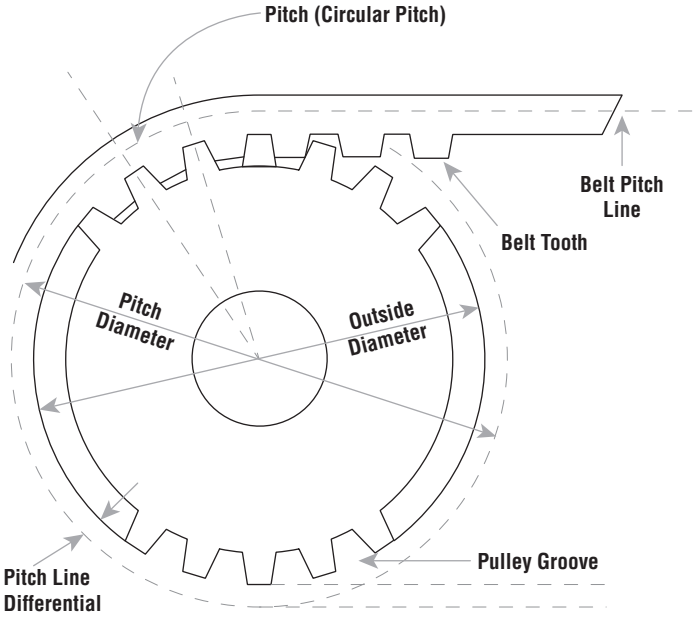
Pulley sizes shown stocked as stock bore only: max. bore listed is without keyway. If keyway is used reduce max. bore by twice keyway depth.

Let us quote your made-to-order and large quantity requirements.

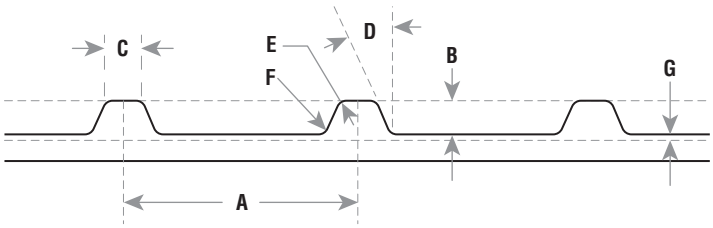
Timing Pulley Terminology

Timing belts and pulleys — in order to handle a wide range of loads, speeds and applications at highest possible efficiencies — are made in five stock pitches. Circular pitch (usually referred to as pitch) is a basic consideration in the selection of timing pulleys as with gear and chain drives. Pitch is the distance between groove centers and is measured on the pulley pitch circle. On the belt, pitch is the distance between tooth centers and is measured on the pitch line of the belt.

The pitch line of the belt is located within the tension member and coincides with the pitch circle of the pulley mating with it. Any timing belt must be run with pulleys of the same pitch. A belt of one pitch cannot be used successfully with pulleys of a different pitch.



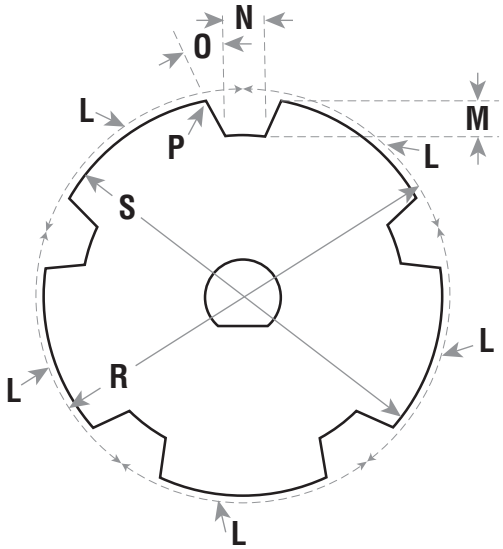
TIMING BELT TERMINOLOGY



- **A** Pitch of Teeth
- **B** Depth of Teeth
- **C** Width at Bottom of Teeth
- **D** Pressure Angle
- **E** Radius at Bottom of Teeth
- **F** Radius at Top of Teeth
- **G** Pitch Line Differential

Belt P.L. = “A” X Total No. of Teeth in Belt

TIMING PULLEY TERMINOLOGY



- **L** Circular Pitch of Groove
- **M** Minimum Depth of Groove, Including Clearance
- **N** Width of Groove at Minimum Depth, Including Clearance
- **O** Pressure Angle
- **P** Top Radius of Groove
- **R** Pitch Diameter (Always > S)
- **S** Outside Diameter

Timing Pulley Terminology

Timing Pulleys

Timing pulleys have evenly spaced axial grooves cut in their periphery to make correct, positive engagement with the mating teeth of the belt. These pulleys are designed so that the teeth of the belt enter and leave the grooves with negligible friction. All pulleys, stock and made-to-order, have minimum tooth-to-groove clearance (backlash). The pulley's pitch diameter will always be greater than its outside diameter. Pulleys are available in a wide range of stock widths and diameters.

Minimum Pulley Diameters

Pitch	Speed RPM	Recommended minimum* Pitch (diam. in)	No. of grooves
1/5 in (XL)	3500	.764	12 XL
	1750	.637	10 XL
	1160	.637	10 XL
3/8 in (L)	3500	1.910	16 L
	1750	1.671	14 L
	1160	1.432	12 L
1/2 in (H)	3500	3.183	20 H
	1750	2.865	18 H
	1160	2.546	16 H
7/8 in (XH)	1750	7.242	26 XH
	1160	6.685	24 XH
	870	6.127	22 XH
1-1/4 in (XXH)	1750	10.345	26 XXH
	1160	9.549	24 XXH
	870	8.754	22 XXH

*Smaller diameter pulleys can be used if a corresponding reduction in belt service life is satisfactory.

Flanged Pulleys

Because timing belts have an inherent, gentle side thrust, it is necessary to use at least one flanged pulley to prevent the belt from riding off. Generally, for economy, the smaller pulley in each drive is flanged. However, when the center distance is greater than eight times the diameter of the smaller pulley on drive ratios less than 3 to 1, or when the drive is operated on other than horizontal shafts — both pulleys should be flanged. When a drive has three pulleys, at least two should be flanged. If the drive has more than three pulleys, every other pulley should be flanged.

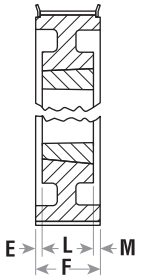
Pulley Diameters

Stock timing belts should not be used over pulley diameters less than those recommended above without expecting some reduction in belt life. This reduced belt life is the result of flex fatigue of the steel tension members in the belt. If pulleys smaller than recommended must be used, the use of special timing belts should be considered.

Stock Timing Pulleys

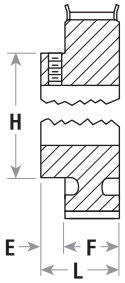
XL
1/5" Pitch

Type AF



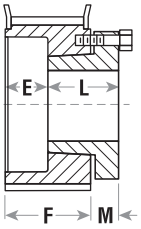
Type A

Type DF



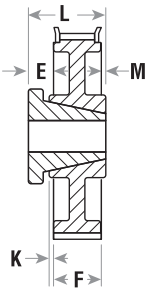
Type D

Type EF



Type E

Type GF



Type G

Dash 1 = Solid Style **Dash 2 = Web Style** **Dash 3 = Arm/Spoke Style**

"F" type description indicates flanged.

XL - 1/5" Pitch

XL 037 For Belts 1/4" and 3/8" Wide

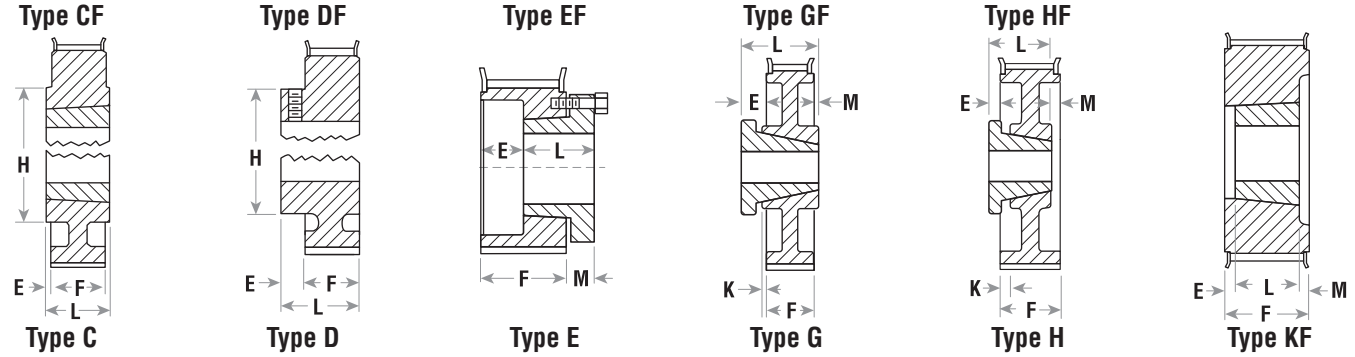
Minimum Plain Bore **F = 9/16**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bore		E	H	L	Wt.
					Stock	Max.				
10	10XL037	0.637	0.929	DF-1	0.1875	0.25	0.2188	0.4375	0.7813	0.03
11	11XL037	0.700	0.929	DF-1	0.1875	0.25	0.2188	0.4375	0.7813	0.04
12	12XL037	0.764	0.993	DF-1	0.1875	0.3125	0.2188	0.5	0.7813	0.06
14	14XL037	0.891	1.120	DF-1	0.25	0.375	0.2188	0.5625	0.7813	0.08
15	15XL037	0.955	1.184	DF-1	0.25	0.4375	0.2188	0.6250	0.7813	0.09
16	16XL037	1.019	1.248	DF-1	0.25	0.5	0.2188	0.6875	0.7813	0.10
18	18XL037	1.146	1.375	DF-1	0.25	0.5625	0.2188	0.8125	0.7813	0.13
20	20XL037	1.273	1.502	DF-1	0.25	0.6875	0.3125	0.9375	0.875	0.18
21	21XL037	1.337	1.566	DF-1	0.25	0.6875	0.3125	0.9375	0.875	0.19
22	22XL037	1.401	1.630	DF-1	0.25	0.75	0.3125	1	0.875	0.22
24	24XL037	1.528	1.756	DF-1	0.25	0.8125	0.3125	1.0625	0.875	0.25
28	28XL037	1.783	2.011	DF-1	0.25	0.9375	0.3125	1.1875	0.875	0.34
30	30XL037	1.910	2.138	DF-1	0.3125	1.0625	0.3125	1.375	0.875	0.41
32	32XL037	2.037	—	D-1	0.3125	1.1875	0.4375	1.5	1	0.25
36	36XL037	2.292	—	D-1	0.3125	1.1875	0.4375	1.5	1	0.29
40	40XL037	2.546	—	D-1	0.3125	1.1875	0.4375	1.5	1	0.35
42	42XL037	2.674	—	D-1	0.3125	1.1875	0.4375	1.5	1	0.31
44	44XL037	2.801	—	D-1	0.3125	1.1875	0.4375	1.5	1	0.34
48	48XL037	3.056	—	D-1	0.3125	1.1875	0.4375	1.5	1	0.63
60	60XL037	3.820	—	D-1	0.375	1.1875	0.4375	1.5	1	0.90
72	72XL037	4.584	—	D-1	0.375	1.1875	0.4375	1.5	1	0.50

Note: XL Pulleys stocked min. plain bore with 2 setscrews @ 90˚. If keyway is used, reduce max. bore by twice keyway depth.
Pulley O.D. = P.D. – .02".

L
3/8" Pitch

Stock Timing Pulleys



L - 3/8" Pitch

L050 For Belts 1/2" Wide **Minimum Plain Bore** **F = 3/4**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bore		Dimensions			Wt.
					Stock	Max.	E	H	L	
10	10L050	1.194	1.4375	DF-1	0.375	0.5625	0.375	0.8125	1.125	0.28
12	12L050	1.432	1.6719	DF-1	0.375	0.8125	0.5	1.0625	1.25	0.30
13	13L050	1.552	1.75	DF-1	0.375	0.8125	0.5	1.125	1.25	0.35
14	14L050	1.671	1.9219	DF-1	0.375	0.875	0.5	1.125	1.25	0.40
15	15L050	1.790	2	DF-1	0.5	0.9375	0.5	1.125	1.25	0.50
16	16L050	1.910	2.1563	DF-1	0.5	1.125	0.625	1.4375	1.375	0.60
17	17L050	2.029	2.2813	DF-1	0.5	1.125	0.625	1.5	1.375	0.65
18	18L050	2.149	2.3906	DF-1	0.5	1.1875	0.625	1.625	1.375	0.75
19	19L050	2.268	2.375	DF-1	0.5	1.1875	0.625	1.625	1.375	0.80
20	20L050	2.387	2.625	DF-1	0.5	1.25	0.625	1.6875	1.375	0.94
21	21L050	2.507	2.75	DF-1	0.5	1.3125	0.6875	1.875	1.4375	1.00
22	22L050	2.626	2.875	DF-1	0.5	1.5	0.75	2	1.5	1.10
24	24L050	2.865	3.1094	DF-1	0.5	1.625	0.75	2.25	1.5	1.60
26	26L050	3.104	3.3438	DF-1	0.5	1.625	0.75	2.50	1.5	2.30
28	28L050	3.342	3.5781	DF-1	0.5	1.625	0.75	2.75	1.5	2.50
30	30L050	3.581	3.8281	DF-1	0.5	1.625	0.75	2.375	1.5	2.70
32	32L050	3.820	4.0625	DF-1	0.5	1.875	0.875	3.0625	1.625	3.00

L Pulleys 10 - 16 teeth min. plain bore stocked with 1 set screw. If keyway is used, reduced max. bore by twice keyway depth.

Dimensions in inches. Weight in pounds
Pulley O.D. = P.D. – .03"

L - 3/8" Pitch

L050 For Belts 1/2" Wide (3/8" Pitch) **QD Type** **F = 3/4**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range		Dimensions				Wt. Less Bush
						Min.	Max.	E	K	L	M	
18	18L050JA	2.149	2.3906	EF-1*	JA	0.5	1.25	0.1875	—	1.0625	0.5	0.40
20	20L050JA	2.387	2.625	EF-1*	JA	0.5	1.25	0.1875	—	1.0625	0.5	0.50
22	22L050JA	2.626	2.875	EF-1*	JA	0.5	1.25	0.1875	—	1.0625	0.5	0.70
24	24L050SH	2.865	3.1094	GF-1+	SH	0.5	1.6875	0.5625	—	1.3125	—	0.70
26	26L050SH	3.104	3.3438	GF-1+	SH	0.5	1.6875	0.5625	—	1.3125	—	1.00
28	28L050SH	3.342	3.5781	GF-1+	SH	0.5	1.6875	0.5625	—	1.3125	—	1.10
30	30L050SDS	3.581	3.8281	GF-1	SDS	0.5	2	0.625	—	1.375	—	1.10
32	32L050SDS	3.820	4.0625	GF-1	SDS	0.5	2	0.625	—	1.375	—	1.40
36	36L050SDS	4.297	4.5313	GF-1	SDS	0.5	2	0.625	—	1.375	—	2.00
40	40L050SDS	4.775	5.0156	GF-1	SDS	0.5	2	0.625	—	1.375	—	2.80
44	44L050SDS	5.252	5.4844	GF-1	SDS	0.5	2	0.625	—	1.375	—	3.60
48	48L050SDS	5.730	6.0156	GF-1	SDS	0.5	2	0.625	—	1.375	—	4.40
60	60L050SD	7.162	—	G-3	SD	0.5	2	0.875	0.25	1.8125	0.25	4.20
72	72L050SD	8.594	—	G-3	SD	0.5	2	0.875	0.25	1.8125	0.25	6.60
84	84L050SD	10.027	—	G-3	SD	0.5	2	0.875	0.25	1.8125	0.25	5.80

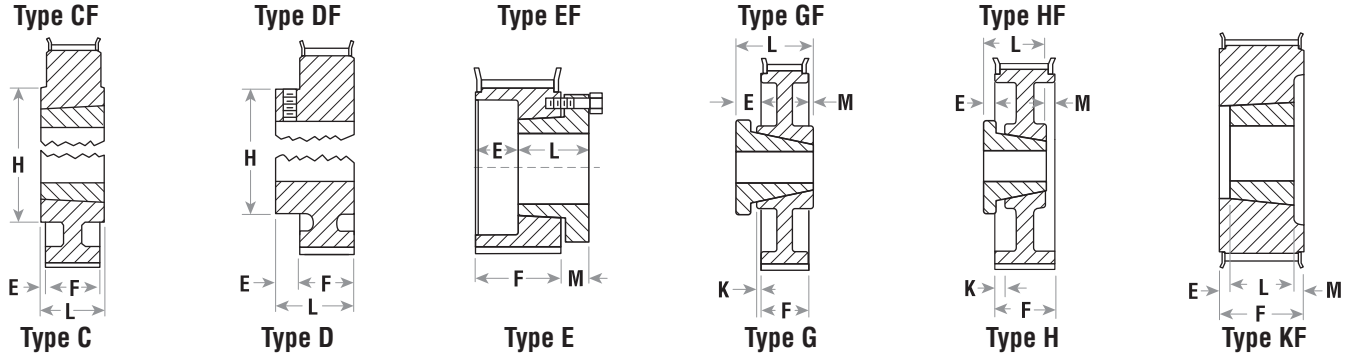
Dimensions in inches. Weight in pounds
Pulley O.D. = P.D. – .03"
*Reverse mount drilled only
+Bushing Projects 1/16 on Small End.

L050 Taper Bushed on Page K7

Stock Timing Pulleys

L

3/8" Pitch



L - 3/8" Pitch

L050 For Belts 1/2" Wide (3/8" Pitch) **Taper Bushed Type** **F = 3/4**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range		Dimensions				Wt. Less Bush
						Min.	Max.	E	K	L	M	
18	TB18L050	2.149	2.3906	CF-1	1008	0.5	1	0.125	1.875	0.875	—	0.45
20	TB20L050	2.387	2.625	CF-1	1008	0.5	1	0.125	1.6875	0.875	—	0.68
22	TB22L050	2.626	2.875	CF-1	1008	0.5	1	0.125	2	0.875	—	0.90
24	TB24L050	2.865	3.1094	CF-1	1210	0.5	1.25	0.25	2.25	1	—	1.00
26	TB26L050	3.104	3.3438	CF-1	1210	0.5	1.25	0.25	2.5	1	—	1.20
28	TB28L050	3.342	3.5781	CF-1	1610	0.5	1.25	0.25	2.75	1	—	1.40
30	TB30L050	3.581	3.8281	CF-1	1610	0.5	1.625	0.25	2.875	1	—	1.50
32	TB32L050	3.820	4.0625	CF-1	1610	0.5	1.625	0.25	3.0625	1	—	1.90
40	TB40L050	4.775	5.0156	CF-1	2012	0.5	2	0.50	3.6875	1.25	—	2.40
48	TB48L050	5.730	6.0156	CF-1	2012	0.5	2	0.50	3.6875	1.25	—	3.20
60	TB60L050	7.162	—	C-2	2012	0.5	2	0.25	4.375	1.25	0.25	4.90

Dimensions in inches. Weight in pounds
Pulley O.D. = P.D. – .03"

L - 3/8" Pitch

L075 For Belts 3/4" Wide (3/8" Pitch) **Minimum Plain Bore** **F = 1**

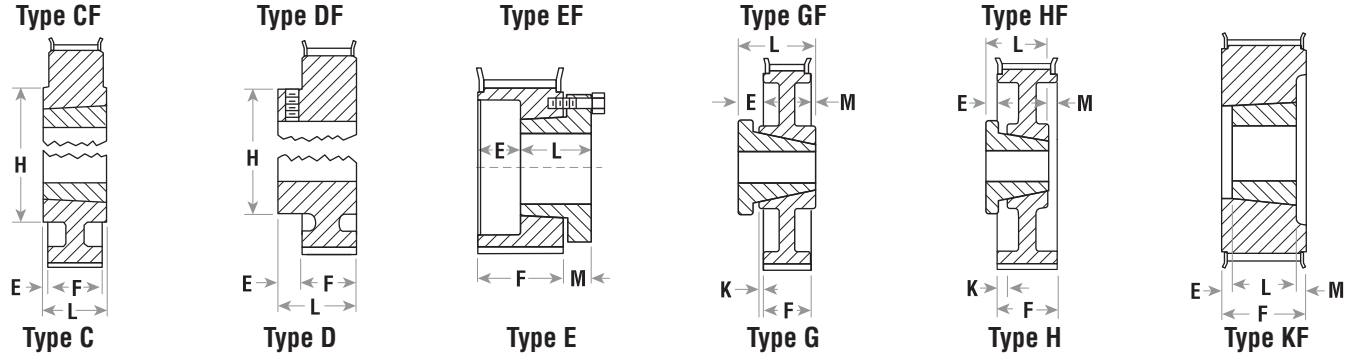
No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bore		Dimensions			Wt.
					Stock	Max.	E	H	L	
12	12L075	1.432	1.6719	DF-1	0.375	0.8125	0.5	1.0625	1.5	0.40
14	14L075	1.671	1.9219	DF-1	0.375	0.875	0.5	1.125	1.5	0.50
16	16L075	1.910	2.1563	DF-1	0.5	1.125	0.625	1.4375	1.625	0.70
18	18L075	2.149	2.3906	DF-1	0.5	1.1875	0.625	1.625	1.625	0.90
20	20L075	2.387	2.625	DF-1	0.5	1.25	0.625	1.6875	1.625	1.50
22	22L075	2.626	2.875	DF-1	0.625	1.5	0.75	2	1.75	1.80
24	24L075	2.865	3.1094	DF-1	0.625	1.625	0.75	2.25	1.75	2.10
26	26L075	3.104	3.3438	DF-1	0.625	1.625	0.875	2.5	1.875	2.80
28	28L075	3.342	3.5781	DF-1	0.625	1.875	1	2.75	2	3.10
30	30L075	3.581	3.8281	DF-1	0.625	1.875	1	2.875	2	3.40
32	32L075	3.820	4.0625	DF-1	0.625	1.875	1	3.0625	2	3.70

Dimensions in inches. Weight in pounds.
Pulley O.D. = P.D. – .03"
L Pulleys 12 - 16 teeth min. plain bore stocked with 1-SS. If keyway is used, reduce max. bore by twice keyway depth.

L
3/8" Pitch

Stock Timing Pulleys

Martin



Dash 1 = Solid Style **Dash 2 = Web Style** **Dash 3 = Arm/Spoke Style**

L - 3/8" Pitch

L075 For Belts 3/4" Wide (3/8" Pitch) **QD Type** **F = 1**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range		Dimensions				Wt. Less Bush
						Min.	Max.	E	K	L	M	
18	18L075JA	2.149	2.3906	EF-1*	JA	0.5	1.25	0.4375	—	1.0625	0.5	0.50
20	20L075JA	2.387	2.625	EF-1*	JA	0.5	1.25	0.4375	—	1.0625	0.5	0.70
22	22L075JA	2.626	2.875	EF-1*	JA	0.5	1.25	0.4375	—	1.0625	0.5	0.80
24	24L075SH	2.865	3.1094	EF-1*	SH	0.5	1.6875	0.1875	—	1.3125	0.5625	0.80
26	26L075SH	3.104	3.3438	EF-1*	SH	0.5	1.6875	0.1875	—	1.3125	0.5625	1.10
28	28L075SH	3.342	3.5781	EF-1*	SH	0.5	1.6875	0.1875	—	1.3125	0.5625	1.30
30	30L075SDS	3.581	3.8281	EF-1*	SDS	0.5	2	0.25	—	1.375	0.625	1.50
32	32L075SDS	3.82	4.0625	EF-1*	SDS	0.5	2	0.25	—	1.375	0.625	1.70
36	36L075SDS	4.297	4.5313	HF-1	SDS	0.5	2	0.375	0.25	1.375	0	2.30
40	40L075SDS	4.775	5.0156	HF-1	SDS	0.5	2	0.375	0.25	1.375	0	3.10
44	44L075SDS	5.252	5.4844	HF-1	SDS	0.5	2	0.375	0.25	1.375	0	4.00
48	48L075SDS	5.730	6.0156	HF-1	SDS	0.5	2	0.375	0.25	1.375	0	4.60
60	60L075SD	7.162	—	G-3	SD	0.5	2	0.6875	0.125	1.8125	0.125	4.70
72	72L075SD	8.594	—	G-3	SD	0.5	2	0.6875	0.125	1.8125	0.125	6.50
84	84L075SD	10.027	—	G-3	SD	0.5	2	0.6875	0.125	1.8125	0.125	6.30

Dimensions in inches. Weight in pounds
Pulley O.D. = P.D. – .03"
*Reverse mount only

L - 3/8" Pitch

L075 For Belts 3/4" Wide (3/8" Pitch) **Taper Bushed Type** **F = 1**

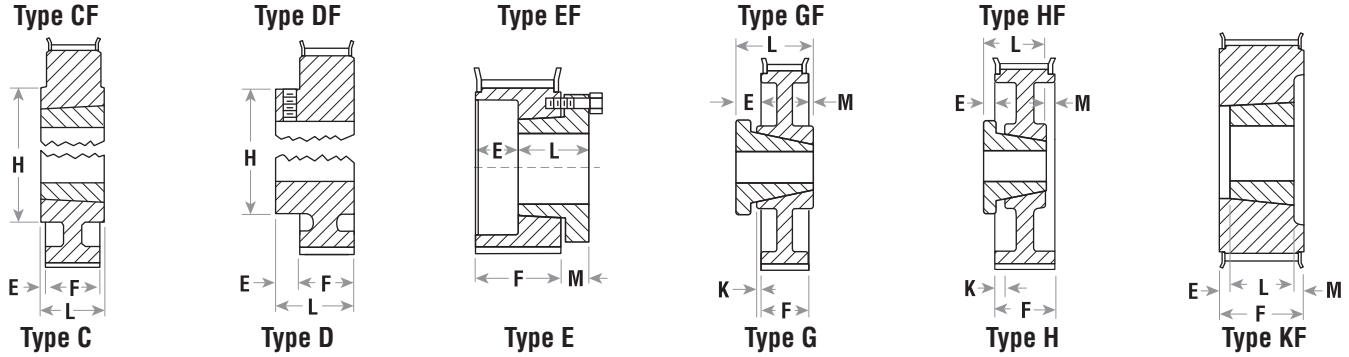
No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range		Dimensions				Wt. Less Bush
						Min.	Max.	E	K	L	M	
18	TB18L075	2.149	2.3906	KF-1	1008	0.5	1	0.125	—	0.875	—	0.50
20	TB20L075	2.387	2.625	KF-1	1008	0.5	1	0.125	—	0.875	—	0.70
22	TB22L075	2.626	2.875	KF-1	1008	0.5	1	0.125	—	0.875	—	1.10
24	TB24L075	2.865	3.1094	KF-1	1210	0.5	1.25	—	—	1	—	0.90
26	TB26L075	3.104	3.3438	KF-1	1210	0.5	1.25	—	—	1	—	1.30
28	TB28L075	3.342	3.5781	KF-1	1610	0.5	1.625	—	—	1	—	1.30
30	TB30L075	3.581	3.8281	KF-1	1610	0.5	1.625	—	—	1	—	1.60
32	TB32L075	3.820	4.0625	KF-1	1610	0.5	1.625	—	—	1	—	1.80
40	TB40L075	4.775	5.0156	CF-1	2012	0.5	2	0.25	3.9375	1.25	—	3.60
48	TB48L075	5.730	6.0156	CF-1	2012	0.5	2	0.25	3.9375	1.25	—	5.40
60	TB60L075	7.162	—	C-1	2012	0.5	2	0.125	4.375	1.25	0.125	7.90

Dimensions in inches. Weight in pounds
Pulley O.D. = P.D. – .03"

Stock Timing Pulleys

L

3/8" Pitch



Dash 1 = Solid Style **Dash 2 = Web Style** **Dash 3 = Arm/Spoke Style**

L - 3/8" Pitch

L100 For Belts 1" Wide (3/8" Pitch) **Minimum Plain Bore** **F = 1-1/4**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bore Range		Dimensions			Wt. Less Bush
					Min.	Max.	E	H	L	
14	14L100	1.671	1.9219	DF-1	0.375	0.875	0.500	1.1250	1.75	0.60
16	16L100	1.910	2.1563	DF-1	0.5	1.125	0.625	1.4375	1.875	0.80
17	17L100	2.029	2.2813	DF-1	0.5	1.125	0.625	1.5	1.875	1.00
18	18L100	2.149	2.3906	DF-1	0.5	1.1875	0.625	1.625	1.875	1.10
19	19L100	2.268	2.375	DF-1	0.5	1.1875	0.625	1.625	1.875	1.40
20	20L100	2.387	2.625	DF-1	0.5	1.1875	0.625	1.6875	1.875	1.75
21	21L100	2.507	2.75	DF-1	0.625	1.3125	0.6875	1.875	1.875	1.80
22	22L100	2.626	2.875	DF-1	0.625	1.5	0.75	2	2	2.00
24	24L100	2.865	3.1094	DF-1	0.625	1.625	0.75	2.25	2	2.50
26	26L100	3.104	3.3438	DF-1	0.625	1.625	0.875	2.5	2.125	3.30
28	28L100	3.342	3.5781	DF-1	0.625	1.875	1	2.75	2.25	3.60
30	30L100	3.581	3.8281	DF-1	0.625	1.875	1	2.875	2.25	4.00
32	32L100	3.820	4.0625	DF-1	0.625	1.875	1	3.0625	2.25	4.40

Dimensions in inches. Weight in pounds
Pulley O.D. = P.D. – .03"
L Pulleys 14 - 16 teeth min. plain bore stocked with 1-S.S. If keyway is used, reduce max. bore by twice keyway depth.

L - 3/8" Pitch

L100 For Belts 1" Wide (3/8" Pitch) **QD Type** **F = 1-1/4**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range		Dimensions				Wt. Less Bush
						Min.	Max.	E	K	L	M	
18	18L100JA	2.149	2.3906	EF-1*	JA	0.5	1.25	0.6875	—	1.0625	0.5	0.70
20	20L100JA	2.387	2.625	EF-1*	JA	0.5	1.25	0.6875	—	1.0625	0.5	0.90
22	22L100JA	2.626	2.875	EF-1*	JA	0.5	1.25	0.6875	—	1.0625	0.5	1.00
24	24L100SH	2.865	3.1094	EF-1*	SH	0.5	1.6875	0.4375	—	1.3125	0.5625	1.00
26	26L100SH	3.104	3.3438	EF-1*	SH	0.5	1.6875	0.4375	—	1.3125	0.5625	1.30
28	28L100SH	3.342	3.5781	EF-1*	SH	0.5	1.6875	0.4375	—	1.3125	0.5625	1.70
30	30L100SDS	3.581	3.8281	EF-1*	SDS	0.5	2	0.5	—	1.375	0.625	2.00
32	32L100SDS	3.820	4.0625	EF-1*	SDS	0.5	2	0.5	—	1.375	0.625	2.10
36	36L100SDS	4.297	4.5313	HF-1	SDS	0.5	2	0.125	0.5	1.375	0	2.60
40	40L100SDS	4.775	5.0156	HF-1	SDS	0.5	2	0.125	0.5	1.375	0	3.40
44	44L100SDS	5.252	5.4844	HF-1	SDS	0.5	2	0.125	0.5	1.375	0	4.20
48	48L100SDS	5.730	6.0156	HF-1	SDS	0.5	2	0.125	0.5	1.375	0	5.10
60	60L100SD	7.162	—	G-3	SD	0.5	2	0.625	0	1.8125	0	6.00
72	72L100SD	8.594	—	G-3	SD	0.5	2	0.625	0	1.8125	0	8.00
84	84L100SD	10.027	—	G-3	SD	0.5	2	0.625	0	1.8125	0	9.20

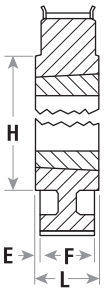
Dimensions in inches. Weight in pounds
Pulley O.D. = P.D. – .03"
*Reverse mount only

L
3/8" Pitch

Stock Timing Pulleys

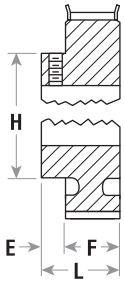
Martin

Type CF



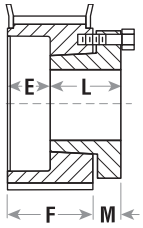
Type C

Type DF



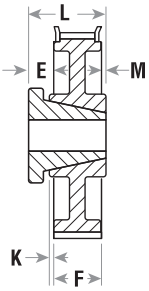
Type D

Type EF



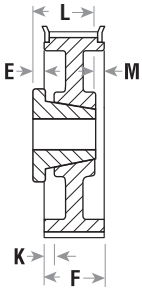
Type E

Type GF

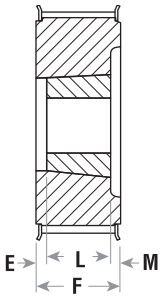


Type G

Type HF



Type H



Type KF

Dash 1 = Solid Style

Dash 2 = Web Style
"F" type description indicates flanged.

Dash 3 = Arm/Spoke Style

L - 3/8" Pitch

L100 For Belts 1" Wide (3/8" Pitch) **Taper Bushed Type** **F = 1-1/4**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range		Dimensions				Wt. Less Bush
						Min.	Max.	E	K	L	M	
18	TB18L100	2.149	2.3906	KF-1	1008	0.5	1	3/8	—	0.875	—	0.70
20	TB20L100	2.387	2.625	KF-1	1008	0.5	1	3/8	—	0.875	—	1.00
22	TB22L100	2.626	2.875	KF-1	1008	0.5	1	3/8	—	0.875	—	1.30
24	TB24L100	2.865	3.1094	KF-1	1210	0.5	1.25	1/4	—	1	—	1.30
26	TB26L100	3.104	3.3438	KF-1	1210	0.5	1.25	1/4	—	1	—	1.70
28	TB28L100	3.342	3.5781	KF-1	1610	0.5	1.625	1/4	—	1	—	1.70
30	TB30L100	3.581	3.8281	KF-1	1610	0.5	1.625	1/4	—	1	—	2.20
32	TB32L100	3.820	4.0625	KF-1	1610	0.5	1.625	1/4	—	1	—	2.70
40	TB40L100	4.775	5.0156	KF-1	2012	0.5	2	1/16	—	1.25	—	3.60
48	TB48L100	5.730	6.0156	KF-1	2012	0.5	2	1/16	—	1.25	—	5.10
60	TB60L100	7.162	—	C-2	2012	0.5	2	—	—	1.25	—	6.00

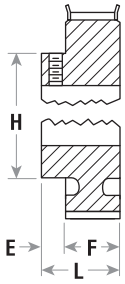
Dimensions in inches. Weight in pounds
Pulley O.D. = P.D. – .03"

Stock Timing Pulleys

H

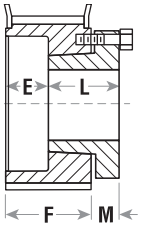
1/2" Pitch

Type DF



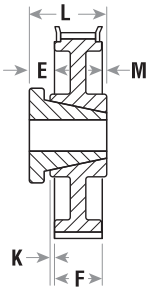
Type D

Type EF



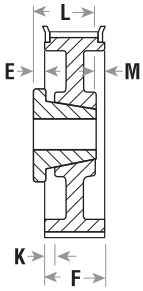
Type E

Type GF



Type G

Type HF



Type H

H - 1/2" Pitch

H100 For Belts 3/4" and 1" Wide (1/2" Pitch) **Minimum Plain Bore** **F = 1-5/16**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bore Range		Dimensions			Wt. Less Bush
					Min.	Max.	E	H	L	
14	14H100	2.228	2.4844	DF-1	0.625	1	0.625	1.5	1.9375	1.4
16	16H100	2.546	2.7969	DF-1	0.625	1.25	0.6875	2	2	2.0
18	18H100	2.865	3.1094	DF-1	0.625	1.5	0.6875	2.25	2	2.8
20	20H100	3.183	3.4375	DF-1	0.625	1.625	0.875	2.5	2.1875	3.4
21	21H100	3.342	3.5625	DF-1	0.75	1.6875	1	2.625	2.25	3.8
22	22H100	3.501	3.75	DF-1	0.75	1.875	1	2.875	2.3125	4.3
24	24H100	3.820	4.0156	DF-1	0.75	2.125	1	3.125	2.3125	5.3
26	26H100	4.138	4.3906	DF-1	0.75	2.5	1.125	3.5	2.4375	6.7
28	28H100	4.456	4.7031	DF-1	0.75	2.625	1.125	3.625	2.4375	8.0

Dimensions in inches. Weight in pounds
Pulley O.D. = P.D. – .054"

H - 1/2" Pitch

H100 For Belts 3/4" and 1" Wide (1/2" Pitch) **QD Type** **F = 1-5/16**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range	Dimensions					Wt. Less Bush
							E	H	K	L	M	
14	14H100JA	2.228	2.4844	EF-1*	JA	1/2 - 1.25	0.75	—	—	1.0625	0.5	1.0
16	16H100JA	2.546	2.7969	EF-1*	JA	1/2 - 1.25	0.75	—	—	1.0625	0.5	1.5
18	18H100SH	2.865	3.1094	EF-1*	SH	1/2 - 1.6875	0.5625	—	—	1.3125	0.5625	1.2
20	20H100SH	3.183	3.4375	EF-1*	SH	1/2 - 1.6875	0.5625	—	—	1.3125	0.5625	1.2
22	22H100SDS	3.501	3.75	EF-1*	SDS	1/2 - 2	0.5625	—	—	1.375	0.625	1.4
24	24H100SDS	3.820	4.0156	EF-1*	SDS	1/2 - 2	0.5625	—	—	1.375	0.625	1.7
26	26H100SDS	4.138	4.3906	HF-1	SDS	1/2 - 2	0.0625	—	0.5625	1.375	—	2.0
28	28H100SDS	4.456	4.7031	HF-1	SDS	1/2 - 2	0.0625	—	0.5625	1.375	—	2.6
30	30H100SD	4.775	5.0156	GF-1	SD	1/2 - 2	0.6250	—	—	1.8125	—	3.0
32	32H100SK	5.093	5.3281	GF-1	SK	1/2 - 2.625	0.6875	—	—	1.9375	—	4.9
36	36H100SK	5.730	5.9531	GF-1	SK	1/2 - 2.625	0.6875	—	—	1.9375	—	5.6
40	40H100SK	6.366	6.5781	GF-1	SK	1/2 - 2.625	0.6875	—	—	1.9375	—	8.2
44	44H100SK	7.003	7.25	GF-1	SK	1/2 - 2.625	0.6875	—	—	1.9375	—	10.0
48	48H100SK	7.639	8.0156	GF-2	SK	1/2 - 2.625	0.6875	—	—	1.9375	—	12.5
60	60H100SF	9.549	—	H-2	SF	1/2 - 2.9375	0.6875	—	—	2.0625	—	10.9
72	72H100SF	11.459	—	H-3	SF	1/2 - 2.9375	0.6875	—	—	2.0625	—	14.0
84	84H100SF	13.369	—	H-2	SF	1/2 - 2.9375	0.6875	5.125	—	2.0625	—	20.0
96	96H100SF	15.279	—	H-3	SF	1/2 - 2.9375	0.6875	5.125	—	2.0625	—	27.0
120	120H100SF	19.099	—	H-3	SF	1/2 - 2.9375	0.6875	5.125	—	2.0625	—	38.0

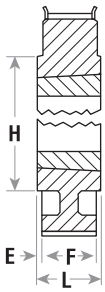
Dimensions in inches. Weight in pounds
Pulley O.D. = P.D. – .0.54"
*Reverse mount only

H
1/2" Pitch

Stock Timing Pulleys

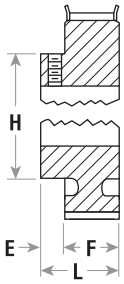
Martin

Type CF



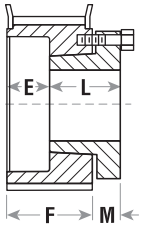
Type C

Type DF



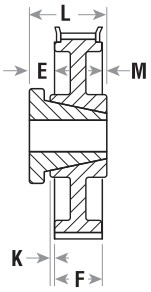
Type D

Type EF



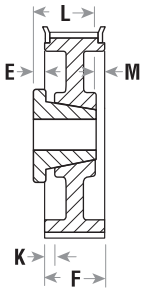
Type E

Type GF



Type G

Type HF



Type H

Dash 1 = Solid Style **Dash 2 = Web Style** **Dash 3 = Arm/Spoke Style**

"F" type description indicates flanged.

H - 1/2" Pitch

H100 For Belts 3/4" and 1" Wide (1/2" Pitch) **Taper Bushed Type** **F = 1-5/16**

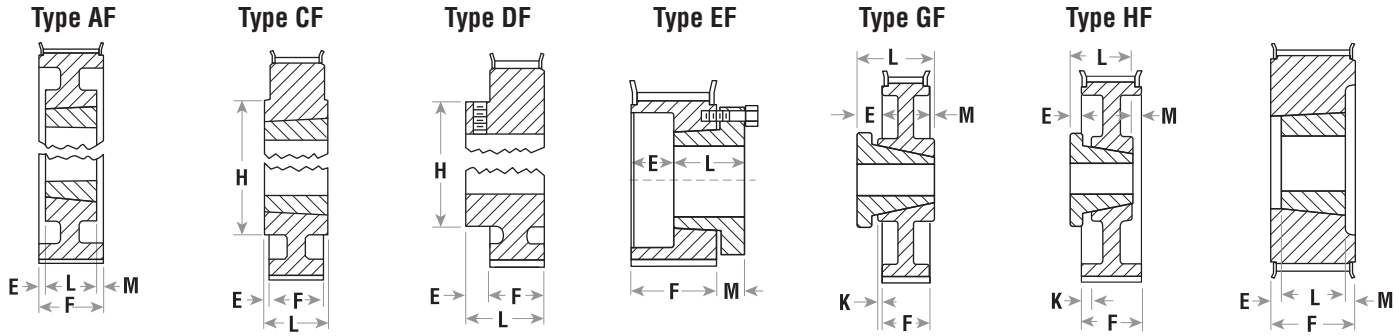
No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range	Dimensions				Wt. Less Bush
							E	H	L	M	
14	TB14H100	2.228	2.4844	KF-1	1008	0.5 - 1	0.4375	—	0.875	—	0.80
16	TB16H100	2.546	2.7969	KF-1	1008	0.5 - 1	0.4375	—	0.875	—	1.30
18	TB18H100	2.865	3.1094	KF-1	1210	0.5 - 1.25	0.3125	—	1	—	1.20
20	TB20H100	3.183	3.4375	KF-1	1210	0.5 - 1.25	0.3125	—	1	—	1.70
22	TB22H100	3.501	3.7500	KF-1	1610	0.5 - 1.625	0.3125	—	1	—	1.80
24	TB24H100	3.820	4.0156	KF-1	1610	0.5 - 1.625	0.3125	—	1	—	2.30
26	TB26H100	4.138	4.3906	KF-1	2012	0.5 - 2	0.0625	—	1.25	—	2.60
28	TB28H100	4.456	4.7031	KF-1	2012	0.5 - 2	0.0625	—	1.25	—	2.80
30	TB30H100	4.775	5.0156	KF-1	2012	0.5 - 2	0.0625	—	1.25	—	4.20
32	TB32H100	5.093	5.3281	CF-1	2517	0.5 - 2.5	0.4375	4.4375	3.25	—	4.30
40	TB40H100	6.366	6.5781	CF-1	2517	0.5 - 2.5	0.4375	4.4375	3.25	—	7.80
48	TB48H100	7.639	8.0156	CF-1	2517	0.5 - 2.5	0.4375	4.4375	3.25	—	12.10
60	TB60H100	9.549	—	C-2	3020	0.875 - 3	0.3438	6.25	2	0.3438	10.30

Dimensions in inches. Weight in pounds
Pulley O.D. = P.D. – .054"

Stock Timing Pulleys

H

1/2" Pitch



Dash 1 = Solid Style

Dash 2 = Web Style
"F" type description indicates flanged.

Dash 3 = Arm/Spoke Style

H - 1/2" Pitch

H150 For Belts 1-1/2" Wide (1/2" Pitch) **Minimum Plain Bore** **F = 1-13/16**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bore		Dimensions			Wt. Less Bush
					Min.	Max.	E	H	L	
14	14H150	2.228	2.4844	DF-1	0.75	1	0.625	1.5	2.4375	1.8
16	16H150	2.546	2.7969	DF-1	0.75	1.25	0.75	2	2.5625	2.5
18	18H150	2.865	3.1094	DF-1	0.75	1.5	0.75	2.25	2.5625	3.3
19	19H150	3.024	3.25	DF-1	0.75	1.5625	0.875	2.25	2.625	3.9
20	20H150	3.183	3.4375	DF-1	0.75	1.625	0.875	2.5	2.6875	4.3
21	21H150	3.342	3.5625	DF-1	0.75	1.6875	0.9375	2.5	2.75	5.3
22	22H150	3.501	3.75	DF-1	0.75	1.875	1	2.875	2.8125	5.4
24	24H150	3.820	4.0625	DF-1	0.75	2.125	1	3.125	2.8125	6.5
26	26H150	4.138	4.7813	DF-1	0.75	2.5	1	3.5	2.8125	8.4

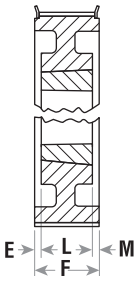
Dimensions in inches. Weight in pounds
Pulley O.D. = P.D. – .054"

H
1/2" Pitch

Stock Timing Pulleys

Martin

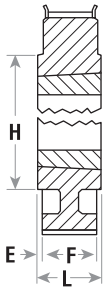
Type AF



Type A

Dash 1 = Solid Style

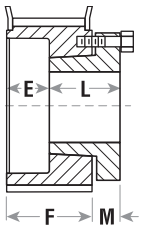
Type CF



Type C

Dash 2 = Web Style

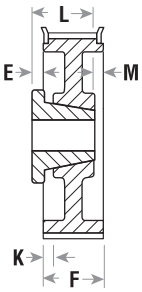
Type EF



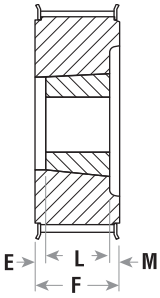
Type E

Dash 3 = Arm/Spoke Style

Type HF



Type H



Type KF

"F" type description indicates flanged.

H - 1/2" Pitch

H150 For Belts 1-1/2" Wide (1/2" Pitch) **QD Type** **F = 1-13/16**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range	Dimensions				Wt. Less Bush
							E	K	L	M	
14	14H150JA	2.228	2.4844	EF-1*	JA	0.5 - 1.25	1.25	—	1.0625	0.5	1.5
16	16H150JA	2.546	2.7969	EF-1*	JA	0.5 - 1.25	1.25	—	1.0625	0.5	2.0
18	18H150SH	2.865	3.1094	EF-1*	SH	0.5 - 1.6875	1	—	1.3125	0.5625	1.3
20	20H150SH	3.183	3.4375	EF-1*	SH	0.5 - 1.6875	1	—	1.3125	0.5625	1.8
22	22H150SD	3.501	3.75	EF-1*	SD	0.5 - 2	0.5625	—	1.8125	0.625	2.0
24	24H150SD	3.820	4.0625	EF-1*	SD	0.5 - 2	0.5625	—	1.8125	0.625	2.6
26	26H150SD	4.138	4.7813	HF-1	SD	0.5 - 2	0.0625	0.5625	1.8125	0.0625	3.0
28	28H150SD	4.456	4.7031	HF-1	SD	0.5 - 2	0.0625	0.5625	1.8125	0.0625	4.0
30	30H150SD	4.775	5.0156	HF-1	SD	0.5 - 2	0.0625	0.5625	1.8125	0.0625	4.9
32	32H150SK	5.093	5.3281	HF-1	SK	0.5 - 2.625	0.125	0.5625	1.9375	—	5.8
36	36H150SK	5.730	5.9531	HF-1	SK	0.5 - 2.625	0.125	0.5625	1.9375	—	7.0
40	40H150SK	6.366	6.5781	HF-1	SK	0.5 - 2.625	0.125	0.5625	1.9375	—	9.2
44	44H150SK	7.003	7.25	HF-1	SK	0.5 - 2.625	0.125	0.5625	1.9375	—	11.0
48	48H150SK	7.639	8.0156	HF-2	SK	0.5 - 2.625	0.125	0.5625	1.9375	—	13.7
60	60H150SF	9.549	—	H-2	SF	0.5 - 2.9375	0.4063	0.2813	2.0625	0.2813	12.5
72	72H150SF	11.459	—	H-3	SF	0.5 - 2.9375	0.4063	0.2813	2.0625	0.2813	17.0
84	84H150SF	13.369	—	H-3	SF	0.5 - 2.9375	0.4063	0.2813	2.0625	0.2813	21.5
96	96H150SF	15.279	—	H-3	SF	0.5 - 2.9375	0.4063	0.2813	2.0625	0.2813	31.0
120	120H150SF	19.099	—	H-3	SF	0.5 - 2.9375	0.4063	0.2813	2.0625	0.2813	40.0

Dimensions in inches. Weight in pounds. Pulley O.D. = P.D. – .054"

*Reverse mount only

H - 1/2" Pitch

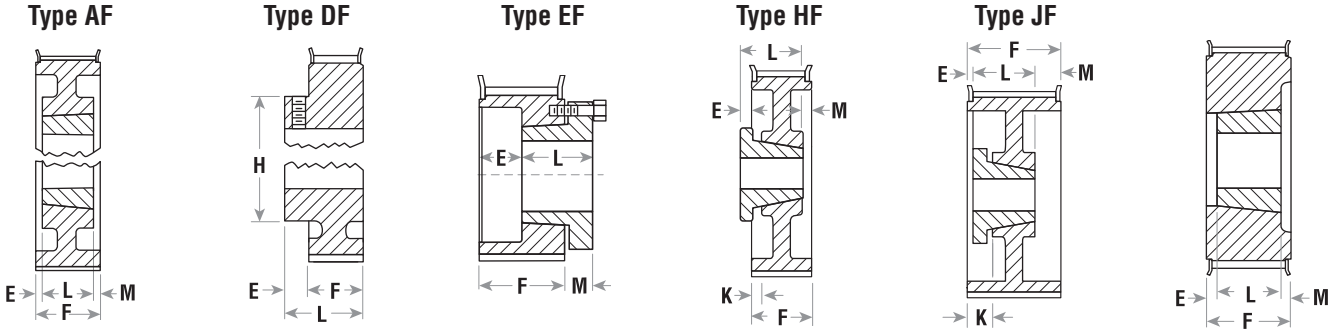
H150 For Belts 1-1/2" Wide (1/2" Pitch) **Taper Bushed Type** **F = 1-13/16**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range	Dimensions					Wt. Less Bush
							E	H	K	L	M	
14	TB14H150	2.228	2.4844	KF-1	1008	0.5 - 1	0.4688	—	—	0.875	0.4688	1.0
16	TB16H150	2.546	2.7969	KF-1	1008	0.5 - 1	0.4688	—	—	0.875	0.4688	1.5
18	TB18H150	2.865	3.1094	KF-1	1215	0.5 - 1.25	0.3125	—	—	1.5	—	1.6
20	TB20H150	3.183	3.4375	KF-1	1215	0.5 - 1.25	0.3125	—	—	1.5	—	2.2
22	TB22H150	3.501	3.75	KF-1	1615	0.5 - 1.625	0.3125	—	—	1.5	—	2.5
24	TB24H150	3.820	4.0625	KF-1	2012	0.5 - 2	0.5625	—	—	1.25	—	2.7
26	TB26H150	4.138	4.7813	KF-1	2012	0.5 - 2	0.5625	—	—	1.25	—	3.2
28	TB28H150	4.456	4.7031	KF-1	2012	0.5 - 2	0.5625	—	—	1.25	—	4.1
30	TB30H150	4.775	5.0156	KF-1	2012	0.5 - 2	0.5625	—	—	1.25	—	5.1
32	TB32H150	5.093	5.3281	KF-1	2517	0.5 - 2.5	0.0625	—	—	1.75	—	5.6
40	TB40H150	6.366	6.5781	KF-1	2517	0.5 - 2.5	0.0625	—	—	1.75	—	8.6
48	TB48H150	7.639	8.0156	AF-1	2517	0.5 - 2.5	—	—	0.0625	1.75	0.0625	13.6
60	TB60H150	9.549	—	C-2	3020	0.88 - 3	0.0938	6.25	—	2	0.0938	12.3

Dimensions in inches. Weight in pounds. Pulley O.D. = P.D. – .054"

Stock Timing Pulleys

H
1/2" Pitch



Dash 1 = Solid Style **Dash 2 = Web Style** **Dash 3 = Arm/Spoke Style**

"F" type description indicates flanged.

H - 1/2" Pitch

H200 For Belts 2" Wide (1/2" Pitch) **Minimum Plain Bore** **F = 2-11/32**

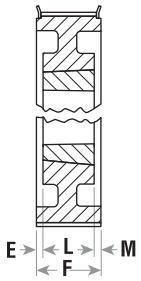
No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush		Dimensions			Wt. Less Bush
					Stk.	Max.	E	H	L	
14	14H200	2.228	2.375	DF-1	0.75	1	0.625	1.5	2.9688	2.2
16	16H200	2.546	2.7969	DF-1	0.75	1.25	0.75	2	3.0938	3.1
18	18H200	2.865	3.1094	DF-1	0.75	1.5	0.75	2	3.0938	3.7
19	19H200	3.024	3.2500	DF-1	0.75	1.5625	0.875	2.25	3.2188	3.9
20	20H200	3.183	3.4375	DF-1	0.75	1.625	0.875	2.5	3.2188	4.9
22	22H200	3.501	3.75	DF-1	1	1.875	1	2.875	3.3438	6.3
24	24H200	3.820	4.0625	DF-1	1	2.125	1	3.125	3.3438	7.5
26	26H200	4.138	4.7813	DF-1	1	2.5	1.125	3.5	3.4688	9.5

Dimensions in inches. Weight in pounds. Pulley O.D. = P.D. – .054"

H
1/2" Pitch

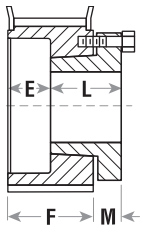
Stock Timing Pulleys

Type AF



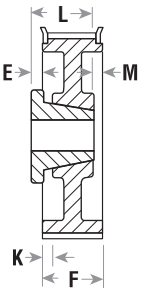
Type A

Type EF

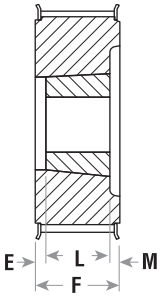


Type E

Type HF



Type H



Type KF

Dash 1 = Solid Style **Dash 2 = Web Style** **Dash 3 = Arm/Spoke Style** **"F" type description indicates flanged.**

H - 1/2" Pitch

H200 For Belts 2" Wide (1/2" Pitch) **QD Type** **F = 2-11/16**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range	Dimensions				Wt. Less Bush
							E	K	L	M	
16	16H200JA	2.546	2.7969	EF-1*	JA	0.5 - 1.25	1.7813	—	1.0625	0.5	2.6
18	18H200SH	2.865	3.1094	EF-1*	SH	0.5 - 1.6875	1.5313	—	1.3125	0.5625	1.6
20	20H200SH	3.183	3.4375	EF-1*	SH	0.5 - 1.6875	1.5313	—	1.3125	0.5625	2.2
22	22H200SD	3.501	3.75	EF-1*	SD	0.5 - 2	1.0938	—	1.8125	0.6250	2.5
24	24H200SD	3.820	4.0625	EF-1*	SD	0.5 - 2	1.0938	—	1.8125	0.6250	3.0
26	26H200SD	4.138	4.7813	HF-1	SD	0.5 - 2	0.0781	0.5469	1.8125	0.5469	3.9
28	28H200SD	4.456	4.7031	HF-1	SD	0.5 - 2	0.0781	0.5469	1.8125	0.5469	4.7
30	30H200SD	4.775	5.0156	HF-1	SD	0.5 - 2	0.0781	0.5469	1.8125	0.5469	5.7
32	32H200SK	5.093	5.3281	HF-1	SK	0.5 - 2.625	0.1406	0.5469	1.9375	0.5469	6.7
36	36H200SK	5.730	5.9531	HF-1	SK	0.5 - 2.625	0.1406	0.5469	1.9375	0.5469	8.0
40	40H200SK	6.366	6.5781	HF-1	SK	0.5 - 2.625	0.1406	0.5469	1.9375	0.5469	10.2
44	44H200SK	7.003	7.25	HF-1	SK	0.5 - 2.625	0.1406	0.5469	1.9375	0.5469	12.5
48	48H200SF	7.639	8.0156	HF-2	SF	0.5 - 2.9375	0.1406	0.5469	2.0625	0.5469	14.1
60	60H200SF	9.549	—	H-2	SF	0.5 - 2.9375	0.1406	0.5469	2.0625	0.5469	14.6
72	72H200SF	11.459	—	H-2	SF	0.5 - 2.9375	0.1406	0.5469	2.0625	0.5469	21.0
84	84H200SF	13.369	—	H-3	SF	0.5 - 2.9375	0.1406	0.5469	2.3125	0.5469	23.0
96	96H200E	15.279	—	H-3	E	0.875 - 3.5	0.5156	0.3594	2.625	0.3594	34.0
120	120H200E	19.099	—	H-3	E	0.875 - 3.5	0.5156	0.3594	2.625	0.3594	42.0

Dimensions in inches. Weight in pounds. Pulley O.D. = P.D. – .054"

*Reverse mount only

H - 1/2" Pitch

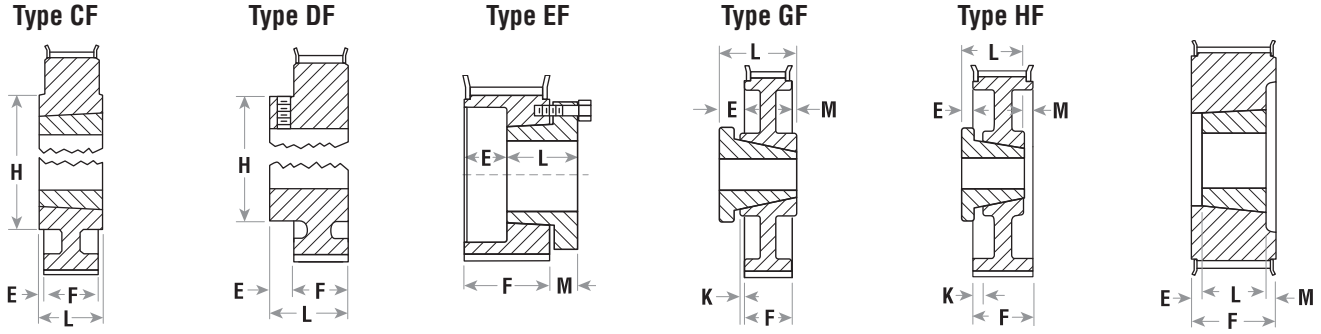
H200 For Belts 1-1/2" Wide (1/2" Pitch) **Taper Bushed Type** **F = 2-11/16**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range	Dimensions			Wt. Less Bush
							E	L	M	
16	TB16H200	2.546	2.7969	KF-1	1008	1/2 - 1	0.75	0.875	0.7188	1.9
18	TB18H200	2.865	3.1094	KF-1	1215	1/2 - 1.25	0.4375	1.5	0.4063	1.8
20	TB20H200	3.183	3.4375	KF-1	1215	1/2 - 1.25	0.4219	1.5	0.4219	2.6
22	TB22H200	3.501	3.75	KF-1	1615	1/2 - 1.625	0.4219	1.5	0.4219	2.8
24	TB24H200	3.820	4.0625	KF-1	2012	1/2 - 2	0.5469	1.25	0.5469	2.8
26	TB26H200	4.138	4.7813	KF-1	2012	1/2 - 2	0.5469	1.25	0.5469	3.6
28	TB28H200	4.456	4.7031	KF-1	2012	1/2 - 2	0.5469	1.25	0.5469	5.1
30	TB30H200	4.775	5.0156	KF-1	2012	1/2 - 2	0.4063	1.25	—	7.0
32	TB32H200	5.093	5.3281	KF-1	2517	1/2 - 2.5	0.5938	1.75	—	8.5
40	TB40H200	6.366	6.5781	KF-1	2517	1/2 - 2.5	0.5938	1.75	—	9.9
48	TB48H200	7.639	8.0156	KF-1	3020	7/8 - 3	0.3438	2	—	14.3
60	TB60H200	9.549	—	A-2	3020	7/8 - 3	0.1719	2	0.1719	15.3

Dimensions in inches. Weight in pounds. Pulley O.D. = P.D. – .054"

Stock Timing Pulleys

H
1/2" Pitch



Dash 1 = Solid Style Dash 2 = Web Style Dash 3 = Arm/Spoke Style

H - 1/2" Pitch

H300 For Belts 3" Wide (1/2" Pitch) **Minimum Plain bore** **F = 3-3/8**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bore		Dimensions			Wt. Less Bush
					Stk.	Max.	E	H	L	
16	16H300	2.546	2.80	DF-1	0.75	1.25	0.75	2	4.125	4.2

Dimensions in inches. Weight in pounds. Pulley O.D. = P.D. – .054"

H - 1/2" Pitch

H300 For Belts 3" Wide (1/2" Pitch) **QD Type** **F = 3-3/8**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range	Dimensions				Wt. Less Bush
							E	K	L	M	
22	22H300SD	3.501	3.75	EF-1*	SD	0.5 - 2	2.125	—	1.8125	0.625	4.1
24	24H300SD	3.820	4.0625	EF-1*	SD	0.5 - 2	2.125	—	1.8125	0.625	4.1
26	26H300SD	4.138	4.3906	JF-1	SD	0.5 - 2	0.4375	1.0625	1.8125	1.0625	5.0
28	28H300SD	4.456	4.7031	JF-1	SD	0.5 - 2	0.4375	1.0625	1.8125	1.0625	6.0
30	30H300SD	4.775	5.0156	JF-1	SD	0.5 - 2	0.4375	1.0625	1.8125	1.0625	7.2
32	32H300SK	5.093	5.3281	JF-1	SK	0.5 - 2.625	0.375	1.0625	1.9375	1.0625	8.4
36	36H300SK	5.730	5.9531	JF-1	SK	0.5 - 2.625	0.375	1.0625	1.9375	1.0625	10.0
40	40H300SK	6.366	6.5781	JF-1	SK	0.5 - 2.625	0.375	1.0625	1.9375	1.0625	12.2
44	44H300SK	7.003	7.25	JF-1	SK	0.5 - 2.625	0.375	1.0625	1.9375	1.0625	15.5
48	48H300SF	7.639	8.0156	JF-2	SF	0.5 - 2.9375	0.375	1.0625	2.0625	1.0625	16.6
60	60H300SF	9.549	—	J-2	SF	0.5 - 2.9375	0.375	1.0625	2.0625	1.0625	17.9
72	72H300SF	11.459	—	J-2	SF	0.5 - 2.9375	0.1875	1.0625	2.0625	1.0625	23.0
84	84H300SF	13.369	—	J-2	SF	0.5 - 2.9375	0.1875	1.0625	2.0625	1.0625	30.0
96	96H300E	15.2790	—	H-3	E	0.875 - 3.5	-	0.875	2.625	0.875	38.0
120	120H300E	19.099	—	H-3	E	0.875 - 3.5	-	0.875	2.625	0.875	51.0

Dimensions in inches. Weight in pounds. Pulley O.D. = P.D. – .054" *Reverse mount only

H - 1/2" Pitch

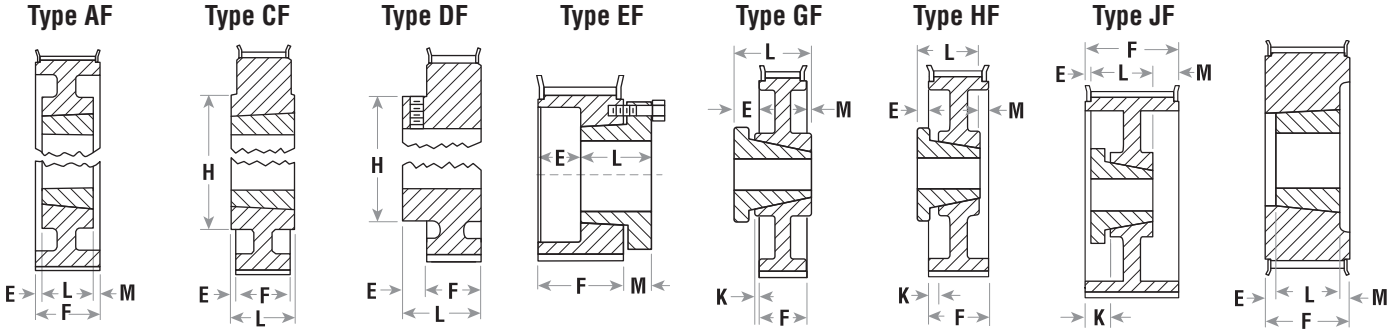
H300 For Belts 3" Wide (1/2" Pitch) **Taper Bushed Type** **F = 3-3/8**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range	Dimensions			Wt. Less Bush
							E	L	M	
18	TB18H300	2.865	3.1094	KF-1	1215	0.5 - 1.25	0.9375	1.5	0.9375	2.6
20	TB20H300	3.183	3.4375	KF-1	1215	0.5 - 1.25	0.9375	1.5	0.9375	3.9
22	TB22H300	3.501	3.75	KF-1	1615	0.5 - 1.625	0.9375	1.5	0.9375	4.0
24	TB24H300	3.820	4.0625	KF-1	2012	0.5 - 2	1.0625	1.25	1.0625	4.3
26	TB26H300	4.138	4.3906	KF-1	2012	0.5 - 2	1.0625	1.25	1.0625	5.4
28	TB28H300	4.456	4.7031	KF-1	2012	0.5 - 2	1.0625	1.25	1.0625	6.8
30	TB30H300	4.775	5.0156	KF-1	2012	0.5 - 2	1.0625	1.25	1.0625	7.5
32	TB32H300	5.093	5.3281	KF-1	2517	0.5 - 2.5	0.8125	1.75	0.8125	7.4
40	TB40H300	6.366	6.5781	KF-1	2517	0.5 - 2.5	0.8125	1.75	0.8125	12.1
48	TB48H300	7.639	8.0156	KF-1	3020	0.875 - 3	0.6875	2	0.6875	16.3
60	TB60H300	9.549	—	A-2	3020	0.875 - 3	0.5625	2	0.5625	17.3

Dimensions in inches. Weight in pounds. Pulley O.D. = P.D. – .054" *Reverse mount only

XH
7/8" Pitch

Stock Timing Pulleys



Dash 1 = Solid Style **Dash 2 = Web Style** **Dash 3 = Arm/Spoke Style** **"F" type description indicates flanged.**

XH - 7/8" Pitch

XH200 For Belts 2" Wide (7/8" Pitch) **Minimum Plain Bore** **F = 2-9/16**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bore		Dimensions			Wt. Less Bush
					Stk.	Max.	E	H	L	
18	18XH200	5.013	5.5781	DF-1	1	2.625	0.875	3.6875	3.4375	12.0
20	20XH200	5.570	6.1094	DF-1	1	3.25	1	4.125	3.5625	16.0

Dimensions in inches. Weight in pounds. Pulley O.D. = P.D. – .11"

XH - 7/8" Pitch

XH200 For Belts 2" Wide (7/8" Pitch) **Taper Bushed Type** **F = 2-9/16**

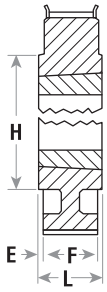
No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range	Dimensions				Wt. Less Bush
							E	H	L	M	
22	TB22XH200	6.127	6.5938	KF-1	2517	0.5 - 2.5	0.8125	—	1.75	—	10.6
24	TB24XH200	6.685	7.2813	KF-1	3020	0.875 - 3	0.5625	—	2	—	11.3
26	TB26XH200	7.241	7.7813	KF-1	3020	0.875 - 3	0.5625	—	2	—	13.3
28	TB28XH200	7.799	8.2656	CF-1	3535	1.1875 - 3.5	0.9375	6.5	3.5	—	13.5
30	TB30XH200	8.356	9.0313	CF-1	3535	1.1875 - 3.5	0.9375	6.5	3.5	—	18.5
32	TB32XH200	8.913	9.5156	CF-1	3535	1.1875 - 3.5	0.9375	6.5	3.5	—	21.5
40	TB40XH200	11.141	11.7969	CF-1	4040	1.4375 - 4	1.4375	8.5	4	—	37.5
48	TB48XH200	13.369	—	C-2	4040	1.4375 - 4	0.4063	8.5	4	0.7188	44.5
60	TB60XH200	16.711	—	C-3	4040	1.4375 - 4	0.7188	8.5	4	0.7188	47.0

Dimensions in inches. Weight in pounds. Pulley O.D. = P.D. – .11"

Stock Timing Pulleys

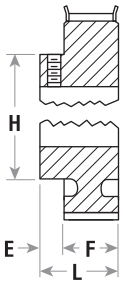
XH
7/8" Pitch

Type CF



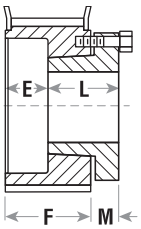
Type C

Type DF



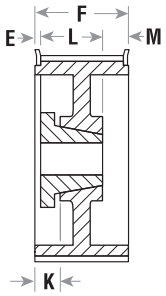
Type D

Type EF

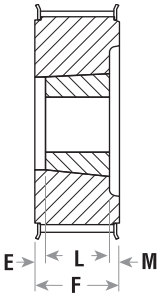


Type E

Type JF



Type J



Type KF

XH - 7/8" Pitch

XH300 For Belts 3" Wide (7/8" Pitch) **Minimum Plain Bore** **F = 3-5/8**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bore		Dimensions				Wt. Less Bush
					Stk.	Max.	E	H	L	M	
18	18XH300	5.013	5.5781	DF-1	1	2.625	0.875	3.6875	4.5	1*	15.0
20	20XH300	5.570	6.1094	DF-1	1	3.25	1	4.125	4.625	0.75*	19.0

*Counterbore "M" depth on flush side.

XH - 7/8" Pitch

XH300 For Belts 3" Wide (7/8" Pitch) **Taper Bushed Type** **F = 3-5/8**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range	Dimensions				Wt. Less Bush
							E	H	L	M	
22	TB22XH300	6.127	6.6563	KF-1	2517	0.5 - 2.5	0.9375	—	1.75	0.9375	13.6
24	TB24XH300	6.685	7.2813	KF-1	3020	0.875 - 3	0.8125	—	2	0.8125	15.3
26	TB26XH300	7.241	7.7813	KF-1	3020	0.875 - 3	0.8125	—	2	0.8125	17.3
28	TB28XH300	7.799	8.2656	KF-1	3535	1.1875 - 3.5	0.125	—	3.5	—	17.5
30	TB30XH300	8.356	9.0313	KF-1	3535	1.1875 - 3.5	0.125	—	3.5	—	22.5
32	TB32XH300	8.913	9.5156	KF-1	3535	1.1875 - 3.5	0.125	—	3.5	—	26.5
40	TB40XH300	11.141	11.7969	CF-1	4040	1.4375 - 4	0.375	7.75	4	—	43.5
48	TB48XH300	13.369	—	C-2	4040	1.4375 - 4	0.1875	8.5	4	0.1875	51.5
60	TB60XH300	16.711	—	C-3	4040	1.4375 - 4	0.1875	8.5	4	0.1875	55.5

XH - 1/2" Pitch

XH400 For Belts 4" Wide (7/8" Pitch) **QD Type** **F = 4-11/16**

No. Teeth	Part Number	Pitch Diameter	Max FL O.D.	Type	Bush	Bore Range	Dimensions				Wt. Less Bush
							E	K	L	M	
20	20XH400SK	5.570	6.0938	JF-1	SK	0.5 - 2.5	0.5	1.1875	1.9375	2.25	12.4
22	22XH400SK	6.127	6.6563	JF-1	SK	0.5 - 2.5	0.5	1.1875	1.9375	2.25	16.7
24	24XH400SF	6.685	7.2188	JF-1	SF	0.5 - 2.875	0.5	1.1875	2.0625	2.1875	19.2
26	26XH400SF	7.242	7.7813	JF-1	SF	0.5 - 2.875	0.5	1.1875	2.0625	2.1875	23.0
28	28XH400E	7.799	8.3438	JF-1	E	0.875 - 3.5	0.6563	1.5313	2.625	1.4063	24.0
30	30XH400E	8.356	8.9063	JF-1	E	0.875 - 3.5	0.6563	1.5313	2.625	1.4063	30.7
32	32XH400E	8.913	9.4375	JF-1	E	0.875 - 3.5	0.6563	1.5313	2.625	1.4063	34.0
40	40XH400F	11.141	11.6875	HF-2	F	1 - 3.9375	0.0938	1.0938	3.625	1.0313	49.0
48	48XH400J	13.369	—	H-3	J	1.4375 - 4.5	0.1875	1	4.5	0.875	67.3
60	60XH400J	16.711	—	H-3	J	1.4375 - 4.5	0.4375	0.75	4.5	0.625	85.0
72	72XH400J	20.054	—	H-3	J	1.4375 - 4.5	0.4375	0.75	4.5	0.625	108.0
84	84XH400J	23.396	—	H-3	J	1.4375 - 4.5	0.4375	0.75	4.5	0.625	119.0
96	96XH400J	26.738	—	H-3	J	1.4375 - 4.5	0.4375	0.75	4.5	0.625	187.5
120	120XH400J	33.423	—	H-3	J	1.4375 - 4.5	0.4375	0.75	4.5	0.625	187.5

Dimensions in inches. Weight in pounds. Pulley O.D. = P.D. – .11"

Timing Pulley Diameters

XL - 1/5" Pitch

No. Teeth	Diameter		No. Teeth	Diameter		No. Teeth	Diameter		No. Teeth	Diameter		No. Teeth	Diameter	
	P.D.	O.D.		P.D.	O.D.		P.D.	O.D.		P.D.	O.D.		P.D.	O.D.
10XL	0.637	0.617	33XL	2.101	2.081	55XL	3.501	3.481	77XL	4.902	4.882	99XL	6.303	6.283
11XL	0.700	0.680	34XL	2.165	2.145	56XL	3.565	3.545	78XL	4.966	4.946	100XL	6.346	6.326
12XL	0.764	0.744	35XL	2.228	2.208	57XL	3.629	3.609	79XL	5.029	5.009	101XL	6.430	6.410
13XL	0.828	0.808	36XL	2.292	2.272	58XL	3.692	3.672	80XL	5.093	5.073	102XL	6.494	6.474
14XL	0.891	0.871	37XL	2.355	2.335	59XL	3.756	3.736	81XL	5.157	5.137	103XL	6.557	6.537
15XL	0.955	0.935	38XL	2.419	2.399	60XL	3.820	3.800	82XL	5.220	5.200	104XL	6.621	6.601
16XL	1.019	0.999	39XL	2.483	2.463	61XL	3.883	3.863	83XL	5.284	5.264	105XL	6.685	6.665
17XL	1.082	1.062	40XL	2.546	2.526	62XL	3.947	3.927	84XL	5.348	5.328	106XL	6.748	6.728
18XL	1.146	1.126	41XL	2.610	2.590	63XL	4.011	3.991	85XL	5.411	5.391	107XL	6.812	6.792
19XL	1.210	1.190	42XL	2.674	2.654	64XL	4.074	4.054	86XL	5.475	5.455	108XL	6.875	6.855
20XL	1.273	1.253	43XL	2.737	2.717	65XL	4.138	4.118	87XL	5.539	5.519	109XL	6.939	6.919
21XL	1.337	1.317	44XL	2.801	2.781	66XL	4.202	4.182	88XL	5.602	5.582	110XL	7.003	6.983
22XL	1.401	1.381	45XL	2.865	2.845	67XL	4.265	4.245	89XL	5.666	5.646	111XL	7.066	7.046
23XL	1.464	1.444	46XL	2.928	2.908	68XL	4.329	4.309	90XL	5.730	5.710	112XL	7.130	7.110
24XL	1.528	1.508	47XL	2.992	2.972	69XL	4.393	4.373	91XL	5.793	5.773	113XL	7.194	7.174
25XL	1.592	1.572	48XL	3.056	3.036	70XL	4.456	4.436	92XL	5.857	5.837	114XL	7.257	7.237
26XL	1.655	1.635	49XL	3.119	3.099	71XL	4.520	4.500	93XL	5.921	5.901	115XL	7.321	7.301
27XL	1.719	1.699	50XL	3.183	3.163	72XL	4.584	4.564	94XL	5.984	5.964	116XL	7.385	7.365
28XL	1.783	1.763	51XL	3.247	3.227	73XL	4.647	4.627	95XL	6.048	6.028	117XL	7.448	7.428
29XL	1.846	1.826	52XL	3.310	3.290	74XL	4.711	4.691	96XL	6.112	6.092	118XL	7.512	7.492
30XL	1.910	1.890	53XL	3.374	3.354	75XL	4.775	4.755	97XL	6.175	6.155	119XL	7.576	7.556
31XL	1.974	1.954	54XL	3.438	3.418	76XL	4.838	4.818	98XL	6.239	6.219	120XL	7.639	7.619
32XL	2.037	2.017												

L - 3/8" Pitch

No. Teeth	Diameter		No. Teeth	Diameter		No. Teeth	Diameter		No. Teeth	Diameter		No. Teeth	Diameter	
	P.D.	O.D.		P.D.	O.D.		P.D.	O.D.		P.D.	O.D.		P.D.	O.D.
10L	1.194	1.164	33L	3.939	3.909	56L	6.685	6.655	79L	9.430	9.400	102L	12.175	12.145
11L	1.313	1.283	34L	4.058	4.028	57L	6.804	6.774	80L	9.549	9.519	103L	12.295	12.265
12L	1.432	1.402	35L	4.178	4.148	58L	6.923	6.893	81L	9.669	9.639	104L	12.414	12.384
13L	1.552	1.522	36L	4.297	4.267	59L	7.043	7.013	82L	9.788	9.758	105L	12.533	12.503
14L	1.671	1.641	37L	4.417	4.387	60L	7.162	7.132	83L	9.907	9.877	106L	12.653	12.623
15L	1.790	1.760	38L	4.536	4.506	61L	7.281	7.251	84L	10.027	9.997	107L	12.772	12.742
16L	1.910	1.880	39L	4.655	4.625	62L	7.401	7.371	85L	10.147	10.117	108L	12.892	12.862
17L	2.029	1.999	40L	4.775	4.745	63L	7.520	7.490	86L	10.265	10.235	109L	13.011	12.981
18L	2.149	2.119	41L	4.894	4.864	64L	7.639	7.609	87L	10.385	10.355	110L	13.130	13.100
19L	2.268	2.238	42L	5.013	4.983	65L	7.759	7.729	88L	10.504	10.474	111L	13.250	13.220
20L	2.387	2.357	43L	5.133	5.103	66L	7.878	7.848	89L	10.624	10.594	112L	13.369	13.339
21L	2.507	2.477	44L	5.252	5.222	67L	7.998	7.968	90L	10.743	10.713	113L	13.488	13.458
22L	2.626	2.596	45L	5.371	5.341	68L	8.117	8.087	91L	10.862	10.832	114L	13.608	13.578
23L	2.745	2.715	46L	5.491	5.461	69L	8.236	8.206	92L	10.982	10.952	115L	13.727	13.697
24L	2.865	2.835	47L	5.610	5.580	70L	8.356	8.326	93L	11.101	11.071	116L	13.846	13.816
25L	2.984	2.954	48L	5.730	5.700	71L	8.475	8.445	94L	11.220	11.190	117L	13.966	13.936
26L	3.104	3.074	49L	5.849	5.819	72L	8.594	8.564	95L	11.340	11.310	118L	14.085	14.055
27L	3.223	3.193	50L	5.968	5.938	73L	8.714	8.684	96L	11.459	11.429	119L	14.205	14.175
28L	3.342	3.312	51L	6.088	6.058	74L	8.833	8.803	97L	11.579	11.549	120L	14.324	14.294
29L	3.462	3.432	52L	6.207	6.177	75L	8.952	8.922	98L	11.698	11.668	130L	15.518	15.488
30L	3.581	3.551	53L	6.326	6.296	76L	9.072	9.042	99L	11.817	11.787	140L	16.711	16.681
31L	3.700	3.670	54L	6.446	6.416	77L	9.191	9.161	100L	11.937	11.907	150L	17.905	17.875
32L	3.820	3.790	55L	6.565	6.535	78L	9.311	9.261	101L	12.056	12.026			

Timing Pulley Diameters

H - 1/2" Pitch

No. Teeth	Diameter		No. Teeth	Diameter		No. Teeth	Diameter		No. Teeth	Diameter		No. Teeth	Diameter	
	P.D.	O.D.		P.D.	O.D.		P.D.	O.D.		P.D.	O.D.		P.D.	O.D.
15H	2.387	2.333	35H	5.570	5.516	55H	8.754	8.700	75H	11.937	11.883	95H	15.120	15.066
16H	2.546	2.492	36H	5.730	5.676	56H	8.913	8.859	76H	12.096	12.042	96H	15.225	15.171
17H	2.706	2.652	37H	5.889	5.835	57H	9.072	9.018	77H	12.255	12.201	97H	15.438	15.384
18H	2.865	2.811	38H	6.048	5.994	58H	9.231	9.177	78H	12.414	12.360	98H	15.597	15.543
19H	3.024	2.970	39H	6.207	6.153	59H	9.390	9.336	79H	12.573	12.519	99H	15.756	15.702
20H	3.183	3.129	40H	6.366	6.312	60H	9.549	9.495	80H	12.732	12.678	100H	15.915	15.861
21H	3.342	3.288	41H	6.525	6.471	61H	9.708	9.654	81H	12.892	12.848	102H	16.234	16.180
22H	3.501	3.447	42H	6.685	6.631	62H	9.868	9.814	82H	13.051	12.997	104H	16.552	16.498
23H	3.661	3.607	43H	6.844	6.790	63H	10.027	9.973	83H	13.210	13.156	106H	16.870	16.816
24H	3.820	3.766	44H	7.003	6.949	64H	10.186	10.132	84H	13.369	13.315	108H	17.189	17.135
25H	3.979	3.925	45H	7.162	7.108	65H	10.345	10.291	85H	13.528	13.474	110H	17.507	17.453
26H	4.138	4.084	46H	7.321	7.267	66H	10.504	10.450	86H	13.687	13.633	115H	18.303	18.249
27H	4.297	4.243	47H	7.480	7.426	67H	10.663	10.609	87H	13.846	13.792	120H	19.099	19.045
28H	4.456	4.402	48H	7.639	7.585	68H	10.823	10.769	88H	14.005	13.952	125H	19.894	19.840
29H	4.615	4.561	49H	7.799	7.745	69H	10.982	10.928	89H	14.165	14.111	130H	20.690	20.636
30H	4.775	4.721	50H	7.958	7.904	70H	11.141	11.087	90H	14.324	14.270	135H	21.486	21.432
31H	4.934	4.880	51H	8.117	8.063	71H	11.300	11.246	91H	14.483	14.429	140H	22.282	22.228
32H	5.093	5.039	52H	8.276	8.222	72H	11.459	11.405	92H	14.642	14.588	145H	23.077	23.023
33H	5.252	5.198	53H	8.435	8.381	73H	11.618	11.564	93H	14.801	14.747	150H	23.873	23.819
34H	5.411	5.357	54H	8.594	8.540	74H	11.777	11.723	94H	14.961	14.907	156H	24.828	24.774

XH - 7/8" Pitch

No. Teeth	Diameter		No. Teeth	Diameter		No. Teeth	Diameter		No. Teeth	Diameter		No. Teeth	Diameter	
	P.D.	O.D.		P.D.	O.D.		P.D.	O.D.		P.D.	O.D.		P.D.	O.D.
18XH	5.013	4.903	45XH	12.533	12.423	70XH	19.496	19.386	95XH	26.460	26.350	120XH	33.423	33.313
20XH	5.570	5.460	46XH	12.812	12.702	71XH	19.776	19.666	96XH	26.738	26.628	122XH	33.980	33.870
22XH	6.127	6.017	47XH	13.091	12.981	72XH	20.054	19.944	97XH	27.017	26.907	124XH	34.537	34.427
23XH	6.406	6.296	48XH	13.369	13.259	73XH	20.332	20.222	98XH	27.295	27.185	126XH	35.094	34.984
24XH	6.685	6.575	49XH	13.648	13.538	74XH	20.611	20.501	99XH	27.574	27.464	128XH	35.651	35.541
25XH	6.963	6.853	50XH	13.926	13.816	75XH	20.889	20.779	100XH	27.852	27.742	130XH	36.208	36.098
26XH	7.242	7.132	51XH	14.205	14.095	76XH	21.168	21.058	101XH	28.131	28.021	132XH	36.765	36.655
27XH	7.520	7.410	52XH	14.483	14.373	77XH	21.446	21.336	102XH	28.409	28.299	134XH	37.322	37.212
28XH	7.799	7.689	53XH	14.762	14.652	78XH	21.725	21.615	103XH	28.688	28.578	136XH	37.879	37.769
29XH	8.077	7.967	54XH	15.140	14.930	79XH	21.003	21.893	104XH	28.966	28.856	138XH	38.436	38.326
30XH	8.356	8.246	55XH	15.319	15.209	80XH	22.282	22.172	105XH	29.245	29.135	140XH	38.993	38.883
31XH	8.634	8.524	56XH	15.597	15.487	81XH	22.560	22.450	106XH	29.523	29.413	142XH	39.550	39.440
32XH	8.913	8.803	57XH	15.876	15.766	82XH	22.839	22.729	107XH	29.802	29.682	144XH	40.107	39.997
33XH	9.191	9.081	58XH	16.154	16.044	83XH	23.118	23.008	108XH	30.080	29.970	146XH	40.664	40.554
34XH	9.470	9.360	59XH	16.433	16.323	84XH	23.396	23.286	109XH	30.359	30.249	150XH	41.778	41.668
35XH	9.748	9.638	60XH	16.711	16.601	85XH	23.674	23.564	110XH	30.637	30.527			
36XH	10.027	9.917	61XH	16.990	16.880	86XH	23.953	23.843	111XH	30.916	30.806			
37XH	10.305	10.195	62XH	17.268	17.158	87XH	24.231	24.121	112XH	31.194	31.084			
38XH	10.584	10.474	63XH	17.547	17.437	88XH	24.510	24.400	113XH	31.473	31.363			
39XH	10.862	10.752	64XH	17.825	17.715	89XH	24.788	24.678	114XH	31.751	31.641			
40XH	11.141	11.031	65XH	18.104	17.994	90XH	25.067	24.957	115XH	32.030	31.920			
41XH	11.419	11.309	66XH	18.382	18.272	91XH	25.345	25.235	116XH	32.308	32.198			
42XH	11.698	11.588	67XH	18.661	18.551	92XH	25.624	25.514	117XH	32.587	32.477			
43XH	11.976	11.866	68XH	18.939	18.829	93XH	25.902	25.792	118XH	32.665	32.755			
44XH	12.255	12.145	69XH	19.218	19.108	94XH	26.181	26.071	119XH	33.145	33.035			

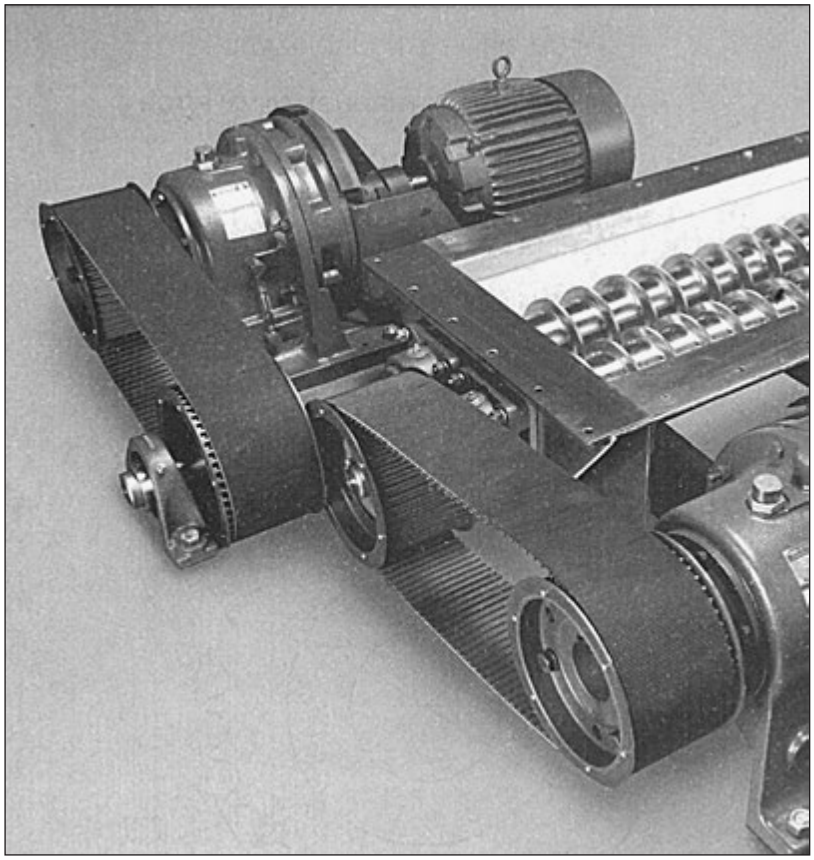
Outside Diameter Tolerances

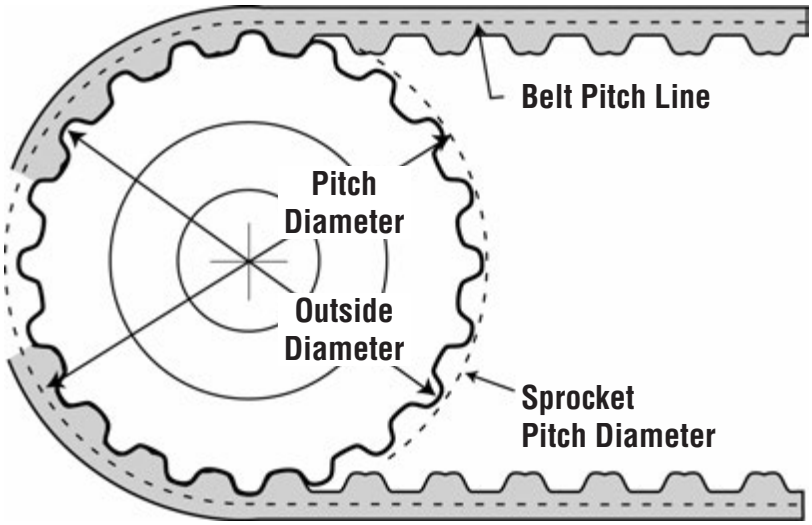
Pulley Dia.	O.D. Tolerance	Pulley Dia.	O.D. Tolerance	Pulley Dia.	O.D. Tolerance	Pulley Dia.	O.D. Tolerance
0 - 1"	+.002 -	2.001" - 4"	+.004 -	7.001" - 12"	+.006 -	20.001 UP	+.008 -
1" - 2"	+.003 -	4.001" - 7"	+.005 -	12.001" - 20"	+.007 -		

Stock HTS® Sprockets

Features of HTS® Drives

- Positive Slip Proof Engagement
- Wide Speed Range
- Constant Driven Speeds
- Wide Range of Load Capabilities
- No Lubrication
- High Tension Eliminated
- High Mechanical Efficiency
- Economical Operation





HTS® High Torque Sprockets

- RPP® Tooth Profile
- Available in 5mm, 8mm, 14mm & 20mm pitch
- Stocked in QD and Taper Bush Interchangeable Bushing Styles, as well as Stock Bore.

RPP® is a registered trademark of Carlisle Power Transmission.

HTS®
Drive Specification

Martin HTS sprockets are manufactured in various sizes, dimensions and capacities to meet industry requirements. This includes a wide range of loads, speeds, and demanding applications.

The following is an explanation of dimensional nomenclature for Martin HTS sprockets as well as belts currently available that will operate efficiently with the Martin tooth form.

The HTS sprocket has three primary dimensions:

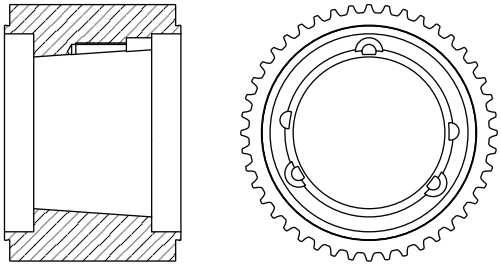
- Number of Teeth
- Pitch
- Width

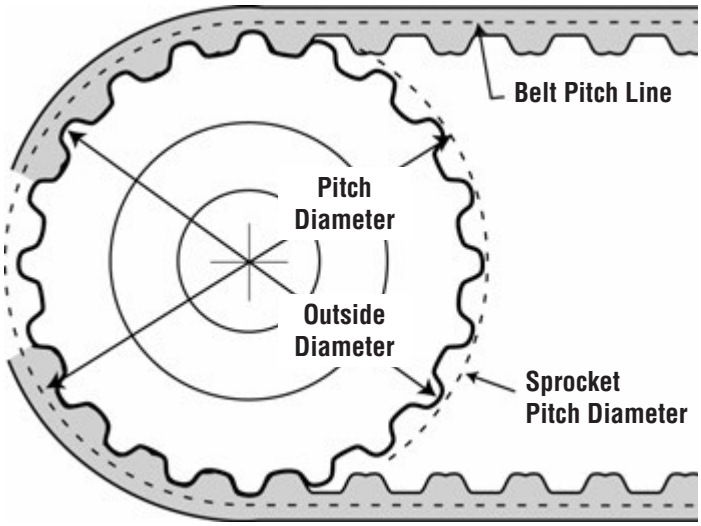
The pitch is the distance in millimeters from the center of one tooth groove to the other and is measured on the sprocket's pitch circle. The pitch circle of the sprocket matches with the pitch line of the belt when in mesh. The sprocket pitch diameter is always greater than its outer diameter.

Note: Belts must be run with sprockets of the same pitch.

As with the sprocket specifications, belt pitch is the measure between two adjacent tooth centers which is measured on the pitch line of the belt.

Note: The theoretical pitch line is within the tensile member. Belt length is the total length (circumference) in millimeters as could be measured along the pitch line.





P 30 14M 55 - SK

- **HTS®**
- **Number of Teeth**
- **Belt Pitch**
- **Belt Width (mm)**
- **Bushing or MPB**

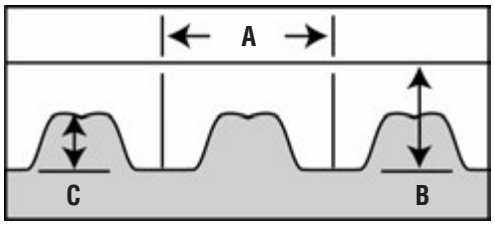
Belt Pitch	Belt Width (mm)
5mm	15, 25
8mm	20, 30, 50, 85
14mm	40, 55, 85, 115, 170
20mm	115, 170, 230, 290, 340

"P" HTS Sprockets (RPP® Tooth Profile) - Run with RPP®, RPP® Plus®, Hawk Pd®, & HTD® belts.

"P" HTS Sprockets are designed to run with fiberglass corded belts.

- Available in 5mm, 8mm, 14mm, 20mm pitches
- Belt widths:

15mm, 25mm (5mm pitch)
20mm, 30mm, 50mm, 85mm (8mm pitch)
40mm, 55mm, 85mm, 115mm, 170mm (14mm pitch)
115mm, 170mm, 230mm, 290mm, 340mm (20mm pitch)

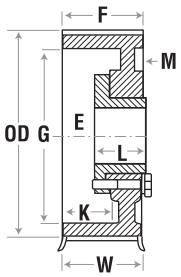


Belt Pitch	A	B	C
5 mm	5 mm **.197 in**	3.81 mm **.150 in**	2.08 mm **.082 in**
8 mm	8 mm **.315 in**	6 mm **.236 in**	3.4 mm **.133 in**
14 mm	14 mm **.552 in**	10 mm **.394 in**	6.0 mm **.237 in**
20 mm	20 mm **.784 in**	13.2 mm **.520 in**	8.4 mm **.330 in**

Hawk Pd® is a registered trademarks of Goodyear.
RPP® and RPP® Plus® are registered trademarks of Carlisle Power Transmission. HTS® is a registered trademark of Gates Corporation.

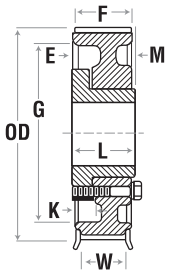
High Torque Sprockets
5mm

Type B



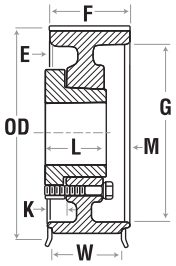
Type BF

Type C



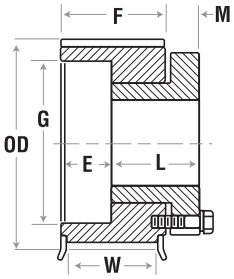
Type CF

Type D



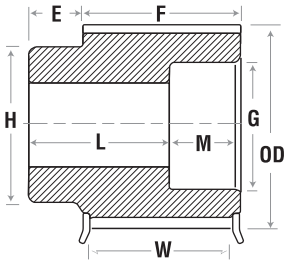
Type DF

Type E •



Type EF •

Type D
(MPB Only)



Type DF
(MPB Only)

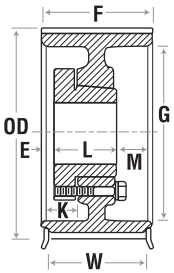
No. of Teeth	Catalog Number	Bore	Pitch	Diameter O.D.	Diameter Flange	Type +	Max Bore	Dimensions E	L	M	K	H	F	G	W	Weight Approx. (lbs.)
MPB 15mm (.591 in.) Wide Belts (5M-15)																
32	P325M15-MPB	0.5	2.005	1.960	2.16	DF-1	0.88	0.50	1.73	—	—	1.55	0.84	—	0.65	1.12
34	P345M15-MPB	0.5	2.130	2.085	2.29	DF-1	1.00	0.50	1.73	—	—	1.68	0.84	—	0.65	1.25
36	P365M15-MPB	0.5	2.256	2.211	2.41	DF-1	1.12	0.50	1.73	—	—	1.80	0.84	—	0.65	1.39
QD 15mm (.591in.) Wide Belts (5M-15)																
38	P385M15-JA	JA	2.381	2.336	2.54	• EF-1	1.25	0.67	1.00	0.44	—	—	0.84	1.34	0.65	0.80
40	P405M15-JA	JA	2.506	2.461	2.66	• EF-1	1.25	0.67	1.00	0.44	—	—	0.84	1.34	0.65	1.06
44	P445M15-JA	JA	2.757	2.712	2.91	• EF-1	1.25	0.67	1.00	0.44	—	—	0.84	1.34	0.65	1.40
48	P485M15-JA	JA	3.008	2.963	3.16	BF-1	1.25	0.23	1.00	0.00	0.67	—	0.84	2.36	0.65	1.20
52	P525M15-JA	JA	3.258	3.213	3.41	BF-1	1.25	0.23	1.00	0.00	0.67	—	0.84	2.62	0.65	1.43
56	P565M15-SH	SH	3.509	3.464	3.66	DF-1	1.68	0.08	1.25	0.06	0.42	—	0.84	2.86	0.65	1.64
60	P605M15-SH	SH	3.760	3.715	3.92	DF-1	1.68	0.08	1.25	0.06	0.42	—	0.84	3.12	0.65	1.83
64	P645M15-SH	SH	4.010	3.965	4.16	DF-1	1.68	0.08	1.25	0.06	0.42	—	0.84	3.37	0.65	2.16
68	P685M15-SDS	SDS	4.261	4.216	4.41	CF-1	2.00	0.08	1.31	0.00	0.48	—	0.84	3.50	0.65	2.48
72	P725M15-SDS	SDS	4.511	4.466	4.66	CF-1	2.00	0.08	1.31	0.00	0.48	—	0.84	3.75	0.65	2.84
80	P805M15-SDS	SDS	5.013	4.968	—	C-1	2.00	0.08	1.31	0.00	0.48	—	0.84	4.25	0.65	3.61
90	P905M15-SDS	SDS	5.639	5.594	—	C-1	2.00	0.08	1.31	0.00	0.48	—	0.84	4.88	0.65	4.69
112	P1125M15-SDS	SDS	7.018	6.973	—	C-2	2.00	0.08	1.31	0.00	0.48	—	0.84	6.05	0.65	6.02
MPB 25mm (.984in.) Wide Belts (5M-25)																
32	P325M25-MPB	0.5	2.005	1.960	2.16	DF-1	0.88	0.50	1.34	—	—	1.55	1.23	—	1.04	0.84
34	P345M25-MPB	0.5	2.130	2.085	2.29	DF-1	1.00	0.50	1.34	—	—	1.68	1.23	—	1.04	0.93
36	P365M25-MPB	0.5	2.256	2.211	2.41	DF-1	1.12	0.50	1.34	—	—	1.80	1.23	—	1.04	1.03
QD 25mm (.984in.) Wide Belts (5M-25)																
38	P385M25-JA	JA	2.381	2.336	2.54	• EF-1	1.25	0.28	1.00	0.44	—	—	1.23	1.34	1.04	0.61
40	P405M25-JA	JA	2.506	2.461	2.66	• EF-1	1.25	0.28	1.00	0.44	—	—	1.23	1.34	1.04	0.72
44	P445M25-JA	JA	2.757	2.712	2.91	• EF-1	1.25	0.28	1.00	0.44	—	—	1.23	1.34	1.04	0.95
48	P485M25-JA	JA	3.008	2.963	3.16	CF-1	1.25	0.16	1.00	0.00	0.28	—	1.23	2.36	1.04	0.97
52	P525M25-JA	JA	3.258	3.213	3.41	CF-1	1.25	0.16	1.00	0.00	0.28	—	1.23	2.62	1.04	1.17
56	P565M25-SH	SH	3.509	3.464	3.66	DF-1	1.68	0.50	1.25	0.09	0.00	—	1.23	—	1.04	1.37
60	P605M25-SH	SH	3.760	3.715	3.92	DF-1	1.68	0.50	1.25	0.09	0.00	—	1.23	—	1.04	1.68
64	P645M25-SH	SH	4.010	3.965	4.16	DF-1	1.68	0.50	1.25	0.09	0.00	—	1.23	—	1.04	1.80
68	P685M25-SDS	SDS	4.261	4.216	4.41	CF-1	2.00	0.47	1.31	0.00	0.09	—	1.23	3.50	1.04	2.10
72	P725M25-SDS	SDS	4.511	4.466	4.66	CF-1	2.00	0.47	1.31	0.00	0.09	—	1.23	3.75	1.04	2.43
80	P805M25-SDS	SDS	5.013	4.968	—	C-1	2.00	0.47	1.31	0.00	0.09	—	1.23	4.25	1.04	3.15
90	P905M25-SDS	SDS	5.639	5.594	—	C-1	2.00	0.47	1.31	0.00	0.09	—	1.23	4.88	1.04	4.17
112	P1125M25-SDS	SDS	7.018	6.973	—	C-1	2.00	0.47	1.31	0.00	0.09	—	1.23	6.05	1.04	5.16

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

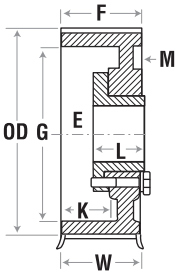
High Torque Sprockets 8mm

Type A



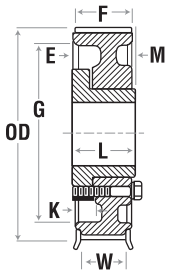
Type AF

Type B



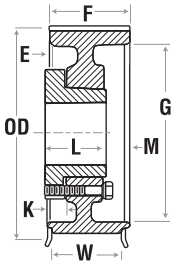
Type BF

Type C



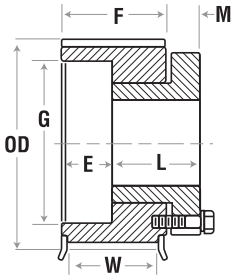
Type CF

Type D



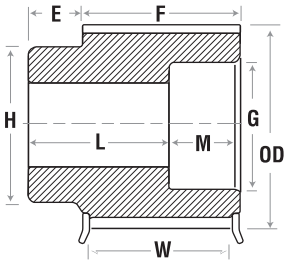
Type DF

Type E •



Type EF •

Type D (MPB Only)



Type DF (MPB Only)

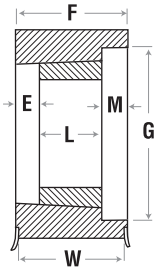
No. of Teeth	Catalog Number	Bore	Pitch	Diameter O.D.	Diameter Flange	Type +	Max Bore	Dimensions E	L	M	K	H	F	G	W	Weight Approx. (lbs.)
MPB 20mm (.787 in.) Wide Belts (8M-20)																
20	P208M20-MPB	1/2	2.005	1.951	2.375	DF-1	0.875	0.625	1.75	—	—	1.375	1.125	—	0.875	.90
21	P218M20-MPB	1/2	2.105	2.051	2.468	DF-1	1	0.625	1.75	—	—	1.5	1.125	—	0.875	1.00
22	P228M20-MPB	1/2	2.206	2.152	2.562	DF-1	1.1875	0.625	1.75	—	—	1.625	1.125	—	0.875	1.60
QD 20mm (.787 in.) Wide Belts (8M-20)																
24	P248M20-JA	JA	2.406	2.352	2.750	• EF-1	1.25	0.5625	1.0625	0.44	—	—	1.125	1.34	0.875	1.50
26	P268M20-JA	JA	2.607	2.553	2.937	• EF-1	1.250	0.5625	1.0625	0.4375	—	—	1.125	1.34	0.875	1.80
28	P288M20-H	H	2.807	2.753	3.156	• EF-1	1.375	0.25	1.25	0.375	—	—	1.125	1.57	0.875	1.40
30	P308M20-H	H	3.008	2.954	3.344	• EF-1	1.375	0.25	1.25	0.375	—	—	1.125	1.57	0.875	1.90
32	P328M20-H	H	3.208	3.154	3.562	CF-1	1.375	0.125	1.25	—	0.25	—	1.125	2.56	0.875	2.00
34	P348M20-SH	SH	3.409	3.355	3.750	DF-1	1.6875	0.1875	1.25	0.0625	0.3125	—	1.125	2.75	0.875	2.20
36	P368M20-SH	SH	3.609	3.555	3.937	DF-1	1.6875	0.1875	1.25	0.0625	0.3125	—	1.125	2.82	0.875	2.50
38	P388M20-SH	SH	3.810	3.756	4.156	DF-1	1.6875	0.1875	1.25	0.0625	0.3125	—	1.125	3	0.875	2.80
40	P408M20-SH	SH	4.010	3.956	4.344	DF-1	1.6875	0.1875	1.25	0.0625	0.3125	—	1.125	3	0.875	3.00
44	P448M20-SDS	SDS	4.411	4.357	4.750	CF-1	2	0.1875	1.25	—	0.375	—	1.125	3.5	0.875	3.20
48	P488M20-SDS	SDS	4.812	4.758	5.157	CF-1	2	0.1875	1.3125	—	0.375	—	1.125	3.8	0.875	3.40
56	P568M20-SDS	SDS	5.614	5.560	5.937	CF-1	2	0.1875	1.3125	—	0.375	—	1.125	4.6	0.875	4.50
64	P648M20-SDS	SDS	6.416	6.362	6.750	CF-1	2	0.1875	1.3125	—	0.375	—	1.125	5.4	0.875	5.50
72	P728M20-SDS	SDS	7.218	7.164	7.562	CF-1	2	0.1875	1.3125	—	0.375	—	1.125	6.2	0.875	6.00
80	P808M20-SDS	SDS	8.020	7.966	8.375	CF-2	2	0.1875	1.3125	—	0.375	—	1.125	6.9	0.875	6.50
90	P908M20-SDS	SDS	9.023	8.969	—	C-2	2	0.1875	1.3125	—	0.375	—	1.125	7.62	—	7.00
112	P1128M20-SK	SK	11.229	11.175	—	C-3	2.625	0.75	1.9375	0.0625	0.0625	—	1.125	9.87	—	10.50
144	P1448M20-SF	SF	14.447	14.388	—	C-3	2.9375	0.75	2.0625	0.0625	0.0625	—	1.125	12.88	—	14.50
Taper Bushed 20mm (.787 in.) Wide Belts (8M-20)																
24	P248M20-1108	1108	2.406	2.352	2.75	KF-1	1	0.0625	0.875	0.1875	—	—	1.125	1.783	0.875	.7
26	P268M20-1108	1108	2.607	2.553	2.94	KF-1	1	0.0625	0.875	0.1875	—	—	1.125	1.971	0.875	.9
28	P288M20-1108	1108	2.807	2.753	3.16	KF-1	1	0.0625	0.875	0.1875	—	—	1.125	2	0.875	1.2
30	P308M20-1210	1210	3.008	2.954	3.34	KF-1	1.25	0.125	1	—	—	—	1.125	—	0.875	1.2
32	P328M20-1210	1210	3.208	3.154	3.56	KF-1	1.25	0.125	1	—	—	—	1.125	—	0.875	1.4
34	P348M20-1610	1610	3.409	3.355	3.75	KF-1	1.6875	0.125	1	—	—	—	1.125	—	0.875	1.4
36	P368M20-1610	1610	3.609	3.555	3.94	KF-1	1.6875	0.125	1	—	—	—	1.125	—	0.875	1.7
38	P388M20-1610	1610	3.810	3.756	4.16	KF-1	1.6875	0.125	1	—	—	—	1.125	—	0.875	2.0
40	P408M20-1610	1610	4.010	3.956	4.34	KF-1	1.6875	0.125	1	—	—	—	1.125	—	0.875	2.4
44	P448M20-2012	2012	4.411	4.357	4.75	CF-1	2.125	—	1.25	0.125	—	3.8438	1.125	—	0.875	2.6
48	P488M20-2012	2012	4.812	4.758	5.16	CF-1	2.125	—	1.25	0.125	—	3.875	1.125	—	0.875	3.4
56	P568M20-2012	2012	5.614	5.560	5.94	CF-1	2.125	—	1.25	0.125	—	3.875	1.125	—	0.875	5.3
64	P648M20-2012	2012	6.416	6.362	6.75	CF-1	2.125	—	1.25	0.125	—	4.375	1.125	—	0.875	7.5
72	P728M20-2012	2012	7.218	7.164	7.56	CF-1	2.125	—	1.25	0.125	—	4.375	1.125	—	0.875	9.9
80	P808M20-2517	2517	8.020	7.966	8.38	CF-2	2.6875	—	1.75	0.625	—	4.875	1.125	6.9	0.875	11.9
90	P908M20-2517	2517	9.023	8.969	—	C-2	2.6875	—	1.75	0.625	—	—	1.125	7.63	—	12.9

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

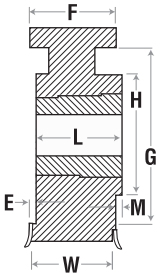
High Torque Sprockets
8mm

Type K



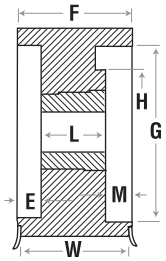
Type KF

Type B



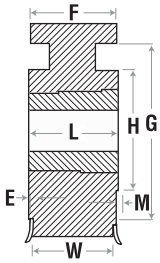
Type BF

Type W



Type WF

Type C



Type CF

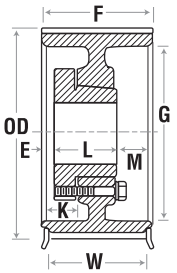
No. of Teeth	Catalog Number	Bore	Pitch	Diameter		Type +	Max Bore	Dimensions								Weight Approx. (lbs.)
				O.D.	Flange			E	L	M	K	H	F	G	W	
MPB 30mm (1.18in.) Wide Belts (8M-30)																
20	P208M30-MPB	0.5	2.005	1.951	2.375	DF-1	0.875	0.625	2.125	—	—	1.375	1.5	—	1.125	1.10
21	P218M30-MPB	0.5	2.105	2.051	2.468	DF-1	1	0.625	2.125	—	—	1.5	1.5	—	1.125	1.30
22	P228M30-MPB	0.5	2.206	2.152	2.562	DF-1	1.1875	0.625	2.125	—	—	1.625	1.5	—	1.25	1.40
24	P248M30-MPB	0.5	2.406	2.352	2.750	DF-1	1.25	0.625	2.125	—	—	1.8125	1.5	—	1.25	1.80
26	P268M30-MPB	0.5	2.607	2.553	2.937	DF-1	1.25	0.75	2.25	—	—	2	1.5	—	1.25	2.20
QD 30mm (1.18in.) Wide Belts (8M-30)																
28	P288M30-H	H	2.807	2.753	3.156	• EF-1	1.25	0.625	1.2500	0.3750	—	—	1.5	1.57	1.250	1.70
30	P308M30-H	H	3.008	2.954	3.344	• EF-1	1.38	0.625	1.25	.375	—	—	1.5	1.57	1.25	1.90
32	P328M30-H	H	3.208	3.154	3.562	BF-1	1.375	0.25	1.25	—	.625	—	1.5	2.56	1.25	2.10
34	P348M30-SH	SH	3.409	3.355	3.750	AF-1	1.375	0.19	1.25	.625	.688	—	1.5	2.75	1.25	2.40
36	P368M30-SH	SH	3.609	3.555	3.937	AF-1	1.688	0.1875	1.25	.625	.6875	—	1.5	2.82	1.25	2.80
38	P388M30-SH	SH	3.810	3.756	4.156	AF-1	1.6875	0.1875	1.25	.625	.6875	—	1.5	3	1.25	3.20
40	P408M30-SH	SH	4.010	3.956	4.344	AF-1	1.6875	0.1875	1.25	.625	.6875	—	1.5	3	1.25	3.60
44	P448M30-SDS	SDS	4.411	4.357	4.750	BF-1	1.6875	0.1875	1.31	—	.75	—	1.5	3.5	1.25	3.80
48	P488M30-SDS	SDS	4.812	4.758	5.157	BF-1	2	0.1875	1.3125	—	.75	—	1.5	3.8	1.25	4.20
56	P568M30-SDS	SDS	5.614	5.560	5.937	BF-1	2	0.1875	1.3125	—	.75	—	1.5	4.6	1.25	4.80
64	P648M30-SK	SK	6.416	6.362	6.750	CF-1	2	0.375	1.875	—	.25	—	1.5	5.4	1.25	6.10
72	P728M30-SK	SK	7.218	7.164	7.562	CF-1	3	0.375	1.875	—	.25	—	1.5	6.2	1.25	6.80
80	P808M30-SK	SK	8.020	7.966	8.375	CF-2	2.625	0.375	1.875	—	.25	—	1.5	6.9	1.25	7.50
90	P908M30-SK	SK	9.023	8.969	—	C-2	2.625	0.375	1.875	—	.25	—	1.5	7.6	—	11.00
112	P1128M30-SK	SK	11.229	11.175	—	C-3	2.625	0.375	1.875	—	.25	—	1.5	9.87	—	13.00
144	P1448M30-SF	SF	14.447	14.383	—	C-3	2.938	0.563	2.063	—	.25	—	1.5	12.88	—	25.50
192	P1928M30-E	E	19.249	19.195	—	C-3	—	1.3125	2.625	.625	.6	—	1.5	17.63	—	30.00
Taper Bushed 30mm (1.18in.) Wide Belts (8M-30)																
24	P248M30-1108	1108	2.406	2.352	2.75	KF-1	1	0.125	0.875	.5	—	—	1.5	1.783	1.250	.9
26	P268M30-1108	1108	2.607	2.553	2.94	KF-1	1	0.125	0.875	.5	—	—	1.5	1.971	1.250	1.2
28	P288M30-1108	1108	2.807	2.753	3.16	KF-1	1	0.125	0.875	.5	—	—	1.5	2	1.250	1.6
30	P308M30-1210	1210	3.008	2.954	3.34	KF-1	1.25	0.125	1	0.4	—	—	1.5	2.345	1.25	1.5
32	P328M30-1210	1210	3.208	3.154	3.56	KF-1	1.25	0.125	1	0.4	—	—	1.5	2.56	1.25	1.9
34	P348M30-1610	1610	3.409	3.355	3.75	KF-1	1.6875	0.125	1	0.4	—	—	1.5	3	1.25	2.3
36	P368M30-1610	1610	3.609	3.555	3.94	KF-1	1.69	0.125	1	0.375	—	—	1.5	2.82	1.25	2.2
38	P388M30-1610	1610	3.810	3.756	4.16	KF-1	1.69	0.125	1	0.375	—	—	1.5	3	1.25	2.7
40	P408M30-2012	2012	4.010	3.956	4.34	KF-1	2.125	—	1	0.25	—	—	1.5	3.25	1.25	2.4
44	P448M30-2012	2012	4.411	4.357	4.75	KF-1	2.125	—	1	—	0.25	—	1.5	3.5	1.25	3.4
48	P488M30-2012	2012	4.812	4.758	5.16	KF-1	2.125	—	1	—	0.25	—	1.5	4	1.25	4.5
56	P568M30-2012	2012	5.614	5.560	5.94	KF-1	2.125	—	1.25	—	0.25	—	1.5	4.6	1.25	7.0
64	P648M30-2517	2517	6.416	6.362	6.75	CF-1	2.6875	—	1.75	—	0.25	4.875	1.5	—	1.25	8.9
72	P728M30-2517	2517	7.218	7.164	7.56	CF-1	2.6875	—	1.75	—	0.25	4.875	1.5	—	1.25	12.1
80	P808M30-2517	2517	8.020	7.966	8.38	CF-2	2.6875	—	1.75	—	0.25	4.875	1.5	—	1.25	15.8
90	P908M30-2517	2517	9.023	8.969	—	C-2	2.6875	0.125	1.75	—	0.125	4.875	1.5	7.63	—	13.8
112	P1128M30-2517	2517	11.229	11.175	—	C-3	2.6875	0.125	1.75	—	0.125	4.875	1.5	9.88	—	23.5
144	P1448M30-2517	2517	14.437	14.383	—	C-3	2.6875	0.25	1.75	—	—	4.875	1.5	12.88	—	21.3

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

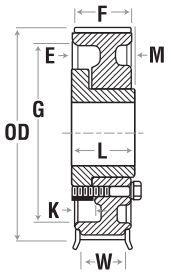
High Torque Sprockets 8mm

Type A



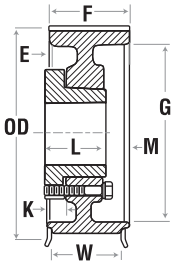
Type AF

Type C



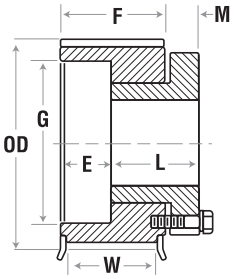
Type CF

Type D



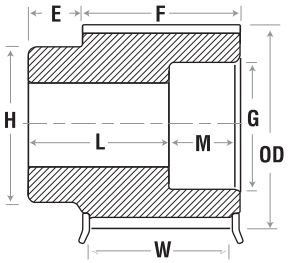
Type DF

Type E •



Type EF •

Type D (MPB Only)



Type DF (MPB Only)

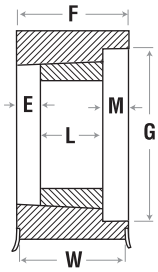
No. of Teeth	Catalog Number	Bore	Pitch	Diameter O.D.	Diameter Flange	Type +	Max Bore	Dimensions E	L	M	K	H	F	G	W	Weight Approx. (lbs.)
MPB 50mm (1.97 in.) Wide Belts (8M-50)																
28	P288M50-MPB	0.5	2.807	2.753	3.156	DF-1	1.25	0.75	3.125	—	—	0.9062	2.375	—	2.125	4.2
30	P308M50-MPB	0.5	3.008	2.954	3.344	DF-1	1.25	0.75	3.125	—	—	2.4687	2.375	—	2.125	4.9
32	P328M50-MPB	0.5	3.208	3.154	3.562	DF-1	1.625	0.75	3.125	—	—	2.5937	2.375	—	2.125	5.4
QD 50mm (1.97 in.) Wide Belts (8M-50)																
32	P328M50-H	H	3.208	3.154	3.562	AF-1	1.375	0.5	1.25	0.625	0.75	—	2.375	2.56	2.125	2.9
34	P348M50-SH	SH	3.409	3.355	3.750	AF-1	1.6875	—	1.25	1.125	0.5	—	2.375	2.75	2.125	3.2
36	P368M50-SH	SH	3.609	3.555	3.937	AF-1	1.6875	—	1.25	1.125	0.5	—	2.375	2.82	2.125	3.8
38	P388M50-SH	SH	3.810	3.756	4.156	AF-1	1.6875	—	1.25	1.125	0.5	—	2.375	3.00	2.125	4.2
40	P408M50-SH	SH	4.010	3.956	4.344	AF-1	1.6875	—	1.25	1.125	0.5	—	2.375	3.00	2.125	4.6
44	P448M50-SD	SD	4.411	4.357	4.750	AF-1	2	—	1.8125	0.5625	0.5625	—	2.375	3.50	2.125	5.2
48	P488M50-SD	SD	4.812	4.758	5.157	AF-1	2	—	1.8125	0.5625	0.5625	—	2.375	3.80	2.125	6.0
56	P568M50-SK	SK	5.614	5.560	5.937	DF-1	2.625	0.0625	1.875	0.5625	0.5625	—	2.375	4.60	2.125	7.6
64	P648M50-SK	SK	6.416	6.362	6.750	DF-1	2.625	0.0625	1.875	0.5625	0.5625	—	2.375	5.40	2.125	10.3
72	P728M50-SK	SK	7.218	7.164	7.562	DF-1	2.625	0.0625	1.875	0.5625	0.5625	—	2.375	6.20	2.125	13.3
80	P808M50-SF	SF	8.020	7.966	8.326	DF-1	2.875	0.0625	2	0.4375	0.5625	—	2.375	6.90	2.125	12.7
90	P908M50-SF	SF	9.023	8.969	—	D-2	2.875	0.0625	2	0.4375	0.5625	—	2.375	7.62	2.125	16.0
112	P1128M50-SF	SF	11.229	11.175	—	D-3	2.875	0.0625	2	0.4375	0.5625	—	2.375	9.88	2.125	21.0
144	P1448M50-E	E	14.437	14.383	—	D-3	3.5	0.5	2.625	2	0.375	—	2.375	12.88	2.125	35.0
192	P1928M50-E	E	19.249	19.195	—	D-3	3.5	0.5	2.625	2	0.375	—	2.375	17.63	2.125	45.0
144	P1448M30-SF	SF	14.447	14.383	—	C-3	2.938	0.563	2.063	—	.25	—	1.5	12.88	—	25.50
192	P1928M30-E	E	19.249	19.195	—	C-3	—	1.3125	2.625	.625	.6	—	1.5	17.63	—	30.00
Taper Bushed 50mm (1.97 in.) Wide Belts (8M-50)																
28	P288M50-1108	1108	2.807	2.753	3.16	KF-1	1	—	0.875	1.5	—	—	2.375	2.000	2.125	2.1
30	P308M50-1210	1210	3.008	2.954	3.34	KF-1	1.25	—	1	1.375	—	—	2.375	2.345	2.125	2.2
32	P328M50-1210	1210	3.208	3.154	3.56	KF-1	1.25	—	1	1.375	—	—	2.375	2.560	2.125	2.1
34	P348M50-1610	1610	3.409	3.355	3.75	KF-1	1.6875	—	1	1.375	—	—	2.375	2.750	2.125	2.1
36	P368M50-1610	1610	3.609	3.555	3.94	KF-1	1.6875	—	1	1.375	—	—	2.375	2.820	2.125	2.7
38	P388M50-1610	1610	3.810	3.756	4.16	KF-1	1.6875	—	1	1.375	—	—	2.375	3.000	2.125	3.1
40	P408M50-2012	2012	4.010	3.956	4.34	KF-1	2.125	—	1.25	1.125	—	—	2.375	3.250	2.125	3.4
44	P448M50-2012	2012	4.411	4.357	4.75	KF-1	2.125	—	1.25	1.125	—	—	2.375	3.500	2.125	4.3
48	P488M50-2012	2012	4.812	4.758	5.16	KF-1	2.125	—	1.25	1.125	—	—	2.375	3.800	2.125	5.5
56	P568M50-2517	2517	5.614	5.560	5.94	KF-1	2.6875	—	1.75	0.625	—	—	2.375	4.600	2.125	8.1
64	P648M50-2517	2517	6.416	6.362	6.75	KF-1	2.6875	—	1.75	0.625	—	—	2.375	5.400	2.125	11.7
72	P728M50-2517	2517	7.218	7.164	7.56	KF-1	2.6875	—	1.75	0.625	—	—	2.375	6.200	2.125	15.7
80	P808M50-2517	2517	8.020	7.966	8.38	KF-1	2.6875	—	1.75	0.625	—	—	2.375	6.900	2.125	20.3
90	P908M50-3020	3020	9.023	8.969	—	W-1	3.25	—	2	0.375	—	—	2.375	7.630	2.125	31.7
112	P1128M50-3020	3020	11.229	11.175	—	W-3	3.25	—	2	0.375	—	6.25	2.375	9.880	2.125	34.7
144	P1448M50-3020	3020	14.437	14.383	—	W-3	3.25	—	2	0.375	—	7.5	2.375	12.880	2.125	36.0
192	P1928M50-3020	3020	19.249	19.195	—	W-3	3.25	—	2	0.375	—	7.5	2.375	17.630	2.125	67.2

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

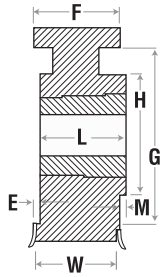
High Torque Sprockets
8mm

Type K



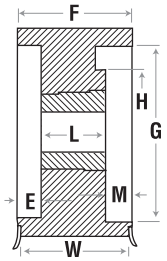
Type KF

Type B



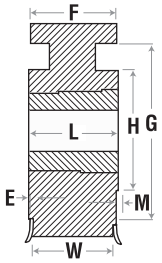
Type BF

Type W



Type WF

Type C



Type CF

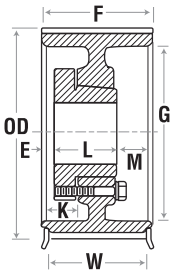
No. of Teeth	Catalog Number	Bore	Pitch	Diameter O.D.	Diameter Flange	Type +	Max Bore	Dimensions E	L	M	K	H	F	G	W	Weight Approx. (lbs.)
MPB 85mm (3.35 in.) Wide Belts (8M-85)																
34	P348M85-MPB	0.75	3.409	3.355	3.750	DF-1	1.6875	0.75	4.5	—	—	2.7968	3.75	—	3.5	10.00
36	P368M85-MPB	0.75	3.609	3.555	3.937	DF-1	1.75	0.75	4.5	—	—	3	3.75	—	3.5	11.30
38	P388M85-MPB	0.75	3.810	3.756	4.156	DF-1	1.9375	0.75	4.5	—	—	3.1875	3.75	—	3.5	12.60
40	P408M85-MPB	0.75	4.010	3.956	4.344	DF-1	2.125	0.75	4.5	—	—	3.4062	3.75	—	3.5	14.90
44	P448M85-MPB	0.75	4.411	4.357	4.750	DF-1	2.25	0.75	4.5	—	—	3.7968	3.75	—	3.5	17.20
48	P488M85-MPB	0.75	4.812	4.758	5.157	DF-1	2.5	0.75	4.5	—	—	4.1875	3.75	—	3.5	20.60
56	P568M85-MPB	0.875	5.614	5.560	5.937	DF-1	3	0.75	4.5	—	—	5	3.75	—	3.5	28.00
QD 85mm (3.35 in.) Wide Belts (8M-85)																
34	P348M85-SH	SH	3.409	3.355	3.819	AF-1	1.6875	1	1.25	1.5	1.5	—	3.75	2.75	3.5	4.6
36	P368M85-SH	SH	3.609	3.555	3.937	AF-1	1.6875	1	1.25	1.5	1.5	—	3.75	2.82	3.5	5.2
38	P388M85-SH	SH	3.810	3.756	4.134	AF-1	1.6875	1	1.25	1.5	1.5	—	3.75	3.00	3.5	5.8
40	P408M85-SD	SD	4.010	3.956	4.344	AF-1	2	0.6875	1.8125	1.25	1.25	—	3.75	3.25	3.5	5.6
44	P448M85-SD	SD	4.411	4.357	4.750	AF-1	2	0.6875	1.8125	1.25	1.25	—	3.75	3.50	3.5	6.2
48	P488M85-SD	SD	4.812	4.758	5.157	AF-1	2	0.6875	1.8125	1.25	1.25	—	3.75	3.80	3.5	7.8
56	P568M85-SK	SK	5.614	5.560	5.937	AF-1	2.625	0.625	1.875	1.25	1.25	—	3.75	4.60	3.5	9.8
64	P648M85-SF	SF	6.416	6.362	6.750	AF-1	2.625	0.625	1.875	1.25	1.25	—	3.75	5.40	3.5	13.0
72	P728M85-E	E	7.218	7.164	7.562	AF-1	2.9375	0.625	2	1.125	1.25	—	3.75	6.20	3.5	16.0
80	P808M85-E	E	8.020	7.966	8.375	AF-1	2.9375	0.625	2	1.125	1.25	—	3.75	6.90	3.5	17.0
90	P908M85-E	E	9.023	8.969	—	A-2	2.9375	0.625	2	1.125	1.25	—	3.75	7.62	—	20.0
112	P1128M85-F	F	11.229	11.175	—	A-3	2.9375	0.625	2	1.125	1.25	—	3.75	9.88	—	28.0
144	P1448M85-F	F	14.447	14.383	—	A-3	4	0.375	3.625	14	0.25	—	3.75	12.88	3.5	79.0
192	P1928M85-F	F	19.249	19.195	—	A-3	4	0.375	3.625	0.5	0.625	—	3.75	17.65	3.5	101.4
Taper Bushed 85mm (3.35 in.) Wide Belts (8M-85)																
34	P348M85-1615	1615	3.409	3.355	3.75	WF-1	1.6875	0.75	1.5	1.5	—	—	3.75	2.750	3.5	3.3
36	P368M85-1615	1615	3.609	3.555	3.94	WF-1	1.6875	0.75	1.5	1.5	—	—	3.75	2.820	3.5	4.2
38	P388M85-1615	1615	3.810	3.756	4.16	WF-1	1.6875	0.75	1.5	1.5	—	—	3.75	3.000	3.5	4.7
40	P408M85-2012	2012	4.010	3.956	4.34	WF-1	2.125	1.25	1.25	1.25	—	—	3.75	3.250	3.5	4.7
44	P448M85-2012	2012	4.411	4.357	4.75	WF-1	2.125	1.25	1.25	1.25	—	—	3.75	3.500	3.5	6.4
48	P488M85-2012	2012	4.812	4.758	5.16	WF-1	2.125	1.25	1.25	1.25	—	—	3.75	3.800	3.5	8.0
56	P568M85-2517	2517	5.614	5.560	5.94	WF-1	2.6875	1	1.75	1	—	—	3.75	4.500	3.5	11.0
64	P648M85-2517	2517	6.416	6.362	6.75	WF-1	2.6875	1	1.75	1	—	—	3.75	5.400	3.5	15.0
72	P728M85-3020	3020	7.218	7.164	7.56	WF-1	3.25	0.875	2	0.875	—	—	3.75	6.200	3.5	18.2
80	P808M85-3020	3020	8.020	7.966	8.38	WF-1	3.25	0.875	2	0.875	—	—	3.75	6.900	3.5	24.2
90	P908M85-3020	3020	9.023	8.969	—	W-1	3.25	0.875	2	0.875	—	—	3.75	7.630	—	31.9
112	P1128M85-3020	3020	11.229	11.175	—	W-3	3.25	0.875	2	0.875	—	6.25	3.75	9.880	—	34.6
144	P1448M85-3535	3535	14.437	14.383	—	W-3	3.9375	0.125	3.5	0.125	—	7	3.75	12.880	—	49.6
192	P1928M85-3535	3535	19.249	19.195	—	W-3	3.9375	0.125	3.5	0.125	—	7	3.75	17.630	—	81.4

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

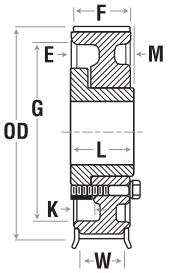
High Torque Sprockets
14mm

Type A



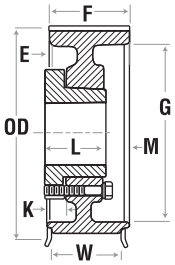
Type AF

Type C



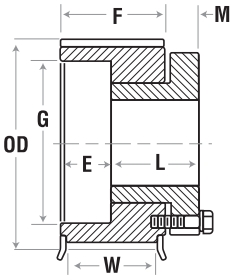
Type CF

Type D



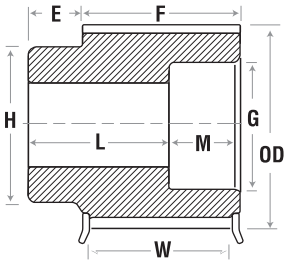
Type DF

Type E •



Type EF •

Type D (MPB Only)



Type DF (MPB Only)

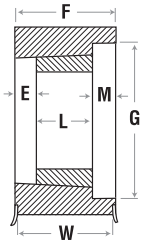
No. of Teeth	Catalog Number	Bore	Pitch	Diameter O.D.	Diameter Flange	Type +	Max Bore	Dimensions E	L	M	K	H	F	G	W	Weight Approx. (lbs.)
QD 40mm (1.570 in.) Wide Belts (140M-40																
28	P2814M40-SK	SK	4.912	4.802	5.56	• EF-1	2.625	0.875	1.875	0.625	—	—	2.125	3.13	1.8125	5.5
29	P2914M40-SK	SK	5.088	4.978	5.56	• EF-1	2.625	0.875	1.875	0.625	—	—	2.125	3.13	1.8125	6.5
30	P3014M40-SK	SK	5.263	5.153	6.13	DF-1	2.625	0.1875	1.875	0.4375	—	—	2.125	3.92	1.8125	6.0
32	P3214M40-SK	SK	5.614	5.504	6.13	DF-1	2.625	0.1875	1.875	0.4375	0.4375	—	2.125	3.92	1.8125	8.0
34	P3414M40-SK	SK	5.965	5.855	6.50	DF-1	2.625	0.1875	1.875	0.4375	0.4375	—	2.125	4.06	1.8125	8.5
36	P3614M40-SF	SF	6.316	6.206	6.81	DF-1	2.875	0.1875	2	0.3125	0.4375	—	2.125	4.69	1.8125	9.5
38	P3814M40-SF	SF	6.667	6.557	7.16	DF-1	2.875	0.1875	2	0.3125	0.4375	—	2.125	4.94	1.8125	11.5
40	P4014M40-SF	SF	7.018	6.909	7.50	DF-1	2.875	0.1875	2	0.3125	0.4375	—	2.125	5.06	1.8125	13.0
44	P4414M40-E	E	7.720	7.610	8.22	DF-1	3.5	0.625	2.625	0.125	0.25	—	2.125	6.12	1.8125	16.5
48	P4814M40-E	E	8.421	8.311	8.94	DF-1	3.5	0.625	2.625	0.125	0.25	—	2.125	6.50	1.8125	20.0
52	P5214M40-E	E	9.123	9.013	9.69	DF-1	3.5	0.625	2.625	0.125	0.25	—	2.125	7.18	1.8125	24.0
56	P5614M40-E	E	9.825	9.715	10.38	DF-1	3.5	0.625	2.625	0.125	0.25	—	2.125	7.88	1.8125	28.0
60	P6014M40-E	E	10.527	10.417	11.06	DF-1	3.5	0.625	2.625	0.125	0.25	—	2.125	8.50	1.8125	32.0
64	P6414M40-E	E	11.229	11.119	11.75	DF-2	3.5	0.625	2.625	0.125	0.25	—	2.125	9.25	1.8125	29.0
68	P6814M40-E	E	11.930	11.820	12.50	DF-2	3.5	0.625	2.625	0.125	0.25	—	2.125	10.00	1.8125	31.0
72	P7214M40-E	E	12.632	12.522	13.19	DF-2	3.5	0.625	2.625	0.125	0.25	—	2.125	10.69	1.8125	33.0
80	P8014M40-E	E	14.036	13.926	14.63	DF-2	3.5	0.625	2.625	0.125	0.25	—	2.125	12.13	1.8125	38.0
90	P9014M40-E	E	15.790	15.680	—	D-3	3.5	0.625	2.625	0.125	0.25	—	2.125	14.00	—	39.0
112	P11214M40-E	E	19.650	19.540	—	D-3	3.5	0.625	2.625	0.125	0.25	—	2.125	17.80	—	51.0
144	P14414M40-E	E	25.264	25.154	—	D-3	3.5	0.625	2.625	0.125	0.25	—	2.125	23.38	—	80.0
Taper Bushed 40mm (1.570 in.) Wide Belts (140M-40)																
28	P2814M40-2012	2012	4.912	4.802	5.56	KF-1	2.125	—	1.25	0.875	—	—	2.125	3.375	1.8125	3.5
29	P2914M40-2012	2012	5.088	4.978	5.56	KF-1	2.125	—	1.25	0.875	—	—	2.125	3.375	1.8125	3.9
30	P3014M40-2012	2012	5.263	5.153	6.13	KF-1	2.125	—	1.25	0.875	—	—	2.125	3.928	1.8125	6.4
32	P3214M40-2012	2012	5.614	5.504	6.13	KF-1	2.125	—	1.25	0.875	—	—	2.125	3.928	1.8125	8.0
34	P3414M40-2012	2012	5.965	5.855	6.50	KF-1	2.125	—	1.25	0.875	—	—	2.125	4.063	1.8125	9.4
36	P3614M40-2517	2517	6.316	6.206	6.81	KF-1	2.6875	—	1.75	0.375	—	—	2.125	4.688	1.8125	10.5
38	P3814M40-2517	2517	6.667	6.557	7.16	KF-1	2.6875	—	1.75	0.375	—	—	2.125	4.813	1.8125	12.2
40	P4014M40-2517	2517	7.018	6.908	7.50	KF-1	2.6875	—	1.75	0.375	—	—	2.125	5.188	1.8125	14.2
44	P4414M40-2517	2517	7.720	7.610	8.22	KF-1	2.6875	—	1.75	0.375	—	—	2.125	6.125	1.8125	17.6
48	P4814M40-2517	2517	8.421	8.311	8.94	KF-1	2.6875	—	1.75	0.375	—	—	2.125	6.500	1.8125	22.0
52	P5214M40-2517	2517	9.123	9.013	9.69	KF-1	2.6875	—	1.75	0.375	—	—	2.125	7.188	1.8125	26.5
56	P5614M40-2517	2517	9.825	9.715	10.38	WF-2	2.6875	—	1.75	0.375	4.875	—	2.125	7.875	1.8125	21.5
60	P6014M40-3020	3020	10.527	10.417	11.06	WF-2	3.25	—	2	0.125	6.25	—	2.125	8.500	1.8125	33.7
64	P6414M40-3020	3020	11.229	11.119	11.75	WF-2	3.25	—	2	0.125	6.25	—	2.125	9.250	1.8125	36.5
68	P6814M40-3020	3020	11.930	11.820	12.50	WF-2	3.25	—	2	0.125	6.25	—	2.125	10.000	1.8125	39.3
72	P7214M40-3020	3020	12.632	12.522	13.19	WF-2	3.25	—	2	0.125	6.25	—	2.125	10.688	1.8125	42.6
80	P8014M40-3020	3020	14.036	13.926	14.63	WF-3	3.25	—	2	0.125	6.25	—	2.125	12.125	1.8125	38.8
90	P9014M40-3020	3020	15.790	15.680	—	W-3	3.25	—	2	0.125	6.25	—	2.125	13.563	—	44.5
112	P11214M40-3020	3020	19.650	19.540	—	W-3	3.25	—	2	0.125	6.25	—	2.125	17.375	—	64.9
144	P14414M40-3020	3020	25.264	25.154	—	W-3	3.25	—	2	0.125	6.25	—	2.125	23.000	—	97.4

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

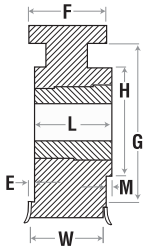
High Torque Sprockets
14mm

Type K



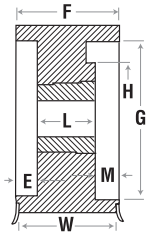
Type KF

Type B



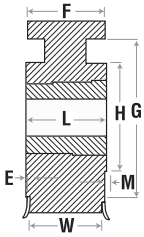
Type BF

Type W



Type WF

Type C



Type CF

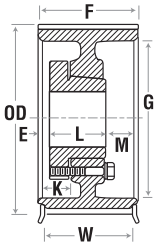
No. of Teeth	Catalog Number	Bore	Pitch	Diameter O.D.	Diameter Flange	Type +	Max Bore	Dimensions E	L	M	K	H	F	G	W	Weight Approx (lbs.)
QD 55mm (2.17 in.) Wide Belts (14M-55)																
28	P2814M55-SK	SK	4.912	4.808	5.56	• EF-1	2.625	1.5	1.875	0.625	—	—	2.75	3.13	2.4375	7.0
29	P2914M55-SK	SK	5.088	4.983	5.56	• EF-1	2.625	1.5	1.875	0.625	—	—	2.75	3.13	2.4375	8.0
30	P3014M55-SK	SK	5.263	5.157	6.13	AF-1	2.625	0.125	1.875	0.75	0.75	—	2.75	3.92	2.4375	7.5
32	P3214M55-SK	SK	5.614	5.507	6.13	AF-1	2.625	0.125	1.875	0.75	0.75	—	2.75	3.92	2.4375	9.0
34	P3414M55-SK	SK	5.965	5.858	6.50	AF-1	2.625	0.125	1.875	0.75	0.75	—	2.75	4.06	2.4375	10.0
36	P3614M55-SF	SF	6.316	6.208	6.81	AF-1	2.875	0.125	2	0.625	0.75	—	2.75	4.69	2.4375	11.0
38	P3814M55-SF	SF	6.667	6.559	7.16	AF-1	2.875	0.125	2	0.625	0.75	—	2.75	4.94	2.4375	13.0
40	P4014M55-SF	SF	7.018	6.909	7.50	AF-1	2.875	0.125	2	0.625	0.75	—	2.75	5.06	2.4375	15.0
44	P4414M55-E	E	7.720	7.610	8.22	DF-1	3.5	0.3125	2.625	0.4375	0.5625	—	2.75	6.12	2.4375	19.0
48	P4814M55-E	E	8.421	8.311	8.94	DF-1	3.5	0.3125	2.625	0.4375	0.5625	—	2.75	6.50	2.4375	23.0
52	P5214M55-E	E	9.123	9.013	9.69	DF-1	3.5	0.3125	2.625	0.4375	0.5625	—	2.75	7.18	2.4375	27.0
56	P5614M55-E	E	9.825	9.715	10.38	DF-1	3.5	0.3125	2.625	0.4375	0.5625	—	2.75	7.88	2.4375	32.0
60	P6014M55-E	E	10.527	10.417	11.06	DF-1	3.5	0.3125	2.625	0.4375	0.5625	—	2.75	8.50	2.4375	36.0
64	P6414M55-F	F	11.229	11.119	11.75	CF-1	4	0.875	3.625	—	0.125	—	2.75	9.25	2.4375	53.0
68	P6814M55-F	F	11.930	11.820	12.50	DF-2	4	0.875	3.625	—	0.125	—	2.75	10.00	2.4375	43.0
72	P7214M55-F	F	12.632	12.522	13.19	CF-2	4	0.875	3.625	—	0.125	—	2.75	10.69	2.4375	49.0
80	P8014M55-F	F	14.036	13.926	14.63	CF-2	4	0.875	3.625	—	0.125	—	2.75	12.13	2.4375	54.0
90	P9014M55-F	F	15.790	15.680	—	C-3	4	0.875	3.625	—	0.125	—	2.75	14.00	—	55.0
112	P11214M55-F	F	19.650	19.540	—	C-3	4	0.875	3.625	—	0.125	—	2.75	17.88	—	71.0
144	P14414M55-F	F	25.264	25.154	—	C-3	4	0.875	3.625	—	0.125	—	2.75	23.38	—	106.0
168	P16814M55-F	F	29.475	29.365	—	C-3	4	0.875	3.625	—	0.125	—	2.75	27.56	—	124.0
192	P19214M55-F	F	33.686	33.576	—	C-3	4	0.875	3.625	—	0.125	—	2.75	31.81	—	146.0
216	P21614M55-F	F	37.896	37.786	—	C-3	4	0.875	3.625	—	0.125	—	2.75	35.75	—	205.0
Taper Bushed 55mm (2.17 in.) Wide Belts (14M-55)																
28	P2814M55-2012	2012	4.912	4.802	5.56	KF-1	2.125	—	1.25	1.5	—	—	2.75	3.375	2.4375	7.4
29	P2914M55-2012	2012	5.088	4.978	5.56	KF-1	2.125	—	1.25	1.5	—	—	2.75	3.375	2.4375	8.4
30	P3014M55-2517	2517	5.263	5.153	6.13	KF-1	2.6875	—	1.75	1	—	—	2.75	3.928	2.4375	7.2
32	P3214M55-2517	2517	5.614	5.504	6.13	KF-1	2.6875	—	1.75	1	—	—	2.75	3.928	2.4375	9.3
34	P3414M55-2517	2517	5.965	5.855	6.50	KF-1	2.6875	—	1.75	1	—	—	2.75	4.063	2.4375	11.2
36	P3614M55-2517	2517	6.316	6.206	6.81	KF-1	2.6875	—	1.75	1	—	—	2.75	4.688	2.4375	12.4
38	P3814M55-2517	2517	6.667	6.557	7.16	KF-1	2.6875	—	1.75	1	—	—	2.75	4.813	2.4375	14.4
40	P4014M55-2517	2517	7.018	6.908	7.50	KF-1	2.6875	—	1.75	1	—	—	2.75	5.188	2.4375	16.7
44	P4414M55-2517	2517	7.720	7.610	8.22	KF-1	2.6875	—	1.75	1	—	—	2.75	6.125	2.4375	19.9
48	P4814M55-3020	3020	8.421	8.311	8.94	KF-1	3.25	—	2	0.75	—	—	2.75	6.500	2.4375	29.2
52	P5214M55-3020	3020	9.123	9.013	9.69	KF-1	3.25	—	2	0.75	—	—	2.75	7.188	2.4375	34.5
56	P5614M55-3020	3020	9.825	9.715	10.38	KF-1	3.25	—	2	0.75	—	—	2.75	7.875	2.4375	40.1
60	P6014M55-3020	3020	10.527	10.417	11.06	WF-2	3.25	—	2	0.75	—	6.25	2.75	8.500	2.4375	46.4
64	P6414M55-3020	3020	11.229	11.119	11.75	WF-2	3.25	—	2	0.75	—	6.25	2.75	9.250	2.4375	52.7
68	P6814M55-3020	3020	11.930	11.820	12.50	WF-2	3.25	—	2	0.75	—	6.25	2.75	10.000	2.4375	45.5
72	P7214M55-3020	3020	12.632	12.522	13.19	WF-2	3.25	—	2	0.75	—	6.25	2.75	10.688	2.4375	49.5
80	P8014M55-3020	3020	14.036	13.926	14.63	WF-3	3.25	—	2	0.75	—	6.25	2.75	12.125	2.4375	45.2
90	P9014M55-3020	3020	15.790	15.680	—	W-3	3.25	—	2	0.75	—	6.25	2.75	13.563	—	46.1
112	P11214M55-3020	3020	19.650	19.540	—	W-3	3.25	—	2	0.75	—	6.25	2.75	17.375	—	69.8
144	P14414M55-3020	3020	25.264	25.154	—	W-3	3.25	—	2	0.75	—	6.25	2.75	23.000	—	104.4
192	P19214M55-3535	3535	33.686	33.576	—	C-3	3.9375	0.38	3.5	0.375	—	7	2.75	31.375	—	104.2

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

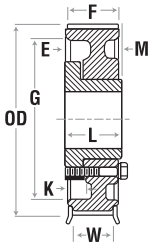
High Torque Sprockets
14mm

Type A



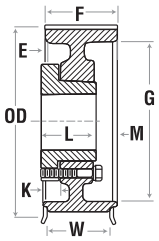
Type AF

Type C



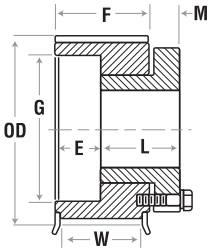
Type CF

Type D



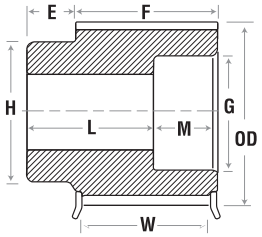
Type DF

Type E •



Type EF •

Type D (MPB Only)



Type DF (MPB Only)

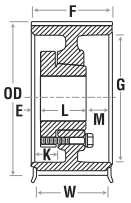
No. of Teeth	Catalog Number	Bore	Pitch	Diameter O.D.	Diameter Flange	Type +	Max Bore	Dimensions E	L	M	K	H	F	G	W	Weight Approx (lbs.)
MPB 85mm (3.35in.) Wide Belts (14M-85)																
28	P2814M85-MPB	1.25	4.912	4.802	5.56	DF-1	2.3125	1	4	1	—	3.6875	4	3.13	3.6875	18.0
29	P2914M85-MPB	1.25	5.088	4.983	5.56	DF-1	2.3125	1	4	1	—	3.6875	4	3.13	3.6875	19.4
30	P3014M85-MPB	1.25	5.263	5.157	6.13	DF-1	2.5	1	4	1	—	0.7656	4	3.72	3.6875	20.6
32	P3214M85-MPB	1.25	5.614	5.507	6.13	DF-1	2.5	1	4	1	—	0.7656	4	3.72	3.6875	23.4
34	P3414M85-MPB	1.25	5.965	5.858	6.50	DF-1	2.6875	1	4	1	—	4.4843	4	4.06	3.6875	27.4
QD 85mm (3.35in.) Wide Belts (14M-85)																
30	P3014M85-SK	SK	5.293	5.157	6.13	AF-1	2.625	0.75	1.875	1.375	1.375	—	4	3.92	3.6875	10.0
32	P3214M85-SK	SK	5.614	5.507	6.13	AF-1	2.875	0.75	1.875	1.375	1.375	—	4	3.92	3.6875	13.0
34	P3414M85-SK	SK	5.965	5.853	6.13	AF-1	2.875	0.75	1.875	1.375	1.375	—	4	4.06	3.6875	14.0
36	P3614M85-SF	SF	6.316	6.206	6.81	AF-1	2.875	0.75	2	1.25	1.375	—	4	4.69	3.6875	15.0
38	P3814M85-SF	SF	6.667	6.557	7.16	AF-1	2.875	0.75	2	1.25	1.375	—	4	4.94	3.6875	18.0
40	P4014M85-SF	SF	7.018	6.909	7.50	AF-1	2.875	0.75	2	1.25	1.375	—	4	5.06	3.6875	20.0
44	P4414M85-E	E	7.720	7.610	8.22	AF-1	3.5	0.3125	2.625	0.6875	0.8125	—	4	6.12	3.6875	25.0
48	P4814M85-E	E	8.421	8.311	8.94	AF-1	3.5	0.3125	2.625	0.6875	0.8125	—	4	6.50	3.6875	29.0
52	P5214M85-E	E	9.123	9.013	9.69	AF-1	3.5	0.3125	2.625	0.6875	0.8125	—	4	7.18	3.6875	32.0
56	P5614M85-F	F	9.825	9.715	10.38	DF-1	4	0.25	3.625	0.625	0.75	—	4	7.88	3.6875	46.0
60	P6014M85-F	F	10.527	10.417	11.06	DF-1	4	0.25	3.625	0.625	0.75	—	4	8.50	3.6875	51.0
64	P6414M85-F	F	11.229	11.119	11.75	DF-1	4	0.25	3.625	0.625	0.75	—	4	9.25	3.6875	62.0
68	P6814M85-F	F	11.930	11.820	12.50	DF-2	4	0.25	3.625	0.625	0.75	—	4	10.00	3.6875	51.0
72	P7214M85-F	F	12.632	12.522	13.19	DF-2	4	0.25	3.625	0.625	0.75	—	4	10.69	3.6875	60.0
80	P8014M85-F	F	14.036	13.926	14.63	DF-2	4	0.25	3.625	0.625	0.75	—	4	12.13	3.6875	66.0
90	P9014M85-F	F	15.790	15.680	—	D-3	4	0.25	3.625	0.625	0.75	—	4	14.00	—	69.0
112	P11214M85-F	F	19.650	19.540	—	D-3	4	0.25	3.625	0.625	0.75	—	4	17.88	—	89.0
144	P14414M85-F	F	25.264	25.154	—	D-3	4	0.25	3.625	0.625	0.75	—	4	23.38	—	127.0
168	P16814M85-J	J	29.475	29.365	—	D-3	4.5	0.25	3.625	0.625	0.75	—	4	27.56	—	148.0
192	P19214M85-J	J	33.686	33.576	—	D-3	4.5	0.25	3.625	0.625	0.75	—	4	31.81	—	177.0
216	P21614M85-J	J	37.896	37.786	—	D-3	4.5	0.25	3.625	0.625	0.75	—	4	35.75	—	251.0
Taper Bushed 85mm (3.35in.) Wide Belts (14M-85)																
30	P3014M85-2517	2517	5.263	5.153	6.13	WF-1	2.5	0.5	1.75	1.75	—	—	4	3.928	3.6875	9.7
32	P3214M85-2517	2517	5.614	5.504	6.13	WF-1	2.6875	0.875	1.75	1.375	—	—	4	3.928	3.6875	12.7
34	P3414M85-2517	2517	5.965	5.855	6.50	WF-1	2.6875	0.875	1.75	1.375	—	—	4	4.063	3.6875	15.3
36	P3614M85-3020	3020	6.316	6.206	6.81	WF-1	3.25	0.5312	2	1.4687	—	—	4	4.688	3.6875	19.3
38	P3814M85-3020	3020	6.667	6.557	7.16	WF-1	3.25	0.5312	2	1.4687	—	—	4	4.813	3.6875	21.9
40	P4014M85-3020	3020	7.018	6.908	7.50	WF-1	3.25	0.5312	2	1.4687	—	—	4	5.063	3.6875	25.1
44	P4414M85-3020	3020	7.720	7.610	8.22	WF-1	3.25	0.5312	2	1.4687	—	—	4	6.125	3.6875	28.4
48	P4814M85-3020	3020	8.421	8.311	8.94	WF-1	3.25	0.5312	2	1.4687	—	—	4	6.500	3.6875	35.4
52	P5214M85-3535	3535	9.123	9.013	9.69	KF-1	3.9375	—	3.5	0.5	—	—	4	7.188	3.6875	42.9
56	P5614M85-3535	3535	9.825	9.715	10.38	KF-1	3.9375	—	3.5	0.5	—	—	4	7.875	3.6875	52.4
60	P6014M85-3535	3535	10.527	10.417	11.06	KF-1	3.9375	—	3.5	0.5	—	—	4	8.500	3.6875	62.7
64	P6414M85-3535	3535	11.229	11.119	11.75	KF-1	3.9375	—	3.5	0.5	—	—	4	9.250	3.6875	73.6
68	P6814M85-3535	3535	11.930	11.820	12.50	KF-1	3.9375	—	3.5	0.5	—	—	4	10.000	3.6875	64.2
72	P7214M85-3535	3535	12.632	12.522	13.19	KF-1	3.9375	—	3.5	0.5	—	—	4	10.688	3.6875	97.4
80	P8014M85-3535	3535	14.036	13.926	14.63	WF-2	3.9375	—	3.5	0.5	—	—	4	12.125	3.6875	68.4
90	P9014M85-3535	3535	15.790	15.680	—	W-3	3.9375	—	3.5	0.5	—	7	4	13.563	—	69.1
112	P11214M85-3535	3535	19.650	19.540	—	W-3	3.9375	—	3.5	0.5	—	7	4	17.375	—	85.7
144	P14414M85-4040	4040	25.264	25.154	—	W-3	4.4375	—	4	—	—	8.5	4	23.000	—	131.6
168	P16814M85-4040	4040	29.475	29.365	—	W-3	4.4375	—	4	—	—	8.5	4	27.250	—	146.1
192	P19214M85-4040	4040	33.686	33.576	—	W-3	4.4375	—	4	—	—	8.5	4	31.375	—	161.4

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

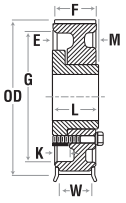
High Torque Sprockets
14mm

Type A



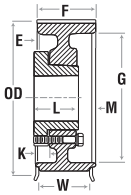
Type AF

Type C



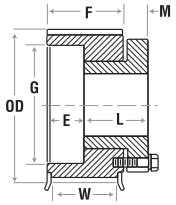
Type CF

Type D



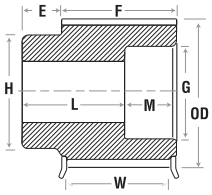
Type DF

Type E •



Type EF •

Type D (MPB Only)



Type DF (MPB Only)

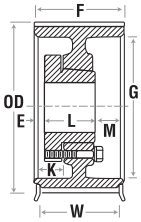
No. of Teeth	Catalog Number	Bore	Pitch	Diameter O.D.	Diameter Flange	Type +	Max Bore	Dimensions E	L	M	K	H	F	G	W	Weight (lbs.)
MPB 115mm (4.53 in.) Wide Belts (14M-115)																
28	P2814M115-MPB	1.25	4.912	4.808	5.56	DF-1	2.3125	1.25	5	1.5	—	3.6875	5.25	3.13	4.9375	23.2
29	P2914M115-MPB	1.25	5.088	4.983	5.56	DF-1	2.3125	1.25	5	1.5	—	3.6875	5.25	3.13	4.9375	24.8
30	P3014M115-MPB	1.25	5.263	5.157	6.13	DF-1	2.5	1.25	5	1.5	—	0.7656	5.25	3.90	4.9375	26.4
32	P3214M115-MPB	1.25	5.614	5.507	6.13	DF-1	2.5	1.25	5	1.5	—	0.7656	5.25	3.90	4.9375	30.8
34	P3414M115-MPB	1.25	5.965	5.858	6.50	DF-1	2.6875	1.25	5	1.5	—	4.4843	5.25	4.06	4.9375	35.2
36	P3614M115-MPB	1.25	6.316	6.208	6.81	DF-1	3	1.25	5	1.5	—	4.875	5.25	4.69	4.9375	38.8
38	P3814M115-MPB	1.25	6.667	6.559	7.16	DF-1	3.25	1.25	5	1.5	—	5.1718	5.25	4.94	4.9375	44.4
40	P4014M115-MPB	1.25	7.018	6.909	7.50	DF-1	3.4375	1.25	5	1.5	—	5.5625	5.25	5.06	4.9375	50.0
QD 115mm (4.53 in.) Wide Belts (14M-115)																
30	P3014M115-SK	1.25	5.263	5.157	6.13	AF-1	2.875	1.375	1.875	2	2	—	5.25	3.92	4.9375	12.0
32	P3214M115-SK	1.25	5.614	5.507	6.13	AF-1	2.875	1.375	1.875	2	2	—	5.25	3.92	4.9375	16.0
34	P3414M115-SK	1.25	5.965	5.858	6.50	AF-1	2.875	1.375	1.875	2	2	—	5.25	4.06	4.9375	17.0
36	P3614M115-SF	1.25	6.316	6.208	6.81	AF-1	3	1.375	2	1.875	2	—	5.25	4.69	4.9375	18.0
38	P3814M115-SF	1.25	6.667	6.559	7.16	AF-1	3	1.375	2	1.875	2	—	5.25	4.94	4.9375	22.0
40	P4014M115-SF	1.25	7.018	6.909	7.50	AF-1	3	1.375	2	1.875	2	—	5.25	5.06	4.9375	25.0
44	P4414M115-E	E	7.720	7.610	8.22	AF-1	3.5	0.9375	2.625	1.6875	1.8125	—	5.25	6.12	4.9375	30.0
48	P4814M115-E	E	8.421	8.311	8.94	AF-1	3.5	0.9375	2.625	1.6875	1.8125	—	5.25	6.50	4.9375	35.0
52	P5214M115-F	F	9.123	9.013	9.69	AF-1	4	0.375	3.625	1.25	1.375	—	5.25	7.18	4.9375	42.0
56	P5614M115-F	F	9.825	9.715	10.38	AF-1	4	0.375	3.625	1.25	1.375	—	5.25	7.88	4.9375	53.0
60	P6014M115-F	F	10.527	10.417	11.06	AF-1	4.5	0.375	3.625	1.25	1.375	—	5.25	8.50	4.9375	60.0
64	P6414M115-J	J	11.229	11.119	11.75	DF-1	4.5	0.1875	4.5	0.9375	1	—	5.25	9.25	4.9375	76.0
68	P6814M115-J	J	11.930	11.820	12.50	DF-1	4.5	0.1875	4.5	0.9375	1	—	5.25	10.00	4.9375	83.0
72	P7214M115-J	J	12.632	12.522	13.19	DF-1	4.5	0.1875	4.5	0.9375	1	—	5.25	10.69	4.9375	99.0
80	P8014M115-J	J	14.036	13.926	14.63	DF-2	4.5	0.1875	4.5	0.9375	1	—	5.25	12.13	4.9375	87.0
90	P9014M115-J	J	15.790	15.680	—	D-2	4.5	0.1875	4.5	0.9375	1	—	5.25	14.00	—	95.0
112	P11214M115-J	J	19.650	19.540	—	D-3	4.5	0.1875	4.5	0.9375	1	—	5.25	17.88	—	114.0
144	P14414M115-J	J	25.264	25.154	—	D-3	4.5	0.1875	4.5	0.9375	1	—	5.25	23.38	—	166.0
168	P16814M115-M	M	29.475	29.365	—	D-3	5.5	0.1875	4.5	0.9375	1	—	5.25	27.56	—	198.0
192	P19214M115-M	M	33.686	33.576	—	D-3	5.5	0.1875	4.5	0.9375	1	—	5.25	31.81	—	232.0
216	P21614M115-M	M	37.896	37.786	—	D-3	5.5	0.1875	4.5	0.9375	1	—	5.25	35.75	—	307.0
Taper Bushed 115mm (4.53 in.) Wide Belts (14M-115)																
30	P3014M115-2517	2517	5.263	5.153	6.13	WF-1	2.6875	1.75	1.75	1.75	—	—	5.25	3.928	4.9375	13.5
32	P3214M115-2517	2517	5.614	5.504	6.13	WF-1	2.6875	1.75	1.75	1.75	—	—	5.25	3.928	4.6875	17.3
34	P3414M115-2517	2517	5.965	5.855	6.50	WF-1	2.6875	1.75	1.75	1.75	—	—	5.25	4.063	4.6875	20.9
36	P3614M115-3020	3020	6.316	6.206	6.81	WF-1	3.25	1.625	2	1.625	—	—	5.25	4.688	4.6875	18.6
38	P3814M115-3020	3020	6.667	6.557	7.16	WF-1	3.25	1.625	2	1.625	—	—	5.25	4.813	4.6875	22.5
40	P4014M115-3020	3020	7.018	6.908	7.50	WF-1	3.25	1.625	2	1.625	—	—	5.25	5.063	4.6875	26.8
44	P4414M115-3535	3535	7.720	7.610	8.22	WF-1	3.9375	0.875	3.5	0.875	—	—	5.25	6.125	4.6875	30.8
48	P4814M115-3535	3535	8.421	8.311	8.94	WF-1	3.9375	0.875	3.5	0.875	—	—	5.25	6.500	4.6875	41.1
52	P5214M115-4040	4040	9.123	9.013	9.69	WF-1	4.4375	0.625	4	0.625	—	—	5.25	7.188	4.6875	46.9
56	P5614M115-4040	4040	9.825	9.715	10.38	WF-1	4.4375	0.625	4	0.625	—	—	5.25	7.875	4.6875	58.3
60	P6014M115-4040	4040	10.527	10.417	11.06	WF-1	4.4375	0.625	4	0.625	—	—	5.25	8.500	4.6875	70.9
64	P6414M115-4545	4545	11.229	11.119	11.75	WF-1	4.9375	0.375	4.5	0.375	—	—	5.25	9.250	4.6875	82.1
68	P6814M115-4545	4545	11.930	11.820	12.50	WF-1	4.9375	0.375	4.5	0.375	—	—	5.25	10.000	4.6875	97.1
72	P7214M115-4545	4545	12.632	12.522	13.19	WF-1	4.9375	0.375	4.5	0.375	—	—	5.25	10.688	4.6875	113.3
80	P8014M115-4545	4545	14.036	13.926	14.63	WF-2	4.9375	0.375	4.5	0.375	9.5	—	5.25	12.125	4.6875	108.9
90	P9014M115-4545	4545	15.790	15.680	—	W-2	4.9375	0.375	4.5	0.375	9.5	—	5.25	13.563	—	112.9
112	P11214M115-4545	4545	19.650	19.540	—	W-3	4.9375	0.375	4.5	0.375	9.5	—	5.25	17.375	—	122.4
144	P14414M115-4545	4545	25.264	25.154	—	W-3	4.9375	0.375	4.5	0.375	9.5	—	5.25	23.000	—	155.0
168	P16814M115-4545	4545	29.475	29.365	—	W-3	4.9375	0.375	4.5	0.375	9.5	—	5.25	27.250	—	188.0
192	P19214M115-4545	4545	33.686	33.576	—	W-3	4.9375	0.375	4.5	0.375	9.5	—	5.25	31.375	—	318.8
216	P21614M115-6050	6050	37.896	37.786	—	W-3	6	—	5	0.25	15.5	—	5.25	35.625	—	350.3

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

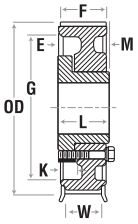
High Torque Sprockets
14mm

Type A



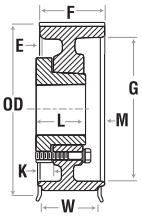
Type AF

Type C



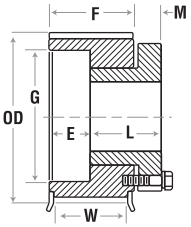
Type CF

Type D



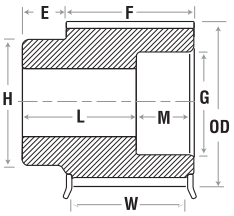
Type DF

Type E •



Type EF •

Type D (MPB Only)



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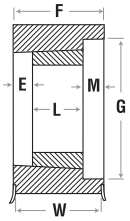
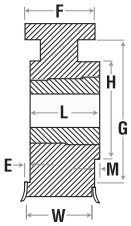


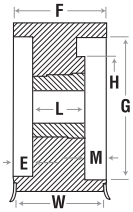
Type KF

Type B



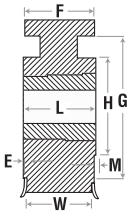
Type BF

Type W



Type WF

Type C



Type CF

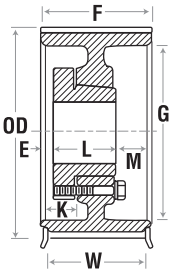
No. of Teeth	Catalog Number	Bore	Pitch	Diameter O.D.	Diameter Flange	Type +	Max Bore	Dimensions E	L	M	K	H	F	G	W	Weight Approx (lbs.)
MPB 170mm (6.69 in.) Wide Belts (14M-170)																
36	P3614M170-MPB	1.5	6.316	6.208	6.81	DF-1	3	1.125	6	2.625	—	4.875	7.375	4.69	7.0625	47.0
38	P3814M170-MPB	1.5	6.667	6.559	7.16	DF-1	3.125	1.125	6	2.625	—	5.1718	7.375	4.94	7.0625	55.7
40	P4014M170-MPB	1.5	7.018	6.909	7.50	DF-1	3.4375	1.125	6	2.625	—	5.5625	7.375	5.06	7.0625	63.7
44	P4414M170-MPB	1.5	7.720	7.610	8.22	DF-1	4.375	1.125	6	2.625	—	6.25	7.375	6.13	7.0625	75.7
48	P4814M170-MPB	1.5	8.421	8.311	8.94	DF-1	4.5	1.125	6	2.625	—	6.9375	7.375	6.50	7.0625	94.0
QD 170mm (6.69 in.) Wide Belts (14M-170)																
44	P4414M170-E	E	7.720	7.610	8.22	AF-1	3.625	2	2.625	2.75	2.875	—	7.375	6.12	7.0625	38.0
48	P4814M170-E	E	8.421	8.311	8.94	AF-1	3.625	2	2.625	2.75	2.4375	—	7.375	6.50	7.0625	45.0
52	P5214M170-F	F	9.123	9.013	9.69	AF-1	4	1.4375	3.625	2.3125	2.4375	—	7.375	7.18	7.0625	52.0
56	P5614M170-F	F	9.825	9.715	10.38	AF-1	4	1.4375	3.625	2.3125	2.125	—	7.375	7.88	7.0625	65.0
60	P6014M170-J	J	10.527	10.417	11.06	AF-1	4.5	0.9375	4.5	1.9375	2.125	—	7.375	8.50	7.0625	75.0
64	P6414M170-J	J	11.229	11.119	11.75	AF-1	4.5	0.9375	4.5	1.9375	2.125	—	7.375	9.25	7.0625	91.0
68	P6814M170-J	J	11.930	11.820	12.50	AF-1	4.5	0.9375	4.5	1.9375	2.125	—	7.375	10.00	7.0625	96.0
72	P7214M170-J	J	12.632	12.522	13.19	AF-1	4.5	0.9375	4.5	1.9375	2.125	—	7.375	10.69	7.0625	115.0
80	P8014M170-J	J	14.036	13.926	14.63	AF-2	4.5	0.9375	4.5	1.9375	2.125	—	7.375	12.13	7.0625	107.0
90	P9014M170-J	J	15.790	15.680	—	A-2	4.5	0.9375	4.5	1.9375	2.125	—	7.375	14.00	—	116.0
112	P11214M170-M	M	19.650	19.540	—	A-3	5.5	—	6.75	0.625	1.4375	—	7.375	17.88	—	175.0
144	P14414M170-M	M	25.264	25.154	—	A-3	5.5	—	6.75	0.625	1.4375	—	7.375	23.38	—	240.0
168	P16814M170-M	M	29.475	29.365	—	A-3	5.5	—	6.75	0.625	1.4375	—	7.375	27.56	—	278.0
192	P19214M170-M	M	33.686	33.576	—	A-3	5.5	—	6.75	0.625	1.4375	—	7.375	31.81	—	322.0
216	P21614M170-M	M	37.896	37.786	—	A-3	5.5	—	6.75	0.625	1.4375	—	7.375	35.75		399.0
Taper Bushed 170mm (6.69 in.) Wide Belts (14M-170)																
44	P4414M170-3535	3535	7.720	7.610	8.22	WF-1	3.9375	1.9375	3.5	1.9375	—	—	7.375	6.13	7.0625	39.7
48	P4814M170-3535	3535	8.421	8.311	8.94	WF-1	3.9375	1.9375	3.5	1.9375	—	—	7.375	6.50	7.0625	52.8
52	P5214M170-4040	4040	9.123	9.013	9.69	WF-1	4.4375	1.6875	4	1.6875	—	—	7.375	7.19	7.0625	59.8
56	P5614M170-4040	4040	9.825	9.715	10.38	WF-1	4.4375	1.6875	4	1.6875	—	—	7.375	7.88	7.0625	72.4
60	P6014M170-4545	4545	10.527	10.417	11.06	WF-1	4.9375	1.4375	4.5	1.4375	—	—	7.375	8.50	7.0625	83.7
64	P6414M170-4545	4545	11.229	11.119	11.75	WF-1	4.9375	1.4375	4.5	1.4375	—	—	7.375	9.25	7.0625	98.6
68	P6814M170-4545	4545	11.930	11.820	12.50	WF-1	4.9375	1.4375	4.5	1.4375	—	—	7.375	10.00	7.0625	114.4
72	P7214M170-4545	4545	12.632	12.522	13.19	WF-1	4.9375	1.4375	4.5	1.4375	—	—	7.375	10.69	7.0625	131.8
80	P8014M170-4545	4545	14.036	13.926	14.63	WF-2	4.9375	1.4375	4.5	1.4375	—	9.5	7.375	12.13	7.0625	129.3
90	P9014M170-4545	4545	15.790	15.680	—	W-2	4.9375	1.4375	4.5	1.4375	—	9.5	7.375	13.56	—	126.8
112	P11214M170-4545	4545	19.650	19.540	—	W-3	4.9375	1.4375	4.5	1.1875	—	9.5	7.375	17.38	—	148.0
144	P14414M170-6050	6050	25.264	25.154	—	W-3	6	1.1875	5	1.1875	—	15.5	7.375	23.00	—	208.0
168	P16814M170-6050	6050	29.475	29.365	—	W-3	6	1.1875	5	1.1875	—	15.5	7.375	27.25	—	227.0
192	P19214M170-6050	6050	33.686	33.576	—	W-3	6	1.1875	5	1.1875	—	15.5	7.375	31.38	—	340.0
216	P21614M170-6050	6050	37.896	37.786	—	W-3	6	1.1875	5	1.1875	—	15.5	7.375	35.63	—	390.0

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

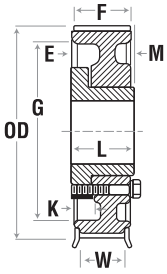
High Torque Sprockets
20mm

Type A



Type AF

Type C



Type CF

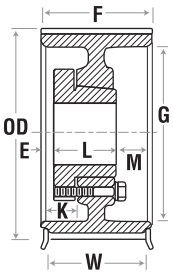
No. of Teeth	Catalog Number	Bore	Pitch	Diameter		Type +	Max Bore	Dimensions								Weight Approx. (lbs.)
				O.D.	Flange			E	L	M	K	H	F	G	W	
QD 115mm (4.53 in.) Wide Belts (20M-115)																
34	P3420M115-F	F	8.522	8.352	9.449	AF-1	4.00	0.44	3.63	1.31	1.44	—	5.38	6.88	5.0	32.0
36	P3620M115-F	F	9.023	8.853	9.843	AF-1	4.00	0.44	3.63	1.31	1.44	—	5.38	7.00	5.0	40.0
38	P3820M115-F	F	9.524	9.354	10.433	AF-1	4.00	0.44	3.63	1.31	1.44	—	5.38	7.56	5.0	45.0
40	P4020M115-F	F	10.026	9.856	10.827	AF-1	4.00	0.44	3.63	1.31	1.44	—	5.38	8.00	5.0	51.0
44	P4420M115-F	F	11.028	10.858	11.811	AF-1	4.00	0.44	3.63	1.31	1.44	—	5.38	8.93	5.0	63.0
48	P4820M115-J	J	12.031	11.861	12.795	AF-1	4.50	—	4.50	0.88	1.18	—	5.38	9.93	5.0	84.0
52	P5220M115-J	J	13.033	12.863	13.764	AF-2	4.50	—	4.50	0.88	1.18	—	5.38	10.88	5.0	80.0
56	P5620M115-J	J	14.036	13.866	14.764	AF-2	4.50	—	4.50	0.88	1.18	—	5.38	11.88	5.0	87.0
60	P6020M115-J	J	15.038	14.868	15.927	AF-2	4.50	—	4.50	0.88	1.18	—	5.38	13.06	5.0	94.0
64	P6420M115-J	J	16.041	15.871	16.929	AF-2	4.50	—	4.50	0.88	1.18	—	5.38	14.06	5.0	104.0
68	P6820M115-J	J	17.044	16.874	17.927	AF-2	4.50	—	4.50	0.88	1.18	—	5.38	15.00	5.0	110.0
72	P7220M115-J	J	18.046	17.876	18.898	AF-2	4.50	—	4.50	0.88	1.18	—	5.38	16.00	5.0	119.0
80	P8020M115-M	M	20.051	19.881	20.866	CF-2	5.50	1.25	6.75	0.12	0.18	—	5.38	18.00	5.0	182.0
90	P9020M115-M	M	22.558	22.388	23.425	CF-2	5.50	1.25	6.75	0.12	0.18	—	5.38	20.56	5.0	212.0
112	P11220M115-M	M	28.072	27.902	—	C-3	5.50	1.25	6.75	0.12	0.18	—	5.38	26.38	—	239.0
144	P14420M115-N	N	36.092	35.922	—	C-3	5.87	1.75	8.12	1.00	—	—	5.38	34.38	—	341.0
168	P16820M115-N	N	42.108	41.938	—	C-3	5.87	1.75	8.12	1.00	—	—	5.38	40.38	—	417.0
192	P19220M115-N	N	48.123	47.953	—	C-3	5.87	1.75	8.12	1.00	—	—	5.38	46.25	—	500.0
216	P21620M115-N	N	54.138	53.968	—	C-3	5.77	1.75	8.12	1.00	—	—	5.38	52.25	—	566.0

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

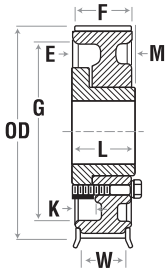
High Torque Sprockets 20mm

Type A



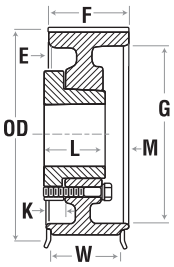
Type AF

Type C



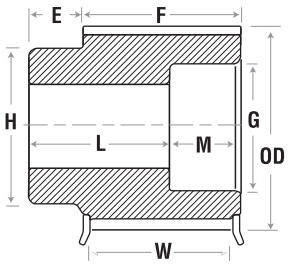
Type CF

Type D



Type DF

Type D (MPB Only)



Type DF (MPB Only)

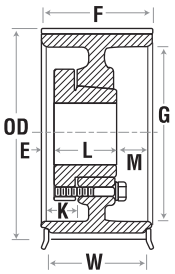
No. of Teeth	Catalog Number	Bore	Pitch	Diameter O.D.	Diameter Flange	Type +	Max Bore	Dimensions E	L	M	K	H	F	G	W	Weight Approx. (lbs.)
QD 170mm (6.69 in.) Wide Belts (20M-170)																
34	P3420M170-MPB	2.125	8.522	8.352	9.449	DF-1	4.38	1.25	6.50	2.25	—	6.50	7.50	6.50	7.12	82.0
36	P3620M170-MPB	2.125	9.023	8.853	9.843	DF-1	4.50	1.25	6.50	2.25	—	7.00	7.50	7.00	7.12	93.0
MPB 170mm (6.69 in.) Wide Belts (20M-170)																
38	P3820M170-J	J	9.524	9.354	10.433	AF-1	4.50	1.00	4.50	2.00	2.18	—	7.50	7.56	7.12	56.0
40	P4020M170-J	J	10.026	9.856	10.827	AF-1	4.50	1.00	4.50	2.00	2.18	—	7.50	8.00	7.12	64.0
44	P4420M170-J	J	11.028	10.858	11.811	AF-1	4.50	1.00	4.50	2.00	2.18	—	7.50	8.93	7.12	81.0
48	P4820M170-M	M	12.031	11.861	12.795	AF-1	5.50	0.06	6.75	0.68	1.50	—	7.50	9.93	7.12	113.0
52	P5220M170-M	M	13.033	12.863	13.764	AF-1	5.50	0.06	6.75	0.68	1.50	—	7.50	10.88	7.12	141.0
56	P5620M170-M	M	14.036	13.866	14.764	AF-1	5.50	0.06	6.75	0.68	1.50	—	7.50	11.88	7.12	170.0
60	P6020M170-M	M	15.038	14.868	15.927	AF-1	5.50	0.06	6.75	0.68	1.50	—	7.50	13.06	7.12	199.0
64	P6420M170-M	M	16.041	15.871	16.929	AF-2	5.50	0.06	6.75	0.68	1.50	—	7.50	14.06	7.12	175.0
68	P6820M170-M	M	17.044	16.874	17.927	AF-2	5.50	0.06	6.75	0.68	1.50	—	7.50	15.00	7.12	187.0
72	P7220M170-M	M	18.046	17.876	18.898	AF-2	5.50	0.06	6.75	0.68	1.50	—	7.50	16.00	7.12	196.0
80	P8020M170-M	M	20.051	19.881	20.866	AF-2	5.50	0.06	6.75	0.68	1.50	—	7.50	18.00	7.12	214.0
90	P9020M170-M	M	22.558	22.388	23.425	AF-2	5.50	0.06	6.75	0.68	1.50	—	7.50	20.56	7.12	250.0
112	P11220M170-N	N	28.072	27.902	—	C-3	5.87	0.50	8.12	0.12	1.25	—	7.50	26.25	7.12	309.0
144	P14420M170-N	N	36.092	35.922	—	C-3	5.87	0.50	8.12	0.12	1.25	—	7.50	34.25	—	426.0
168	P16820M170-P	P	42.108	41.938	—	C-3	7.00	0.90	9.38	0.94	1.06	—	7.50	40.25	—	571.0
192	P19220M170-P	P	48.123	47.953	—	C-3	7.00	0.94	9.38	0.94	1.06	—	7.50	46.25	—	652.0
216	P21620M170-P	P	54.138	53.968	—	C-3	7.00	0.94	9.38	0.94	1.06	—	7.50	52.12	—	813.0

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

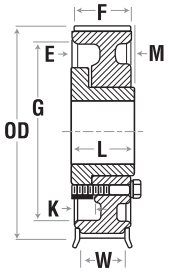
High Torque Sprockets
20mm

Type A



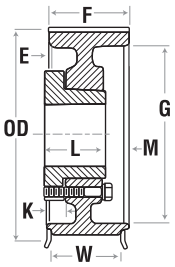
Type AF

Type C



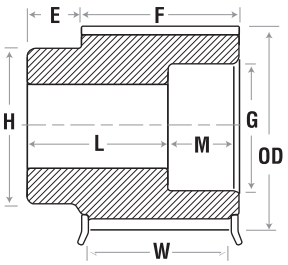
Type CF

Type D



Type DF

Type D
(MPB Only)



Type DF
(MPB Only)

No. of Teeth	Catalog Number	Bore	Pitch	Diameter		Type +	Max Bore	Dimensions								Weight Approx. (lbs.)
				O.D.	Flange			E	L	M	K	H	F	G	W	
MPB 230mm (9.06 in.) Wide Belts (20M-230)																
38	P3820M230-MPB	2.875	9.524	9.354	10.433	DF-1	4.75	1.25	7.50	3.63	—	7.50	9.88	7.56	9.50	120.0
40	P4020M230-MPB	2.875	10.026	9.856	10.827	DF-1	5.25	1.25	8.50	2.63	—	8.00	9.88	8.00	9.50	147.0
44	P4420M230-MPB	2.875	11.028	10.858	11.811	DF-1	5.25	1.25	8.50	2.63	—	8.25	9.88	8.93	9.50	180.0
QD 230mm (9.06 in.) Wide Belts (20M-230)																
48	P4820M230-M	M	12.031	11.861	12.795	AF-1	5.50	0.56	6.75	2.56	2.00	—	9.88	9.93	9.50	129.0
52	P5220M230-M	M	13.033	12.863	13.764	AF-1	5.50	0.56	6.75	2.56	2.00	—	9.88	10.88	9.50	158.0
56	P5620M230-M	M	14.036	13.866	14.764	AF-1	5.50	0.56	6.75	2.56	2.00	—	9.88	11.88	9.50	189.0
60	P6020M230-M	M	15.038	14.868	15.927	AF-1	5.50	0.56	6.75	2.56	2.00	—	9.88	13.06	9.50	217.0
64	P6420M230-M	M	16.041	15.871	16.929	AF-2	5.50	0.56	6.75	2.56	2.00	—	9.88	14.06	9.50	198.0
68	P6820M230-N	N	17.044	16.874	17.927	AF-1	5.87	0.06	8.12	1.69	1.81	—	9.88	15.00	9.50	324.0
72	P7220M230-N	N	18.046	17.876	18.898	AF-2	5.87	0.06	8.12	1.69	1.81	—	9.88	16.00	9.50	287.0
80	P8020M230-N	N	20.051	19.881	20.866	AF-2	5.87	0.06	8.12	1.69	1.81	—	9.88	18.00	9.50	280.0
90	P9020M230-N	N	22.558	22.388	23.425	AF-2	5.87	0.06	8.12	1.69	1.81	—	9.88	20.56	9.50	319.0
112	P11220M230-N	N	28.072	27.902	—	A-3	5.87	0.06	8.12	1.69	1.81	—	9.88	26.25	—	357.0
144	P14420M230-P	P	36.092	35.922	—	D-3	7.00	0.69	9.38	1.19	1.31	—	9.88	34.25	—	535.0
168	P16820M230-P	P	42.108	41.938	—	D-3	7.00	0.69	9.38	1.19	1.31	—	9.88	40.25	—	654.0
192	P19220M230-W	W	48.123	47.953	—	C-3	8.50	0.75	11.38	0.75	1.50	—	9.88	46.00	—	935.0
216	P21620M230-W	W	54.138	53.968	—	C-3	8.50	0.75	11.38	0.75	1.50	—	9.88	52.00	—	1062.0

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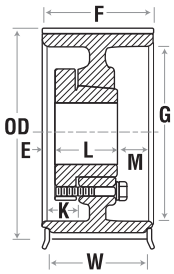
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

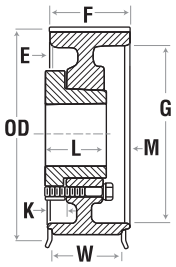
High Torque Sprockets 20mm

Type A



Type AF

Type D



Type DF

No. of Teeth	Catalog Number	Bore	Pitch	Diameter		Type +	Max Bore	Dimensions								Weight Approx. (lbs.)
				O.D.	Flange			E	L	M	K	H	F	G	W	
QD 290mm (11.42 in.) Wide Belts (20M-290)																
52	P5220M290-N	N	13.033	12.863	13.764	AF-1	5.87	0.75	8.12	2.38	2.50	—	12.25	10.88	11.88	187.0
56	P5620M290-N	N	14.036	13.866	14.764	AF-1	5.87	0.75	8.12	2.38	2.50	—	12.25	11.88	11.88	223.0
60	P6020M290-N	N	15.038	14.868	15.927	AF-1	5.87	0.75	8.12	2.38	2.50	—	12.25	13.06	11.88	257.0
64	P6420M290-N	N	16.041	15.871	16.929	AF-1	5.87	0.75	8.12	2.38	2.50	—	12.25	14.06	11.88	299.0
68	P6820M290-N	N	17.044	16.874	17.927	AF-1	5.87	0.75	8.12	2.38	2.50	—	12.25	15.00	11.88	346.0
72	P7220M290-N	N	18.046	17.876	18.898	AF-2	5.87	0.75	8.12	2.38	2.50	—	12.25	16.00	11.88	311.0
80	P8020M290-N	N	20.051	19.881	20.866	AF-2	5.87	0.75	8.12	2.38	2.50	—	12.25	18.00	11.88	314.0
90	P9020M290-N	N	22.558	22.388	23.425	AF-2	5.87	0.75	8.12	2.38	2.50	—	12.25	20.56	11.88	359.0
112	P11220M290-P	P	28.072	27.902	—	A-2	7.00	0.50	9.38	2.38	2.50	—	12.25	26.12	—	513.0
144	P14420M290-P	P	36.092	35.922	—	A-3	7.00	0.50	9.38	2.38	2.50	—	12.25	34.00	—	637.0
168	P16820M290-W	W	42.108	41.938	—	A-3	8.50	0.44	11.38	0.44	2.68	—	12.25	40.00	—	891.0
192	P19220M290-W	W	48.123	47.953	—	A-3	8.50	0.44	11.38	0.44	2.68	—	12.25	46.00	—	1061.0
216	P21620M290-W	W	54.138	53.968	—	A-3	8.50	0.44	11.38	0.44	2.68	—	12.25	52.00	—	1239.0
QD 340 mm (13.39 in.) Wide Belts (20M-340)																
52	P5220M340-N	N	13.033	12.863	13.764	AF-1	5.87	0.75	8.12	5.38	2.50	—	14.25	10.88	13.88	201.0
56	P5620M340-N	N	14.036	13.866	14.764	AF-1	5.87	0.75	8.12	5.38	2.50	—	14.25	11.88	13.88	239.0
60	P6020M340-N	N	15.038	14.868	15.927	AF-1	5.87	0.75	8.12	5.38	2.50	—	14.25	13.06	13.88	273.0
64	P6420M340-N	N	16.041	15.871	16.929	AF-1	5.87	0.75	8.12	5.38	2.50	—	14.25	14.06	13.88	316.0
68	P6820M340-N	N	17.044	16.874	17.927	AF-1	5.87	0.75	8.12	5.38	2.50	—	14.25	15.00	13.88	364.0
72	P7220M340-N	N	18.046	17.876	18.898	AF-2	5.87	0.75	8.12	5.38	2.50	—	14.25	16.00	13.88	330.0
80	P8020M340-P	P	20.051	19.881	20.866	AF-2	7.00	1.50	9.38	3.38	3.50	—	14.25	18.00	13.88	406.0
90	P9020M340-P	P	22.558	22.388	23.425	AF-2	7.00	1.50	9.38	3.38	3.50	—	14.25	20.56	13.88	426.0
112	P11220M340-P	P	28.072	27.902	—	A-2	7.00	1.50	9.38	3.38	3.50	—	14.25	26.12	—	543.0
144	P14420M340-W	W	36.092	35.922	—	A-3	8.50	0.38	11.38	2.50	2.63	—	14.25	34.00	—	814.0
168	P16820M340-W	W	42.108	41.938	—	A-3	8.50	0.38	11.38	2.50	2.63	—	14.25	40.00	—	947.0
192	P19220M340-S	S	48.123	47.953	—	D-3	10.00	2.50	15.75	1.00	1.12	—	14.25	46.00	—	1368.0
216	P21620M340-S	S	54.138	53.968	—	D-3	10.00	2.50	15.75	1.00	1.12	—	14.25	51.88	—	1555.0

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• Reverse Mount Only

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HTS® 5mm Sprocket Diameters

No. of Teeth	Diameters mm in PD	Diameters mm in OD	No. of Teeth	Diameters mm in PD	Diameters mm in OD	No. of Teeth	Diameters mm in PD	Diameters mm in OD	No. of Teeth	Diameters mm in PD	Diameters mm in OD	No. of Teeth	Diameters mm in PD	Diameters mm in OD
13	20.69	19.55	43	68.44	67.30	73	116.18	115.04	103	163.93	162.79	133	211.68	210.54
	0.815	0.770		2.694	2.649		4.574	4.529		6.454	6.409		8.334	8.289
14	22.28	21.14	44	70.03	68.89	74	117.77	116.63	104	165.52	164.38	134	213.27	212.13
	0.877	0.832		2.757	2.712		4.637	4.592		6.517	6.472		8.396	8.351
15	23.87	22.73	45	71.62	70.48	75	119.37	118.23	105	167.11	165.97	135	214.86	213.72
	0.940	0.895		2.820	2.775		4.699	4.654		6.579	6.534		8.459	8.414
16	25.46	24.32	46	73.21	72.07	76	120.96	119.82	106	168.70	167.56	136	216.45	215.31
	1.003	0.958		2.882	2.837		4.762	4.717		6.642	6.597		8.522	8.477
17	27.06	25.92	47	74.80	73.66	77	122.55	121.41	107	170.3	169.16	137	218.04	216.90
	1.065	1.020		2.945	2.900		4.825	4.780		6.705	6.660		8.584	8.539
18	28.65	27.51	48	76.39	75.25	78	124.14	123.00	108	171.89	170.75	138	219.63	218.49
	1.128	1.083		3.008	2.963		4.887	4.842		6.767	6.722		8.647	8.602
19	30.24	29.10	49	77.99	76.85	79	125.73	124.59	109	173.48	172.34	139	221.23	220.09
	1.191	1.146		3.070	3.025		4.950	4.905		6.830	6.785		8.710	8.665
20	31.83	30.69	50	79.58	78.94	80	127.32	126.18	110	175.07	173.93	140	222.82	221.68
	1.253	1.208		3.133	3.088		5.013	4.968		6.893	6.848		8.772	8.727
21	33.42	32.28	51	81.17	80.03	81	128.92	127.78	111	176.66	175.52	141	224.41	223.27
	1.316	1.271		3.196	3.151		5.075	5.030		6.955	6.910		8.835	8.790
22	35.01	33.87	52	82.76	81.62	82	130.51	129.37	112	178.25	177.11	142	226.00	224.86
	1.379	1.334		3.258	3.213		5.138	5.093		7.018	6.973		8.898	8.853
23	36.61	35.47	53	84.35	83.21	83	132.10	130.96	113	179.85	178.71	143	227.59	226.45
	1.441	1.396		3.321	3.276		5.201	5.156		7.081	7.036		8.960	8.915
24	38.20	37.06	54	85.94	84.80	84	133.69	132.55	114	181.44	180.30	144	229.18	228.04
	1.504	1.459		3.384	3.339		5.263	5.218		7.143	7.098		9.023	8.978
25	39.79	38.65	55	87.54	86.40	85	135.28	134.14	115	183.03	181.89	145	230.77	229.63
	1.566	1.521		3.446	3.401		5.326	5.281		7.206	7.161		9.086	9.041
26	41.38	40.24	56	89.13	87.99	86	136.87	135.73	116	184.62	183.48	146	232.37	231.23
	1.629	1.584		3.509	3.464		5.389	5.344		7.268	7.223		9.148	9.103
27	42.97	41.83	57	90.72	89.58	87	138.46	137.32	117	186.21	185.07	147	233.96	232.82
	1.692	1.647		3.572	3.527		5.451	5.406		7.331	7.286		9.211	9.166
28	44.56	43.42	58	92.31	91.17	88	140.06	138.92	118	187.80	186.66	148	235.55	234.41
	1.754	1.709		3.634	3.589		5.514	5.469		7.394	7.349		9.274	9.229
29	46.15	45.01	59	93.90	92.76	89	141.65	140.51	119	189.39	188.25	149	237.14	236.00
	1.817	1.772		3.697	3.652		5.577	5.532		7.456	7.411		9.336	9.291
30	47.75	46.61	60	95.49	94.35	90	143.24	142.10	120	190.99	189.85	150	238.73	237.59
	1.880	1.835		3.760	3.715		5.639	5.594		7.519	7.474		9.399	9.354
31	49.34	48.20	61	97.08	95.94	91	144.83	143.69	121	192.58	191.44	151	240.32	239.18
	1.942	1.897		3.822	3.777		5.702	5.657		7.582	7.537		9.462	9.417
32	50.93	49.79	62	98.68	97.54	92	146.42	145.28	122	194.17	193.03	152	241.92	240.78
	2.005	1.960		3.885	3.840		5.765	5.720		7.644	7.599		9.524	9.479
33	52.52	51.38	63	100.27	99.13	93	148.01	146.87	123	195.76	194.62	153	243.51	242.37
	2.068	2.023		3.948	3.903		5.827	5.782		7.707	7.662		9.587	9.542
34	54.11	52.97	64	101.86	100.72	94	149.61	148.47	124	197.35	196.21	154	245.10	243.96
	2.130	2.085		4.010	3.965		5.890	5.845		7.770	7.725		9.650	9.605
35	55.70	54.56	65	103.45	102.31	95	151.20	150.06	125	198.94	197.80	155	246.69	245.55
	2.193	2.148		4.073	4.028		5.953	5.908		7.832	7.787		9.712	9.667
36	57.30	56.16	66	105.04	103.90	96	152.79	151.65	126	200.54	199.40	156	248.28	247.14
	2.256	2.211		4.136	4.091		6.015	5.970		7.895	7.850		9.775	9.730
37	58.89	57.75	67	106.63	105.49	97	154.38	153.24	127	202.13	200.99	157	249.87	248.73
	2.318	2.273		4.198	4.153		6.078	6.033		7.958	7.913		9.838	9.793
38	60.48	59.34	68	108.23	107.09	98	155.97	154.83	128	203.72	202.58	158	251.46	250.32
	2.381	2.336		4.261	4.216		6.141	6.096		8.020	7.975		9.900	9.855
39	62.07	60.93	69	109.82	108.68	99	157.56	156.42	129	205.31	204.17	159	253.06	251.92
	2.444	2.399		4.324	4.279		6.203	6.158		8.083	8.038		9.963	9.918
40	63.66	62.52	70	111.41	110.27	100	159.15	158.01	130	206.90	205.76	160	254.65	253.51
	2.506	2.461		4.386	4.341		6.266	6.221		8.146	8.101		10.026	9.981
41	62.25	64.11	71	113.00	111.86	101	160.75	159.61	131	208.49	207.35			
	2.569	2.524		4.449	4.404		6.329	6.284		8.208	8.163			
42	66.85	65.71	72	114.59	113.45	102	162.34	161.20	132	210.08	208.94			
	2.632	2.587		4.511	4.466		6.391	6.346		8.271	8.226			

HTS® 8mm Sprocket Diameters

No. of Teeth	Diameters mm in PD	Diameters mm in OD	No. of Teeth	Diameters mm in PD	Diameters mm in OD	No. of Teeth	Diameters mm in PD	Diameters mm in OD	No. of Teeth	Diameters mm in PD	Diameters mm in OD	No. of Teeth	Diameters mm in PD	Diameters mm in OD
22	56.02 2.206	54.66 2.152	57	145.15 5.715	143.78 5.660	92	234.28 9.223	232.90 9.169	127	323.41 12.733	322.03 12.678	162	412.53 16.241	411.16 16.187
23	58.57 2.306	57.20 2.252	58	147.70 5.815	146.32 5.761	93	236.82 9.324	235.45 9.270	128	325.95 12.833	324.58 12.779	163	415.08 16.342	413.70 16.288
24	61.12 2.406	59.74 2.352	59	150.24 5.915	148.87 5.861	94	239.37 9.424	238.00 9.370	129	328.50 12.933	327.12 12.879	164	417.62 16.442	416.25 16.388
25	63.66 2.506	62.28 2.452	60	152.79 6.015	151.42 5.961	95	241.92 9.524	240.54 9.470	130	331.04 13.033	329.67 12.979	165	420.17 16.542	418.8 16.488
26	66.21 2.607	64.85 2.553	61	155.34 6.116	153.96 6.062	96	244.46 9.624	243.09 9.570	131	333.59 13.133	332.22 13.079	166	422.72 16.642	421.34 16.588
27	68.75 2.707	67.39 2.653	62	157.88 6.216	156.51 6.162	97	247.01 9.725	245.64 9.671	132	336.14 13.234	334.76 13.180	167	425.26 16.743	423.89 16.689
28	71.30 2.807	70.08 2.759	63	160.43 6.316	159.06 6.262	98	249.55 9.825	248.18 9.771	133	338.68 13.334	337.31 13.280	168	427.81 16.843	426.44 16.789
29	73.85 2.907	72.62 2.859	64	162.97 6.416	161.60 6.362	99	252.10 9.925	250.73 9.871	134	341.23 13.434	339.86 13.380	169	430.35 16.943	428.98 16.889
30	76.39 3.008	75.13 2.958	65	165.52 6.517	164.15 6.463	100	254.65 10.025	253.28 9.971	135	343.77 13.534	342.40 13.480	170	432.90 17.043	431.53 16.989
31	78.94 3.108	77.65 3.057	66	168.07 6.617	166.70 6.563	101	257.19 10.126	255.82 10.072	136	346.32 13.635	344.95 13.581	171	435.45 17.144	434.08 17.090
32	81.49 3.208	80.16 3.156	67	170.61 6.717	169.24 6.663	102	259.74 10.226	258.37 10.172	137	348.87 13.735	347.50 13.681	172	437.99 17.244	436.62 17.190
33	84.03 3.308	82.68 3.255	68	173.16 6.817	171.79 6.763	103	262.29 10.326	260.92 10.272	138	351.41 13.835	350.04 13.781	173	440.54 17.344	439.17 17.290
34	86.58 3.409	85.22 3.355	69	175.71 6.918	174.34 6.864	104	264.83 10.427	263.46 10.372	139	353.96 13.935	352.59 13.881	174	443.09 17.444	441.72 17.390
35	89.13 3.509	87.76 3.455	70	178.25 7.018	176.88 6.964	105	267.38 10.527	266.01 10.473	140	356.51 14.036	355.14 13.982	175	445.63 17.544	444.26 17.491
36	91.67 3.609	90.30 3.555	71	180.80 7.118	179.43 7.064	106	269.93 10.628	268.56 10.573	141	359.05 14.136	357.68 14.082	176	448.18 17.645	446.81 17.591
37	94.22 3.709	92.85 3.655	72	183.35 7.218	181.97 7.164	107	272.47 10.728	271.10 10.673	142	361.60 14.236	360.23 14.182	177	450.73 17.745	449.36 17.691
38	96.77 3.810	95.39 3.756	73	185.89 7.319	184.52 7.265	108	275.02 10.828	273.65 10.771	143	364.15 14.336	362.77 14.282	178	453.27 17.845	451.90 17.791
39	99.31 3.910	97.94 3.856	74	188.44 7.419	187.07 7.365	109	277.57 10.928	276.19 10.874	144	366.69 14.437	365.32 14.383	179	455.82 17.946	454.45 17.892
40	101.86 4.010	100.49 3.956	75	190.99 7.519	189.61 7.465	110	280.11 11.028	278.74 10.974	145	369.24 14.537	367.87 14.483	180	458.37 18.046	456.99 17.992
41	104.41 4.110	103.03 4.056	76	193.53 7.619	192.16 7.565	111	282.66 11.128	281.29 11.074	146	371.79 14.637	370.41 14.583	181	460.91 18.146	459.54 18.092
42	106.95 4.211	105.58 4.157	77	196.08 7.720	194.71 7.666	112	285.21 11.229	283.83 11.175	147	374.33 14.737	372.96 14.683	182	463.46 18.246	462.09 18.192
43	109.50 4.311	108.13 4.257	78	198.63 7.820	197.25 7.766	113	287.75 11.329	286.38 11.275	148	376.88 14.838	375.51 14.784	183	466.01 18.347	464.63 18.293
44	112.05 4.411	110.67 4.357	79	201.17 7.920	199.81 7.866	114	290.30 11.429	288.93 11.375	149	379.43 14.938	378.05 14.884	184	468.55 18.447	467.18 18.393
45	114.59 4.511	113.22 4.457	80	203.72 8.020	202.35 7.966	115	292.85 11.529	291.47 11.475	150	381.96 15.038	380.60 14.984	185	471.10 18.547	469.73 18.493
46	117.14 4.612	115.77 4.558	81	206.26 8.121	204.89 8.067	116	295.39 11.630	294.02 11.576	151	384.52 15.138	353.15 15.084	186	473.65 18.647	472.27 18.593
47	119.68 4.712	118.31 4.658	82	208.81 8.221	207.44 8.167	117	297.94 11.730	296.57 11.676	152	387.06 15.239	385.70 15.185	187	476.19 18.748	474.82 18.694
48	122.23 4.812	120.86 4.758	83	211.36 8.321	209.99 8.267	118	300.48 11.830	299.11 11.776	153	389.61 15.339	388.24 15.285	188	478.74 18.848	477.37 18.794
49	124.78 4.912	123.41 4.858	84	213.90 8.421	212.53 8.367	119	303.03 11.930	301.66 11.876	154	392.16 15.439	390.79 15.385	189	481.28 18.948	479.91 18.894
50	127.32 5.013	125.95 4.959	85	216.45 8.522	215.08 8.468	120	305.58 12.031	304.21 11.977	155	394.70 15.540	393.33 15.486	190	483.83 19.048	482.46 18.994
51	129.87 5.113	128.50 5.059	86	219.00 8.622	217.63 8.568	121	308.12 12.131	306.75 12.077	156	397.25 15.640	395.88 15.586	191	486.38 19.149	485.01 19.095
52	132.42 5.213	131.05 5.159	87	221.54 8.722	220.17 8.668	122	310.67 12.231	309.30 12.177	157	399.80 15.740	398.43 15.686	192	488.92 19.249	487.55 19.195
53	134.96 5.314	133.59 5.259	88	224.09 8.822	222.72 8.768	123	313.22 12.331	311.85 12.227	158	402.34 15.840	400.97 15.786			
54	137.51 5.414	136.14 5.360	89	226.64 8.923	225.27 8.869	124	315.76 12.432	314.39 12.378	159	404.89 15.941	403.52 15.887			
55	140.06 5.514	138.68 5.460	90	229.18 9.023	227.81 8.969	125	318.31 12.532	316.94 12.478	160	407.44 16.041	406.07 15.987			
56	142.60 5.614	141.23 5.560	91	231.73 9.123	230.36 9.069	126	320.86 12.632	319.48 12.578	161	409.98 16.141	408.61 16.087			

HTS® 14mm Sprocket Diameters

No. of Teeth	Diameters mm in PD	OD	No. of Teeth	Diameters mm in PD	OD	No. of Teeth	Diameters mm in PD	OD	No. of Teeth	Diameters mm in PD	OD	No. of Teeth	Diameters mm in PD	OD
28	124.78 4.912	122.12 4.808	66	294.12 11.579	291.32 11.469	104	463.46 18.246	460.66 18.136	142	632.80 24.913	630.01 24.803	180	802.14 31.580	799.35 31.47
29	129.23 5.088	126.57 4.983	67	298.57 11.755	295.78 11.645	105	467.92 18.422	465.12 18.312	143	637.26 25.089	634.46 24.979	181	806.60 31.756	803.80 31.646
30	133.69 5.263	130.99 5.157	68	303.03 11.930	300.24 11.820	106	472.37 18.597	469.58 18.487	144	641.71 25.264	638.92 25.154	182	811.05 31.931	808.26 31.821
31	138.15 5.439	135.46 5.333	69	307.49 12.106	304.69 11.996	107	476.83 18.773	474.03 18.663	145	646.17 25.440	643.37 25.330	183	815.51 32.107	812.72 31.997
32	142.60 5.614	139.88 5.507	70	311.94 12.281	309.15 12.171	108	481.28 18.948	478.49 18.838	146	650.63 25.615	647.83 25.505	184	819.97 32.252	817.17 32.172
33	147.06 5.790	144.35 5.683	71	316.40 12.457	313.61 12.347	109	485.74 19.124	482.95 19.014	147	655.08 25.791	652.29 25.681	185	824.42 32.458	821.63 32.348
34	151.52 5.965	148.79 5.858	72	320.86 12.632	318.06 12.522	110	490.20 19.299	487.40 19.189	148	659.54 25.966	656.74 25.856	186	828.88 32.633	826.08 32.523
35	155.98 6.141	153.24 6.033	73	325.31 12.808	322.52 12.698	111	494.65 19.475	491.86 19.365	149	663.99 26.141	661.20 26.031	187	833.33 32.808	830.54 32.698
36	160.43 6.316	157.68 6.208	74	329.77 12.983	326.97 12.873	112	499.11 19.650	496.32 19.540	150	668.45 26.317	665.66 26.207	188	837.79 32.954	835.00 32.874
37	164.88 6.491	162.13 6.383	75	334.22 13.158	331.43 13.048	113	503.57 19.825	500.77 19.715	151	672.91 26.492	670.11 26.382	189	842.25 33.159	839.45 33.049
38	169.34 6.667	166.60 6.559	76	338.68 13.334	335.89 13.224	114	508.20 20.001	505.23 19.891	152	677.36 26.668	674.57 26.558	190	846.70 33.335	843.91 33.225
39	173.80 6.842	171.02 6.733	77	343.14 13.509	340.34 13.399	115	512.48 20.176	509.68 20.056	153	681.82 26.843	679.03 26.733	191	851.16 33.510	848.37 33.400
40	178.25 7.018	175.49 6.909	78	347.59 13.685	344.80 13.575	116	516.93 20.352	514.14 20.242	154	690.73 27.194	687.94 27.084	192	855.62 33.686	852.82 33.576
41	182.71 7.193	179.92 7.083	79	352.05 13.860	349.26 13.750	117	521.39 20.527	518.60 20.417	155	690.73 27.194	687.94 27.084	193	860.07 33.861	857.28 33.751
42	187.17 7.369	184.37 7.259	80	356.51 14.036	353.71 13.926	118	525.85 20.703	523.05 20.593	156	695.19 27.370	692.39 27.260	194	864.53 34.037	861.75 33.927
43	191.62 7.544	188.83 7.434	81	360.96 14.211	358.17 14.101	119	530.30 20.878	527.51 20.768	157	699.64 27.545	696.85 27.435	195	868.98 34.212	866.44 34.112
44	196.08 7.720	193.28 7.610	82	365.42 14.387	362.63 14.277	120	534.76 21.054	531.97 20.944	158	704.10 27.720	701.31 27.610	196	873.44 34.387	870.64 34.277
45	200.53 7.895	197.74 7.785	83	369.88 14.562	367.08 14.452	121	539.22 21.229	536.42 21.119	159	708.56 27.896	705.76 27.786	197	877.90 34.553	875.11 34.453
46	204.99 8.071	202.20 7.961	84	374.33 14.737	371.54 14.627	122	543.67 21.404	540.88 21.294	160	713.01 28.071	710.22 27.961	198	882.35 34.738	879.55 34.628
47	209.45 8.246	206.65 8.136	85	378.79 14.913	375.99 14.803	123	548.13 21.580	545.34 21.470	161	717.47 28.247	714.68 28.137	199	886.81 34.914	884.02 34.804
48	213.90 8.421	211.11 8.311	86	383.24 15.068	380.45 14.978	124	552.59 21.755	549.79 21.645	162	721.93 28.422	719.13 28.312	200	891.27 35.089	888.47 34.979
49	218.36 8.597	215.57 8.487	87	387.70 15.264	384.91 15.154	125	557.04 21.931	554.25 21.821	163	726.38 28.598	723.59 28.488	201	895.72 35.265	892.94 35.155
50	222.82 8.772	220.02 8.662	88	392.16 15.439	389.36 15.329	126	561.50 22.106	558.70 21.996	164	730.84 28.773	728.05 28.663	202	900.18 35.440	897.38 35.330
51	227.27 8.948	224.48 8.838	89	396.61 15.615	393.82 15.505	127	565.95 22.282	563.16 22.172	165	735.30 28.949	782.50 28.839	203	906.64 35.616	901.85 35.506
52	231.73 9.123	228.94 9.013	90	401.07 15.790	398.28 15.680	128	570.41 22.457	567.62 22.347	166	739.75 29.124	736.96 29.014	204	909.09 35.791	906.30 35.681
53	236.19 9.229	233.39 9.189	91	405.53 15.966	402.73 15.856	129	574.87 22.633	572.07 22.523	167	744.21 29.299	741.41 29.189	205	913.55 35.966	910.74 35.856
54	240.64 9.474	237.85 9.354	92	409.98 16.141	407.19 16.031	130	579.32 22.808	576.53 22.689	168	748.66 29.475	745.87 29.365	206	918.00 36.142	915.21 36.032
55	245.10 9.650	242.30 9.540	93	414.44 16.316	411.64 16.206	131	583.78 22.983	580.99 22.873	169	753.12 29.650	750.33 29.540	207	922.46 36.317	919.66 36.207
56	249.55 9.825	246.76 9.715	94	418.90 16.492	416.10 16.382	132	588.24 23.159	585.44 23.049	170	757.58 29.826	754.78 29.716	208	926.92 36.493	924.13 36.383
57	254.01 10.000	251.22 9.890	95	423.35 16.667	420.56 16.557	133	592.69 23.334	589.90 23.224	171	762.03 30.001	759.24 29.891	209	931.97 36.668	928.57 36.558
58	258.47 10.176	255.67 10.066	96	427.81 16.843	425.01 16.733	134	597.15 23.510	594.35 23.400	172	766.49 30.177	763.70 30.067	210	935.83 36.844	933.04 36.734
59	262.92 10.351	260.13 10.241	97	432.26 17.018	429.47 16.908	135	601.61 23.685	598.81 23.575	173	770.95 30.352	768.15 3.242	211	940.29 37.019	937.49 36.909
60	267.38 10.527	264.59 10.417	98	436.72 17.194	433.93 17.084	136	606.06 23.861	603.27 23.751	174	775.40 30.528	772.61 30.418	212	944.74 37.195	941.96 37.085
61	271.84 10.702	269.04 10.592	99	441.18 17.369	438.38 17.259	137	610.52 24.036	607.72 23.926	175	779.86 30.703	777.06 30.593	213	949.20 37.370	946.40 37.260
62	276.29 10.878	273.50 10.768	100	445.63 17.545	442.84 17.435	138	614.97 24.212	612.18 24.102	176	784.32 30.878	781.52 30.768	214	953.65 37.545	950.85 37.435
63	280.75 11.053	277.95 10.943	101	450.09 17.720	447.30 17.610	139	619.43 24.387	616.64 24.277	177	788.77 31.054	785.98 30.944	215	958.11 37.721	955.32 37.611
64	285.21 11.229	282.41 11.119	102	454.55 17.895	451.75 17.785	140	623.89 24.562	621.09 24.452	178	793.23 31.228	790.43 31.119	216	962.57 37.896	959.76 37.786
65	289.66 11.404	286.87 11.294	103	459.00 18.071	456.21 17.961	141	628.34 24.738	625.55 24.628	179	797.68 31.405	794.89 31.295			

HTS® 20mm Sprocket Diameters

No. of Teeth	Diameters mm in PD	Diameters mm in OD	No. of Teeth	Diameters mm in PD	Diameters mm in OD	No. of Teeth	Diameters mm in PD	Diameters mm in OD	No. of Teeth	Diameters mm in PD	Diameters mm in OD	No. of Teeth	Diameters mm in PD	Diameters mm in OD
34	216.45 8.522	212.13 8.352	71	452.00 17.795	447.68 17.625	108	687.55 27.069	683.23 26.899	145	923.10 36.342	918.78 36.172	182	1158.65 45.616	1154.33 45.446
35	222.82 8.772	218.50 8.602	72	458.37 18.046	454.05 17.876	109	693.92 27.320	689.60 27.150	146	929.46 36.593	925.15 36.423	183	1165.01 45.867	1160.70 45.697
36	229.18 9.023	224.87 8.853	73	464.73 18.297	460.41 18.127	110	700.28 27.570	695.96 27.400	147	935.83 36.840	931.51 36.674	184	1171.38 46.117	1167.06 45.947
37	235.55 9.274	231.23 9.104	74	471.10 18.547	466.78 18.377	111	706.65 27.821	702.33 27.651	148	942.20 37.094	937.88 36.924	185	1177.75 46.368	1173.43 46.198
38	241.92 9.524	237.60 9.354	75	477.46 18.798	473.15 18.628	112	713.01 28.071	708.70 27.901	149	948.56 37.345	944.25 37.175	186	1184.11 46.619	1179.79 46.449
39	248.28 9.775	243.96 9.605	76	483.83 19.048	479.51 18.878	113	719.38 28.322	715.06 28.152	150	954.93 37.596	950.61 37.426	187	1190.48 46.859	1186.16 46.699
40	254.65 10.026	250.33 9.855	77	490.20 19.299	485.88 19.129	114	725.75 28.573	721.43 28.403	151	961.30 37.846	956.98 37.676	188	1196.85 47.120	1192.53 46.950
41	261.01 10.276	256.70 10.106	78	496.56 19.550	492.25 19.380	115	732.11 28.823	727.79 28.653	152	967.66 38.097	963.34 37.927	189	1203.21 47.371	1198.89 47.201
42	267.38 10.527	263.06 10.357	79	502.93 19.800	498.61 19.630	116	738.48 29.074	734.16 28.904	153	974.03 38.348	969.71 38.178	190	1209.58 47.621	1205.26 47.451
43	273.75 10.777	269.43 10.607	80	509.30 20.051	504.98 19.881	117	744.85 29.325	740.53 29.155	154	980.39 38.598	976.08 38.428	191	1215.94 47.672	1211.63 47.702
44	280.11 11.028	275.79 10.858	81	515.66 20.302	511.34 20.132	118	751.21 29.575	746.89 29.405	155	986.76 38.849	982.44 38.679	192	1222.31 48.122	1217.99 47.952
45	286.48 11.279	282.16 11.109	82	522.03 20.552	517.71 20.382	119	757.58 29.826	753.26 29.656	156	993.13 39.099	988.81 38.929	193	1228.68 48.373	1224.36 48.203
46	292.85 11.529	288.53 11.469	83	528.39 20.803	524.08 20.633	120	763.94 30.077	759.63 29.907	157	999.49 39.350	995.18 39.180	194	1235.04 48.624	1230.72 48.454
47	299.21 11.780	294.89 11.610	84	534.76 21.054	530.44 20.884	121	770.31 30.327	765.99 30.157	158	1005.86 39.601	1001.54 39.431	195	1241.41 48.874	1237.09 48.704
48	305.58 12.031	301.26 11.861	85	541.13 21.304	536.81 21.134	122	776.68 30.578	772.36 30.408	159	1012.23 39.851	1007.91 39.681	196	1247.77 49.125	1243.46 48.955
49	311.94 12.281	307.63 12.111	86	547.49 21.555	543.18 21.385	123	783.04 30.828	778.72 30.658	160	1018.59 40.102	1014.27 39.932	197	1254.14 49.376	1249.82 49.206
50	318.31 12.532	313.99 12.362	87	553.86 21.805	549.54 21.635	124	789.41 31.079	785.09 30.909	161	1024.96 40.353	1020.64 40.183	198	1260.51 49.626	1256.19 49.456
51	324.68 12.763	320.36 12.613	88	560.23 22.056	555.91 21.886	125	795.77 31.330	791.46 31.160	162	1031.32 40.603	1027.01 40.433	199	1266.87 49.577	1262.56 49.707
52	331.04 13.033	326.72 12.863	89	566.59 22.307	562.27 22.137	126	805.14 31.580	797.82 31.410	163	1037.69 40.854	1033.37 40.684	200	1273.24 50.128	1268.92 49.958
53	337.41 13.284	333.09 13.114	90	572.96 22.557	568.64 22.387	127	808.51 31.831	804.19 31.661	164	1044.06 41.105	1039.74 40.935	201	1279.61 50.378	1275.29 50.208
54	343.77 13.534	339.46 13.364	91	579.32 22.808	575.01 22.638	128	814.87 32.082	810.56 31.912	165	1050.42 41.355	1046.10 41.185	202	1285.97 50.629	1281.65 50.459
55	350.14 13.785	345.82 13.615	92	585.69 23.059	581.37 22.889	129	821.24 32.332	816.92 32.162	166	1056.79 41.606	1052.47 41.436	203	1292.34 50.679	1288.02 50.709
56	356.51 14.036	352.19 13.856	93	592.06 23.309	587.74 23.139	130	827.61 32.583	823.29 32.413	167	1063.16 41.856	1058.34 41.686	204	1298.70 51.130	1294.39 50.960
57	362.87 14.286	358.56 14.116	94	598.42 23.560	594.10 23.390	131	833.97 32.834	829.65 32.664	168	1069.52 42.107	1065.20 41.937	205	1305.07 51.381	1300.75 51.211
58	369.24 14.537	364.92 14.367	95	604.72 23.811	600.47 43.641	132	840.34 33.084	836.02 32.914	169	1075.89 42.358	1071.57 42.188	206	1311.44 51.631	1307.12 51.461
59	375.61 14.788	371.29 14.618	96	611.15 24.061	606.84 23.891	133	846.70 33.335	842.39 33.165	170	1082.25 42.608	1077.94 42.438	207	1317.80 51.882	1313.48 51.712
60	381.97 15.038	377.65 14.868	97	617.52 24.312	613.20 24.142	134	853.07 33.585	848.75 33.415	171	1088.62 42.859	1084.30 42.689	208	1324.17 52.133	1319.85 51.963
61	388.34 15.289	384.02 15.119	98	623.89 24.562	619.57 24.392	135	859.44 33.836	855.12 33.666	172	1094.99 43.110	1090.67 42.940	209	1330.54 52.383	1326.22 52.213
62	394.70 15.540	390.39 15.370	99	630.25 24.813	625.94 24.643	136	865.80 34.087	861.48 33.917	173	1101.35 43.350	1097.03 43.190	210	1336.90 52.634	1332.58 52.464
63	401.07 15.790	396.75 15.620	100	636.62 25.064	632.30 24.894	137	872.17 34.337	867.85 34.167	174	1107.72 43.611	1103.40 43.441	211	1343.27 52.885	1338.95 52.715
64	407.44 16.041	403.12 15.871	101	642.99 25.314	638.67 25.144	138	878.54 34.588	874.22 34.418	175	1114.08 43.862	1109.77 43.692	212	1349.63 53.135	1345.32 52.965
65	413.80 16.291	409.48 16.121	102	649.35 25.565	645.03 25.395	139	884.90 34.839	880.58 34.669	176	1120.45 44.112	1116.13 43.942	213	1356.00 53.386	1351.68 53.216
66	420.17 16.542	415.85 16.372	103	655.72 25.816	651.40 25.646	140	891.27 35.089	886.95 34.919	177	1126.82 44.363	1122.50 44.193	214	1362.37 53.635	1358.05 53.456
67	426.54 16.793	422.22 16.623	104	662.08 26.066	657.77 25.896	141	897.63 35.340	893.32 35.170	178	1133.18 44.614	1128.87 44.444	215	1368.73 53.887	1364.41 53.717
68	432.90 17.043	428.58 16.873	105	668.45 26.317	664.13 26.147	142	904.00 35.591	899.68 35.421	179	1139.55 44.854	1135.23 44.694	216	1375.10 54.136	1370.79 53.958
69	439.27 17.299	434.95 17.124	106	674.82 26.568	670.50 26.398	143	910.37 35.841	906.05 35.671	180	1145.92 45.115	1141.60 44.945			
70	445.63 17.545	441.32 17.375	107	681.18 26.818	676.87 26.648	144	916.73 36.092	912.41 35.922	181	1152.28 45.365	1147.96 45.195			

DRIVE ALIGNMENT

To assure proper drive alignment, you should refer to the information in this section for center distance alignment. The alternative is to change the idler position, so that the belt can be slipped onto the drive easily. When you install the belt, never force it over the flange. This may cause belt tensile damage.

Positive belts are most sensitive to misalignment, so never use this kind of drive in applications where misalignment is prevalent. Inconsistent belt wear and premature tensile failure may result.

The two most common types of misalignment can be seen in the drawings below. Parallel misalignment is caused when the driver and driven shafts are parallel, but the two sprockets lie in different planes. When the two shafts are not parallel, the drive is angularly misaligned.

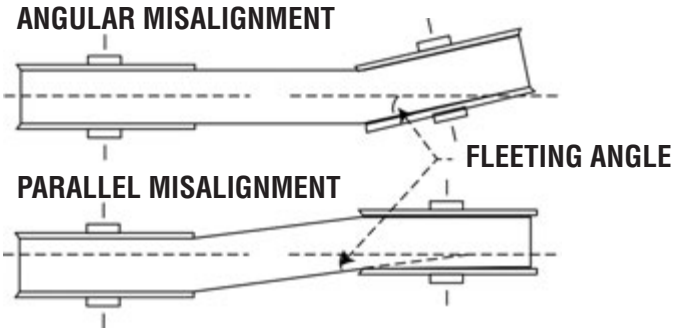
A fleeting angle (shown here) shows where the belt enters and exits the sprocket, and equals the sum of the parallel and angular misalignments.

Any degree of sprocket misalignment will result in some belt life reduction. Misalignment of all positive belt drives should not exceed 1/4" or 1/16" per foot of center distance. Alignment should be checked with a good straight-edge tool applied to their machined side surfaces from driver to driven and from driven to driver shafts. This way the effect of parallel and angular misalignment can be observed.

Drive misalignment can also cause problems of belt tracking. Some tracking is normal and will not affect performance. However, where center distance is greater than eight times the small sprocket diameter, tracking can be a problem. Special adjustment may be needed. You have to correct the parallel position of the two sprockets until one flange guides the belt in the system and the belt tracks fully on all sprockets. Regardless of the drive's center distance, the best operation will be with the belt contacting only one flange in the system.

You will find the real application problem when the belt contacts flanges on opposite sides of the sprockets. This traps the belt into undesirable parallel misalignment.

Improper bushing installation can result in the entire bushing/sprocket assembly to be "cocked" on the shaft. This leads to angular misalignment. Be sure to follow 's bushing installation instructions.



INSTALLATION AND TENSIONING ALLOWANCES

We do not recommend fixed center drives. To avoid belt damage and excessive wear, refer to the Distance Allowance Charts. The standard installation allowance is the minimum decrease in the center distance required to install a belt when flanged sprockets are removed from their shafts for belt installation. The charts first column spells this out with more comprehensive information needed for the minimum increase in center distance required for a belt's tension during it's normal life.

If a belt is to be installed over flanged sprockets without removing them, the additional installation center distance allowances shown in the second table must be added to the first table data.

Distance Allowance Chart

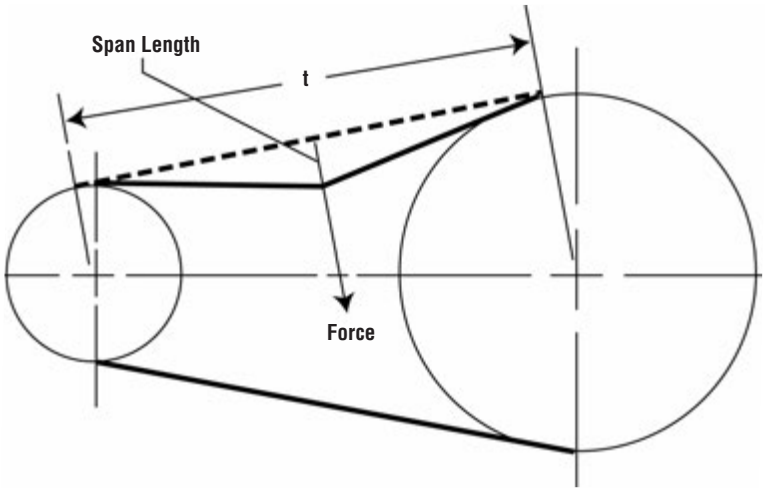
Belt Length (in)	* Standard Installation Allowance	Tensioning Allowance (Any Drive)
20 and under	0.04"	0.03"
Over 20 to 40	0.05"	0.03"
Over 40 to 60	0.07"	0.04"
Over 60 to 90	0.09"	0.05"
Over 90 to 120	0.11"	0.05"
Over 120 to 160	0.14"	0.05"
Over 160 to 190	0.17"	0.05"
Over 190 to 260	0.21"	0.05"

* Flanged Sprockets Removed for Installation.

HTS BELT TENSIONING AND DEFLECTION FORCE

Lay the belt on the sprockets, adjusting the takeup, so that the belt teeth mesh securely with sprocket grooves. Measure the belt span "t." Then tighten the belt, so that it deflects 1/64" for each inch of belt span when a force is applied. (See Table below.)

Example: A 14mm pitch belt, 85mm wide, with a span of 30" and a maximum force of 28 lbs. applied, should deflect 30/64 inch. Deflection 1/64 per inch of span. (Measure the span length "t" as shown in the sketch below).



$$t = \sqrt{C^2 - \frac{(D - d)^2}{2}}$$

These ranges of deflection forces are applicable for drive installation. Actual operation tension depends on the number of teeth mesh, system rigidity, peak loads, etc.

Belt Pitch	Belt Width	Force*
5mm	9mm	9 to 18 oz.
	15mm	1 to 2 lbs.
	25mm	1-1/2 to 3 lbs.
8mm	20mm	3 to 4 lbs.
	30mm	5 to 6-1/2 lbs.
	50mm	9 to 12 lbs.
	85mm	16 to 20 lbs.
14mm	40 mm	10 to 13 lbs.
	55mm	15 to 18 lbs.
	85 mm	23 to 28 lbs.
	115mm	32 to 39 lbs.
	170mm	48 to 57 lbs.
20mm	115mm	45 to 55 lbs.
	170mm	70 to 85 lbs.
	230mm	95 to 120 lbs.
	290mm	120 to 150 lbs.
	340mm	145 to 180 lbs.

*Force applies to speeds exceeding 600 rpm.

Note: For belts wider than 2", you can avoid belt distortion by placing a 3/4" or 1" metal strip across the belt between belt and tension tester.

High HP HTS Synchronous Sprockets

"W" High HP HTS® Sprockets (RPP® Tooth Profile) – Run with Hawk Pd®, Panther®, QT Power Chain® belts.

"W" High HP HTS® Sprockets are designed to run with latest design, higher horsepower belts.

Martin's High HP HTS® Sprockets are designed to run with today's highest horsepower RPP® profile belts.

High HP HTS® Synchronous Sprockets allow you more flexibility in your selection criteria. The expanded line allows you to fit the application with the most cost effective sprockets.

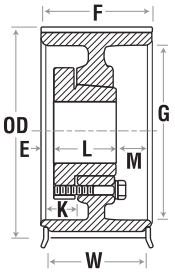
W 24 8M 22 - JA

- **W** – Hight HP HTS®
- **24** – Number of Teeth
- **8M** – Belt Pitch
  - 8mm 12, 22, 35, 60
  - 14mm 20, 42, 65, 90, 120
- **22** – Belt Width (mm)
- **JA** – Bushing or MPB

- Available in 8mm and 14mm pitches
- Belt widths: 12mm, 22mm, 35mm, 60mm (8mm pitch)
  20mm, 42mm, 65mm, 90mm, 120mm (14mm pitch)
- Available in QD, TB or MPB styles from stock.
- **Typical Part Number: W248M22-JA**

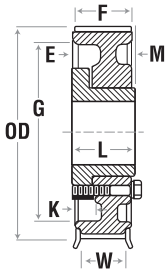
High HP HTS® Sprockets
8mm

Type A



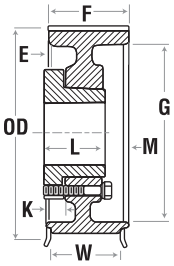
Type AF

Type C



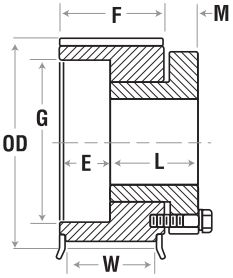
Type CF

Type D



Type DF

Type E •



Type EF •

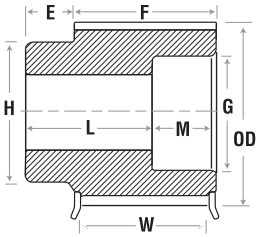
No. of Teeth	Catalog Number	Bore	Pitch	Diameter O.D.	Diameter Flange	Type +	Max Bore	Dimensions E	L	M	K	H	F	G	W	Weight Approx. (lbs.)
8mm Pitch, 12 mm (.47 in.) Wide Belts (8M-12)																
22	W228M12-MPB	MPB	2.206	2.154	2.562	MPB	1.188	0.623	1.452	—	—	1.620	0.827	—	0.577	1.0
24	W248M12-JA	JA	2.406	2.354	2.75	EF-1 •	1.25	0.265	1.063	0.5	—	—	0.827	1.34	0.577	0.5
26	W268M12-JA	JA	2.607	2.554	2.937	EF-1 •	1.25	0.265	1.063	0.5	—	—	0.827	1.34	0.577	0.6
28	W288M12-H	H	2.807	2.755	3.156	EF-1 •	1.5	-0.048	1.25	0.375	—	—	0.827	1.57	0.577	0.7
30	W308M12-H	H	3.008	2.955	3.344	EF-1 •	1.5	-0.048	1.25	0.375	—	—	0.827	1.57	0.577	0.9
32	W328M12-H	H	3.208	3.155	3.562	EF-1 •	1.5	-0.048	1.25	0.375	—	—	0.827	1.57	0.577	1.1
34	W348M12-SH	SH	3.409	3.355	3.75	DF-1	1.688	0.5	1.313	0.014	—	—	0.827	2.75	0.577	1.1
36	W368M12-SH	SH	3.609	3.556	3.937	DF-1	1.688	0.5	1.313	0.014	—	—	0.827	2.82	0.577	1.3
38	W388M12-SH	SH	3.810	3.756	4.156	DF-1	1.688	0.5	1.313	0.014	—	—	0.827	3	0.577	1.6
40	W408M12-SH	SH	4.010	3.956	4.344	DF-1	1.688	0.5	1.313	0.014	—	—	0.827	3	0.577	1.9
44	W448M12-SDS	SDS	4.411	4.357	4.75	CF-1	2	0.548	1.375	—	0.077	—	0.827	3.5	0.577	2.1
48	W488M12-SDS	SDS	4.812	4.757	5.157	CF-1	2	0.548	1.375	—	0.077	—	0.827	3.800	0.577	2.7
56	W568M12-SDS	SDS	5.614	5.558	5.937	CF-1	2	0.548	1.375	—	0.077	—	0.827	4.600	0.577	4.0
64	W648M12-SDS	SDS	6.416	6.359	6.75	CF-1	2	0.548	1.375	—	0.077	—	0.827	5.400	0.577	5.5
72	W728M12-SDS	SDS	7.218	7.16	7.562	CF-1	2	0.548	1.375	—	0.077	—	0.827	6.200	0.577	7.3
80	W808M12-SDS	SDS	8.020	7.961	8.375	CF-2	2	0.548	1.375	—	0.077	—	0.827	6.900	0.577	9.2
90	W908M12-SDS	SDS	9.023	8.963	—	C-2	2	0.548	1.375	—	0.077	—	0.827	7.625	—	9.5
112	W1128M12-SK	SK	11.229	11.166	—	C-3	2.625	0.688	1.938	0.423	—	—	0.827	9.875	—	13.3
144	W1448M12-SK	SK	14.447	14.37	—	C-3	2.625	0.688	1.938	0.423	—	—	0.827	12.875	—	19.1
192	W1928M12-SF	SF	19.249	19.176	—	C-3	2.938	0.813	2.063	0.423	—	—	0.827	17.625	—	23.0
8mm Pitch, 22 mm (.86 in.) Wide Belts (8M-22)																
22	W228M22-MPB	MPB	2.206	2.154	2.562	MPBF-1	1.188	0.619	1.84	—	—	1.625	1.22	—	0.97	1.3
24	W248M22-JA	JA	2.406	2.354	2.750	EF-1 •	1.25	0.658	1.063	0.5	—	—	1.22	1.34	0.97	0.7
26	W268M22-JA	JA	2.607	2.554	2.937	EF-1 •	1.25	0.658	1.063	0.5	—	—	1.22	1.34	0.97	1.0
28	W288M22-H	H	2.807	2.755	3.156	EF-1 •	1.5	0.345	1.25	0.375	—	—	1.22	1.57	0.97	1.1
30	W308M22-H	H	3.008	2.955	3.344	EF-1 •	1.5	0.345	1.25	0.375	—	—	1.22	1.57	0.97	1.3
32	W328M22-H	H	3.208	3.155	3.562	CF-1 •	1.5	0.030	1.25	—	0.345	—	1.22	1.57	0.97	1.7
34	W348M22-SH	SH	3.409	3.355	3.75	DF-1	1.688	0.092	1.313	—	0.408	—	1.22	2.75	0.97	1.3
36	W368M22-SH	SH	3.609	3.556	3.937	DF-1	1.688	0.092	1.313	—	0.408	—	1.22	2.82	0.97	1.6
38	W388M22-SH	SH	3.810	3.756	4.156	DF-1	1.688	0.092	1.313	—	0.408	—	1.22	3	0.97	1.9
40	W408M22-SH	SH	4.010	3.956	4.344	DF-1	1.688	0.092	1.313	—	0.408	—	1.22	3	0.97	2.3
44	W448M22-SDS	SDS	4.411	4.357	4.75	DF-1	2	0.155	1.375	—	0.47	—	1.22	3.5	0.97	2.5
48	W488M22-SDS	SDS	4.812	4.757	5.157	DF-1	2	0.155	1.375	—	0.47	—	1.22	3.8	0.97	3.2
56	W568M22-SDS	SDS	5.614	5.558	5.937	DF-1	2	0.155	1.375	—	0.47	—	1.22	4.6	0.97	4.6
64	W648M22-SK	SK	6.416	6.359	6.75	DF-1	2.625	0.438	1.938	-0.28	0.25	—	1.22	5.4	0.97	7.7
72	W728M22-SK	SK	7.218	7.16	7.562	DF-1	2.625	0.438	1.938	-0.28	0.25	—	1.22	6.2	0.97	9.1
80	W808M22-SK	SK	8.020	7.961	8.375	DF-2	2.625	0.438	1.938	-0.28	0.25	—	1.22	6.9	0.97	9.1
90	W908M22-SK	SK	9.023	8.963	—	D-2	2.625	0.438	1.938	-0.28	0.25	—	1.22	7.63	—	12.0
112	W1128M22-SK	SK	11.229	11.166	—	D-3	2.625	0.438	1.938	-0.28	0.25	—	1.22	9.88	—	15.3
144	W1448M22-SF	SF	14.447	14.37	—	D-3	2.938	0.563	2.063	-0.28	0.25	—	1.22	12.88	—	19.1
192	W1928M22-E	E	19.249	19.176	—	C-3	3.5	1.202	2.625	0.202	-0.202	—	1.22	17.63	—	38.4

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

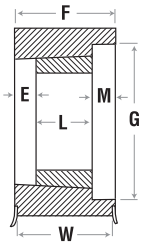
High HP HTS® Sprockets
8mm

Type MPB



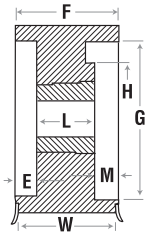
Type MPBF

Type K



Type KF

Type W



Type WF

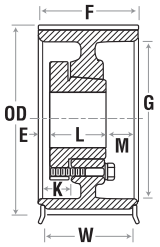
No. of Teeth	Catalog Number	Bore	Pitch	Diameter		Type +	Max Bore	Dimensions								Weight Approx. (lbs.)
				O.D.	Flange			E	L	M	K	H	F	G	W	
8mm Pitch, 35 mm (1.38in.) Wide Belts (8M - 35)																
22	W228M35-MPB	MPB	2.206	2.154	2.56	MBPF-1	1.188	0.618	2.35	—	—	1.625	1.73	—	1.428	1.6
24	W248M35-MPB	MPB	2.406	2.354	2.75	MBPF-1	1.250	0.618	2.35	—	—	1.8125	1.73	—	1.428	2.0
26	W268M35-MPB	MPB	2.607	2.554	2.94	MBPF-1	1.375	0.618	2.35	—	—	2	1.73	—	1.428	2.4
28	W288M35-H	H	2.807	2.755	3.16	EF-1 •	1.5	0.855	1.25	0.375	—	—	1.73	1.57	1.428	1.5
30	W308M35-H	H	3.008	2.955	3.34	EF-1 •	1.5	0.855	1.25	0.375	—	—	1.73	1.57	1.428	1.9
32	W328M35-H	H	3.208	3.155	3.56	AF-1 •	1.5	0.245	1.25	0.235	0.62	—	1.73	1.57	1.428	2.4
34	W348M35-SH	SH	3.409	3.355	3.75	AF-1	1.688	0.12	1.3125	0.298	0.62	—	1.73	2.75	1.428	2.4
36	W368M35-SH	SH	3.609	3.556	3.94	AF-1	1.688	0.12	1.3125	0.298	0.62	—	1.73	2.82	1.428	2.8
38	W388M35-SH	SH	3.81	3.756	4.16	AF-1	1.688	0.12	1.3125	0.298	0.62	—	1.73	3	1.428	3.0
40	W408M35-SH	SH	4.01	3.956	4.34	AF-1	1.688	0.12	1.3125	0.298	0.62	—	1.73	3	1.428	2.8
44	W448M35-SD	SD	4.411	4.357	4.75	DF-1	2	0.313	1.8125	0.232	0.25	—	1.73	3.5	1.428	3.1
48	W488M35-SD	SD	4.812	4.757	5.16	DF-1	2	0.313	1.8125	0.232	0.25	—	1.73	3.8	1.428	3.5
56	W568M35-SK	SK	5.614	5.558	5.94	DF-1	2.625	0.438	1.9375	0.23	0.25	—	1.73	4.6	1.428	5.3
64	W648M35-SK	SK	6.416	6.359	6.75	DF-1	2.625	0.438	1.9375	0.23	0.25	—	1.73	5.4	1.428	8.4
72	W728M35-SK	SK	7.218	7.16	7.56	DF-1	2.625	0.438	1.9375	0.23	0.25	—	1.73	6.2	1.428	9.1
80	W808M35-SF	SF	8.02	7.961	8.38	DF-1	2.938	0.563	2.0625	0.23	0.25	—	1.73	6.9	1.428	15.1
90	W908M35-SF	SF	9.023	8.963	—	D-2	2.938	0.563	2.0625	0.23	0.25	—	1.73	7.625	—	20.7
112	W1128M35-SF	SF	11.229	11.166	—	A-3	2.938	0.563	2.0625	0.23	0.25	—	1.73	9.875	—	18.0
144	W1448M35-E	E	14.447	14.37	—	C-3	3.5	0.893	2.6250	—	0.107	—	1.73	12.875	—	38.0
192	W1928M35-E	E	19.249	19.176	—	C-3	3.5	0.893	2.6250	—	0.107	—	1.73	17.625	—	53.0
8mm Pitch, 60 mm (2.36 in.) Wide Belts (8M-60)																
22	W228M60-MPB	MPB	2.206	2.154	2.562	MPBF-1	1.188	0.619	3.375	—	—	1.625	2.756	—	2.506	2.2
24	W248M60-MPB	MPB	2.406	2.354	2.75	MPBF-1	1.25	0.619	3.375	—	—	1.813	2.756	—	2.506	2.7
26	W268M60-MPB	MPB	2.607	2.554	2.937	MPBF-1	1.375	0.619	3.375	—	—	2	2.756	—	2.506	3.3
28	W288M60-MPB	MPB	2.807	2.755	3.156	MPBF-1	1.5	0.619	3.375	—	—	2.281	2.756	—	2.506	4.4
30	W308M60-MPB	MPB	3.008	2.955	3.344	MPBF-1	1.563	0.619	3.375	—	—	2.468	2.756	—	2.506	5.1
32	W328M60-MPB	MPB	3.208	3.155	3.562	MPBF-1	1.625	0.619	3.375	—	—	2.593	2.756	—	2.506	5.9
34	W348M60-MPB	MPB	3.409	3.355	3.750	MPBF-1	1.688	0.619	3.375	—	—	2.796	2.756	—	2.506	6.6
36	W368M60-MPB	MPB	3.609	3.556	3.937	MPBF-1	1.75	0.619	3.375	—	—	3	2.756	—	2.506	7.8
36	W368M60-2012	2012*	3.609	3.556	3.937	KF-1	2	1.506	1.25	—	—	—	2.756	2.82	2.506	2.3
38	W388M60-MPB	MPB	3.810	3.756	4.156	MPBF-1	1.938	0.619	3.375	—	—	3.188	2.756	—	2.506	8.8
38	W388M60-2012	2012*	3.810	3.756	4.156	KF-1	2	1.506	1.25	—	—	—	2.756	3	2.506	2.8
40	W408M60-MPB	MPB	4.010	3.956	4.344	MPBF-1	2.125	0.619	3.375	—	—	3.813	2.756	—	2.506	9.8
40	W408M60-2012	2012*	4.010	3.956	4.344	WF-1	2	1.506	1.25	—	—	—	2.756	3	2.506	2.3
44	W448M60-2517	2517	4.411	4.357	4.75	WF-1	2.5	0.503	1.75	0.503	—	—	2.756	3.5	2.506	5.4
48	W488M60-2517	2517	4.812	4.757	5.157	WF-1	2.5	0.503	1.75	0.503	—	—	2.756	3.8	2.506	3.2
56	W568M60-3020	3020	5.614	5.558	5.937	WF-1	3	0.378	2	0.378	—	—	2.756	4.6	2.506	6.3
64	W648M60-SF	SF	6.416	6.359	6.750	AF-1	2.938	-0.061	2.063	0.754	0.752	—	2.756	5.4	2.506	9.8
72	W728M60-E	E	7.218	7.160	7.562	AF-1	3.5	—	2.625	0.131	1	—	2.756	6.2	2.506	12.8
80	W808M60-E	E	8.020	7.961	8.375	AF-1	3.5	—	2.625	0.131	1	—	2.756	6.9	2.506	19.3
90	W908M60-E	E	9.023	8.963	—	A-1	3.5	—	2.625	0.131	1	—	2.756	7.625	—	20.7
112	W1128M60-F	F	11.229	11.166	—	C-3	4	0.869	3.625	—	0.256	—	2.756	9.875	—	50.3
144	W1448M60-F	F	14.447	14.37	—	C-3	4	0.869	3.625	—	0.256	—	2.756	12.875	—	73.2
192	W1928M60-F	F	19.249	19.176	—	C-3	4	0.869	3.625	—	0.256	—	2.756	17.625	—	81.3

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

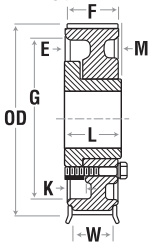
High HP HTS® Sprockets
14mm

Type A



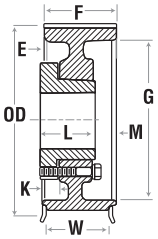
Type AF

Type C



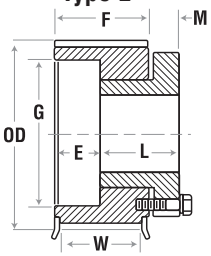
Type CF

Type D



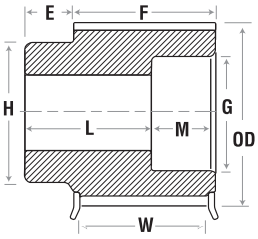
Type DF

Type E •



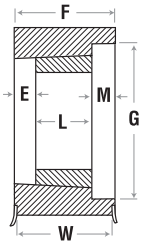
Type EF •

Type MPB



Type MPBF

Type K



Type KF

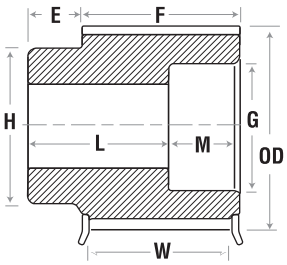
No. of Teeth	Catalog Number	Bore	Pitch	Diameter O.D.	Diameter Flange	Type +	Max Bore	Dimensions E	Dimensions L	Dimensions M	Dimensions K	Dimensions H	Dimensions F	Dimensions G	Dimensions W	Weight Approx. (lbs.)
14mm Pitch, 20 mm (.79in.) Wide Belts (14M - 20)																
28	W2814M20-SK	SK	4.912	4.805	5.56	DF-1	2.625	0.688	1.938	-0.03	—	—	1.22	2.74	0.908	3.6
29	W2914M20-SK	SK	5.088	4.981	5.56	DF-1	2.625	0.688	1.938	-0.03	—	—	1.22	2.74	0.908	4.0
30	W3014M20-SK	SK	5.263	5.156	6.13	DF-1	2.625	0.688	1.938	-0.03	—	—	1.22	2.74	0.908	4.4
32	W3214M20-SK	SK	5.614	5.507	6.13	DF-1	2.625	0.688	1.938	-0.03	—	—	1.22	2.74	0.908	5.3
34	W3414M20-SK	SK	5.965	5.857	6.5	DF-1	2.625	0.688	1.938	-0.03	—	—	1.22	2.74	0.908	6.2
36	W3614M20-SF	SF	6.316	6.208	6.81	CF-1	2.938	0.813	2.063	-0.03	—	—	1.22	3.05	0.908	5.7
38	W3814M20-SF	SF	6.667	6.559	7.16	CF-1	2.938	0.813	2.063	-0.03	—	—	1.22	3.05	0.908	6.5
40	W4014M20-SF	SF	7.018	6.91	7.5	CF-1	2.938	0.813	2.063	-0.03	—	—	1.22	3.05	0.908	7.6
44	W4414M20-E	E	7.72	7.611	8.22	CF-1	3.5	1	2.625	0.405	—	—	1.22	—	0.908	10.2
48	W4814M20-E	E	8.421	8.312	8.94	CF-1	3.5	1	2.625	0.405	—	—	1.22	—	0.908	13.0
52	W5214M20-E	E	9.123	9.014	9.69	CF-1	3.5	1	2.625	0.405	—	—	1.22	—	0.908	16.7
56	W5614M20-E	E	9.825	9.715	10.38	CF-1	3.5	1	2.625	0.405	—	—	1.22	—	0.908	20.4
60	W6014M20-E	E	10.527	10.417	11.06	CF-1	3.5	1	2.625	0.405	—	—	1.22	—	0.908	23.6
64	W6414M20-E	E	11.229	11.118	11.75	CF-1	3.5	1	2.625	0.405	—	—	1.22	—	0.908	27.1
68	W6814M20-E	E	11.93	11.82	12.5	CF-2	3.5	1	2.625	0.405	—	—	1.22	—	0.908	26.8
72	W7214M20-E	E	12.632	12.521	13.19	CF-2	3.5	1	2.625	0.405	—	—	1.22	—	0.908	29.6
80	W8014M20-E	E	14.036	13.924	14.63	CF-2	3.5	1	2.625	0.405	—	—	1.22	—	0.908	35.3
90	W9014M20-E	E	15.79	15.677	—	C-3	3.5	1.188	2.625	0.218	-0.188	—	1.22	13.563	—	36.6
112	W11214M20-E	E	19.65	19.535	—	C-3	3.5	1.188	2.625	0.218	-0.188	—	1.22	17.375	—	48.0
144	W14414M20-E	E	25.264	25.147	—	C-3	3.5	1.188	2.625	0.218	-0.188	—	1.22	23	—	59.4
168	W16814M20-F	F	29.475	29.355	—	C-3	4	1.563	3.625	0.842	-0.438	—	1.22	27.25	—	98.4
192	W19214M20-J	J	33.686	33.564	—	C-3	4.5	1.938	4.5	1.342	-0.626	—	1.22	31.375	—	147.4
216	W21614M20-J	J	37.896	37.772	—	C-3	4.5	1.938	4.5	1.342	-0.626	—	1.22	35.625	—	155.6
14mm Pitch, 42 mm (1.65 in.) Wide Belts (14M-42)																
28	W2814M42-SK	SK	4.912	4.805	5.56	EF-1 •	2.625	0.837	1.938	0.688	—	—	2.087	2.74	1.774	5.5
29	W2914M42-SK	SK	5.088	4.981	5.56	EF-1 •	2.625	0.837	1.938	0.688	—	—	2.087	2.74	1.774	6.2
30	W3014M42-SK	SK	5.263	5.156	6.13	DF-1	2.625	0.267	1.938	0.416	0.421	—	2.087	3.92	1.774	5.9
32	W3214M42-SK	SK	5.614	5.507	6.13	DF-1	2.625	0.267	1.938	0.416	0.42	—	2.087	3.92	1.774	7.4
34	W3414M42-SF	SF	5.965	5.857	6.5	DF-1	2.938	0.391	2.063	0.415	0.421	—	2.087	3.92	1.774	8.8
36	W3614M42-SF	SF	6.316	6.208	6.81	DF-1	2.938	0.391	2.063	0.415	0.421	—	2.087	4.688	1.774	7.8
38	W3814M42-SF	SF	6.667	6.559	7.16	DF-1	2.938	0.391	2.063	0.415	0.421	—	2.087	4.938	1.774	9.2
40	W4014M42-SF	SF	7.018	6.91	7.5	DF-1	2.938	0.391	2.063	0.415	0.421	—	2.087	5.063	1.774	10.8
44	W4414M42-E	E	7.72	7.611	8.22	DF-1	3.5	0.772	2.625	0.234	0.228	—	2.087	6.125	1.774	13.1
48	W4814M42-E	E	8.421	8.312	8.94	DF-1	3.5	0.772	2.625	0.234	0.228	—	2.087	6.5	1.774	17.2
52	W5214M42-E	E	9.123	9.014	9.69	DF-1	3.5	0.772	2.625	0.234	0.228	—	2.087	7.188	1.774	21.2
56	W5614M42-E	E	9.825	9.715	10.38	DF-1	3.5	0.772	2.625	0.234	0.228	—	2.087	7.875	1.774	25.6
60	W6014M42-E	E	10.527	10.417	11.06	DF-1	3.5	0.772	2.625	0.234	0.228	—	2.087	8.5	1.774	30.3
64	W6414M42-E	E	11.229	11.118	11.75	DF-1	3.5	0.772	2.625	0.234	0.228	—	2.087	9.25	1.774	35.1
68	W6814M42-E	E	11.93	11.82	12.5	DF-2	3.5	0.772	2.625	0.234	0.228	—	2.087	10	1.774	33.7
72	W7214M42-E	E	12.632	12.521	13.19	DF-2	3.5	0.772	2.625	0.234	0.228	—	2.087	10.688	1.774	37.3
80	W8014M42-E	E	14.036	13.924	14.63	DF-2	3.5	0.772	2.625	0.234	0.228	—	2.087	12.125	1.774	44.5
90	W9014M42-F	F	15.79	15.677	—	C-3	4	1.125	3.625	0.413	—	—	2.087	13.563	—	50.8
112	W11214M42-F	F	19.65	19.535	—	C-3	4	1.125	3.625	0.413	—	—	2.087	17.375	—	77.3
144	W14414M42-F	F	25.264	25.147	—	C-3	4	1.125	3.625	0.413	—	—	2.087	23	—	97.4
168	W16814M42-F	F	29.475	29.355	—	C-3	4	1.125	3.625	0.413	—	—	2.087	27.25	—	119.3
192	W19214M42-J	J	33.686	33.564	—	C-3	4.5	1.505	4.5	0.908	—	-0.192	2.087	31.375	—	173.5
216	W21614M42-J	J	37.896	37.772	—	C-3	4.5	1.505	4.5	0.908	—	-0.192	2.087	35.625	—	206.0

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

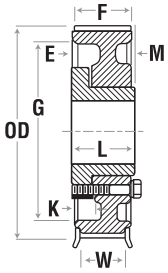
High HP HTS® Sprockets
14mm

Type MPB



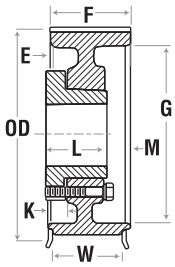
Type MPBF

Type C



Type CF

Type D



Type DF

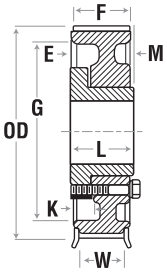
No. of Teeth	Catalog Number	Bore	Pitch	Diameter		Type +	Max Bore	Dimensions								Weight Approx. (lbs.)
				O.D.	Flange			E	L	M	K	H	F	G	W	
14mm Pitch, 65 mm (2.56in.) Wide Belts (14M - 65)																
28	W2814M65-MPB	MPB	4.912	4.805	5.56	MPBF-1	2.313	1	4.032	—	-	3.688	3.032	—	2.719	15.0
29	W2914M65-MPB	MPB	5.088	4.981	5.56	MPBF-1	2.313	1	4.032	—	-	3.688	3.032	—	2.719	16.0
30	W3014M65-MPB	MPB	5.263	5.156	6.13	MPBF-1	2.5	1	4.032	—	-	4.141	3.032	—	2.719	18.0
32	W3214M65-MPB	MPB	5.614	5.507	6.13	MPBF-1	2.5	1	4.032	—	-	4.141	3.032	—	2.719	20.2
34	W3414M65-MPB	MPB	5.965	5.857	6.5	MPBF-1	2.688	1	4.032	—	-	4.484	3.032	—	2.719	23.4
36	W3614M65-MPB	MPB	6.316	6.208	6.81	MPBF-1	3	1	4.032	—	-	4.875	3.032	—	2.719	24.5
36	W3614M65-3030	3030*	6.316	6.208	6.81	MPBF-1	3	0.032	3	—	-	—	3.032	—	2.719	10.8
38	W3814M65-MPB	MPB	6.667	6.559	7.16	MPBF-1	3.250	1	4.032	—	-	5.172	3.032	—	2.719	27.6
38	W3814M65-3030	3030*	6.667	6.559	7.16	MPBF-1	3	0.032	3	—	-	—	3.032	—	2.719	13.4
40	W4014M65-MPB	MPB	7.018	6.910	7.5	MPBF-1	3.438	1	4.032	—	-	5.563	3.032	—	2.719	31.5
40	W4014M65-3535	3535*	7.018	6.910	7.5	CF-1	3.5	0.468	3.5	—	-	6.125	3.032	3.875	2.719	13.2
44	W4414M65-E	E	7.720	7.611	8.22	DF-1	3.5	0.125	2.625	0.532	0.875	—	3.032	6.125	2.719	16.2
48	W4814M65-E	E	8.421	8.312	8.94	DF-1	3.5	0.125	2.625	0.532	0.875	—	3.032	6.5	2.719	21.4
52	W5214M65-E	E	9.123	9.014	9.69	DF-1	3.5	0.125	2.625	0.532	0.875	—	3.032	7.188	2.719	25.9
56	W5614M65-F	F	9.825	9.715	10.38	CF-1	4	0.594	3.625	—	0.531	—	3.032	7.875	2.719	36.3
60	W6014M65-F	F	10.527	10.417	11.06	CF-1	4	0.594	3.625	—	0.531	—	3.032	8.5	2.719	43.5
64	W6414M65-F	F	11.229	11.118	11.75	CF-1	4	0.594	3.625	—	0.531	—	3.032	9.25	2.719	51.0
68	W6814M65-F	F	11.930	11.820	12.5	CF-2	4	0.594	3.625	—	0.531	7.75	3.032	10	2.719	47.9
72	W7214M65-F	F	12.632	12.521	13.19	CF-2	4	0.594	3.625	—	0.531	7.75	3.032	10.688	2.719	52.7
80	W8014M65-F	F	14.036	13.924	14.63	CF-2	4	0.594	3.625	—	0.531	7.75	3.032	12.125	2.719	61.2
90	W9014M65-F	F	15.790	15.677	—	C-3	4	0.594	3.625	—	0.531	7.75	3.032	13.563	—	59.8
112	W11214M65-J	J	19.650	19.535	—	C-3	4.5	1.250	4.5	0.219	0.063	9	3.032	17.375	—	104.2
144	W14414M65-M	M	25.264	25.147	—	C-3	5.5	2.063	6.75	1.657	-0.5	11.375	3.032	23	—	197.3
168	W16814M65-M	M	29.475	29.355	—	C-3	5.5	2.063	6.75	1.657	-0.5	11.375	3.032	27.25	—	207.0
192	W19214M65-M	M	33.686	33.564	—	C-3	5.5	2.063	6.75	1.657	-0.5	11.375	3.032	31.375	—	173.5
216	W21614M65-M	M	37.896	37.772	—	C-3	5.5	2.063	6.75	1.657	-0.5	11.375	3.032	35.625	—	253.0

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

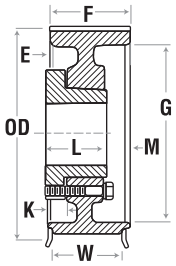
High HP HTS® Sprockets
14mm

Type C



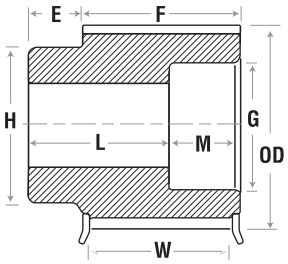
Type CF

Type D



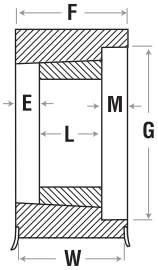
Type DF

Type MPB



Type MPBF

Type K



Type KF

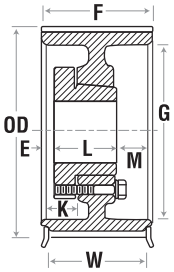
No. of Teeth	Catalog Number	Bore	Pitch	Diameter		Type +	Max Bore	Dimensions								Weight Approx. (lbs.)
				O.D.	Flange			E	L	M	K	H	F	G	W	
14mm Pitch, 90 mm (3.54 in.) Wide Belts (14M-90)																
28	W2814M90-MPB	MPB	4.912	4.805	5.56	MPBF-1	2.313	1	5.055	—	—	3.688	4.055	—	3.743	18.9
29	W2914M90-MPB	MPB	5.088	4.981	5.56	MPBF-1	2.313	1	5.055	—	—	3.688	4.055	—	3.743	20.2
30	W3014M90-MPB	MPB	5.263	5.156	6.13	MPBF-1	2.5	1	5.055	—	—	4.141	4.055	—	3.743	10.9
32	W3214M90-MPB	MPB	5.614	5.507	6.13	MPBF-1	2.5	1	5.055	—	—	4.141	4.055	—	3.743	13.9
34	W3414M90-MPB	MPB	5.965	5.857	6.5	MPBF-1	2.688	1	5.055	—	—	4.484	4.055	—	3.743	16.7
36	W3614M90-MPB	MPB	6.316	6.208	6.81	MPBF-1	3	1	5.055	—	—	4.875	4.055	—	3.743	31.4
38	W3814M90-MPB	MPB	6.667	6.559	7.16	MPBF-1	3.25	1	5.055	—	—	5.172	4.055	4.938	3.743	35.5
40	W4014M90-3535	3535	7.018	6.91	7.5	KF-1	3.5	0.555	3.5	—	—	—	4.055	—	3.743	17.1
44	W4414M90-3535	3535	7.72	7.611	8.22	KF-1	4	0.555	3.5	—	—	—	4.055	—	3.743	24.8
48	W4814M90-4040	4040	8.421	8.312	8.94	KF-1	4	0.055	4	—	—	—	4.055	—	3.743	27.0
52	W5214M90-F	F	9.123	9.014	9.69	DF-1	4	0.347	3.625	0.778	0.778	—	4.055	7.188	3.743	34.7
56	W5614M90-F	F	9.825	9.715	10.38	DF-1	4	0.347	3.625	0.778	0.778	—	4.055	7.875	3.743	36.3
60	W6014M90-F	F	10.527	10.417	11.06	DF-1	4	0.347	3.625	0.778	0.778	—	4.055	8.5	3.743	49.8
64	W6414M90-F	F	11.229	11.118	11.75	DF-1	4	0.347	3.625	0.778	0.778	—	4.055	9.25	3.743	57.6
68	W6814M90-F	F	11.93	11.82	12.5	DF-2	4	0.347	3.625	0.778	0.778	—	4.055	10	3.743	54.8
72	W7214M90-F	F	12.632	12.521	13.19	DF-2	4	0.347	3.625	0.778	0.778	—	4.055	10.688	3.743	60.0
80	W8014M90-J	J	14.036	13.924	14.63	CF-2	4.5	0.375	4.5	0.07	0.938	—	4.055	12.125	3.743	81.5
90	W9014M90-J	J	15.79	15.677	—	C-3	4.5	0.375	4.5	0.07	0.938	—	4.055	13.563	—	77.4
112	W11214M90-J	J	19.65	19.535	—	C-3	4.5	0.375	4.5	0.07	0.938	—	4.055	17.375	—	116.2
144	W14414M90-M	M	25.264	25.147	—	C-3	5.5	1.563	6.75	1.132	—	11.375	4.055	23	—	220.0
168	W16814M90-M	M	29.475	29.355	—	C-3	5.5	1.563	6.75	1.132	—	11.375	4.055	27.25	—	207.0
192	W19214M90-M	M	33.686	33.564	—	C-3	5.5	1.563	6.75	1.132	—	11.375	4.055	31.375	—	268.4
216	W21614M90-M	M	37.896	37.772	—	C-3	5.5	1.563	6.75	1.132	—	11.375	4.055	35.625	—	278.1

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

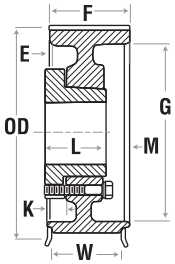
High HP HTS® Sprockets
14mm

Type A



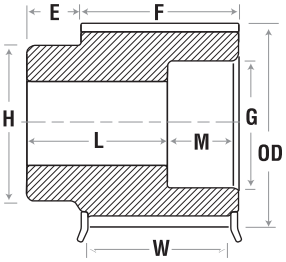
Type AF

Type D



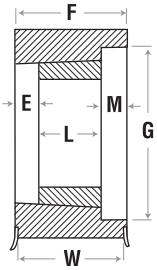
Type DF

Type MPB



Type MPBF

Type K



Type KF

No. of Teeth	Catalog Number	Bore	Pitch	Diameter		Type +	Max Bore	Dimensions								Weight Approx. (lbs.)
				O.D.	Flange			E	L	M	K	H	F	G	W	
14mm Pitch, 120 mm (4.72 in.) Wide Belts (14M-120)																
28	W2814M120-MPB	MPB	4.912	4.805	5.56	MPBF-1	2.313	1	4.986	1.25	—	3.688	5.236	3.125	4.924	22.0
29	W2914M120-MPB	MPB	5.088	4.981	5.56	MPBF-1	2.313	1	4.986	1.25	—	3.688	5.236	3.125	4.924	23.8
30	W3014M120-MPB	MPB	5.263	5.156	6.13	MPBF-1	2.5	1	4.986	1.25	—	4.141	5.236	3.906	4.924	25.1
32	W3214M120-MPB	MPB	5.614	5.507	6.13	MPBF-1	2.5	1	4.986	1.25	—	4.141	5.236	3.906	4.924	29.0
34	W3414M120-MPB	MPB	5.965	5.857	6.5	MPBF-1	2.688	1	4.986	1.25	—	4.484	5.236	4.063	4.924	33.7
36	W3614M120-MPB	MPB	6.316	6.208	6.81	MPBF-1	3	1	4.986	1.25	—	4.875	5.236	4.688	4.924	34.0
38	W3814M120-MPB	MPB	6.667	6.559	7.16	MPBF-1	3.25	1	4.986	1.25	—	5.172	5.236	4.938	4.924	38.4
40	W4014M120-MPB	MPB	7.018	6.91	7.5	MPBF-1	3.438	1	4.986	1.25	—	5.563	5.236	5.063	4.924	43.4
44	W4414M120-3535	3535	7.72	7.611	8.22	KF-1	4	0.868	3.5	0.868	—	—	5.236	5.875	4.924	24.8
48	W4814M120-4040	4040	8.421	8.312	8.94	KF-1	4	0.618	4	0.618	—	—	5.236	6.625	4.924	31.8
52	W5214M120-F	F	9.123	9.014	9.69	AF-1	4	1.125	3.625	1.361	1.375	—	5.236	7.188	4.924	34.7
56	W5614M120-F	F	9.825	9.715	10.38	AF-1	4	1.125	3.625	1.361	1.375	—	5.236	7.875	4.924	48.4
60	W6014M120-F	F	10.527	10.417	11.06	AF-1	4	1.125	3.625	1.361	1.375	—	5.236	8.5	4.924	57.1
64	W6414M120-J	J	11.229	11.118	11.75	DF-1	4.5	0.293	4.5	1.029	1.02	—	5.236	9.25	4.924	69.7
68	W6814M120-J	J	11.93	11.82	12.5	DF-1	4.5	0.293	4.5	1.029	1.02	—	5.236	10	4.924	80.4
72	W7214M120-J	J	12.632	12.521	13.19	DF-1	4.5	0.293	4.5	1.029	1.02	—	5.236	10.688	4.924	92.2
80	W8014M120-J	J	14.036	13.924	14.63	DF-2	4.5	0.293	4.5	1.029	1.02	—	5.236	12.125	4.924	92.5
90	W9014M120-M	M	15.79	15.677	—	C-2	5.5	1.514	6.75	—	0.049	10	5.236	13.563	—	134.5
112	W11214M120-M	M	19.65	19.535	—	C-3	5.5	1.514	6.75	—	0.049	11.375	5.236	17.375	—	193.4
144	W14414M120-M	M	25.264	25.147	—	C-3	5.5	1.514	6.75	—	0.049	11.375	5.236	23	—	234.6
168	W16814M120-M	M	29.475	29.355	—	C-3	5.5	1.514	6.75	—	0.049	11.375	5.236	27.25	—	245.8
192	W19214M120-N	N	33.686	33.564	—	C-3	6	1.875	8.125	1.014	—	12	5.236	31.375	—	381.5

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

MPC® Synchronous Sprockets

Bushing Options

PB	Minimum Plain Bore
F	QD - Air Cooler Heat
No prefix	Taper Bushed

F 8MX 22S 12 - SH

Bushing Options

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

Belt Pitch

8mm
14mm

Belt Width (mm)

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

Number of Teeth *"S" identifies it as an MPC®*

Introducing our newest synchronous sprocket.

The addition of our MPC® sprocket line makes Martin your one-stop-shop for all your synchronous sprocket needs. Match your sprocket to your favorite belt.

MPC® Synchronous Sprockets are available in your desired configuration.

- Available in 8mm and 14mm pitches.
- Belt widths:

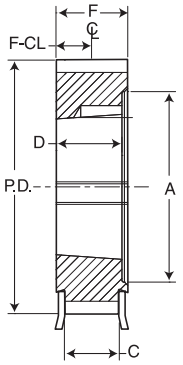
  12mm, 21mm, 36mm, 62mm (8mm pitch)

  20mm, 37mm, 68mm, 90mm, 125mm

  (14mm pitch)
- Available in QD, TB or other special adapters.
- Special diameters and widths, as well as special materials, are also available.

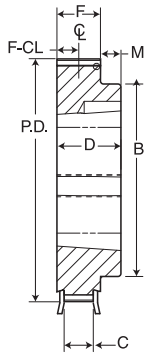
MPC® Sprockets
8mm

Type A



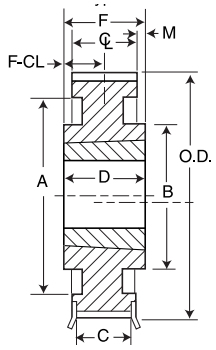
Type AF

Type B



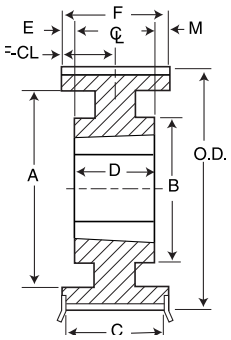
Type BF

Type C



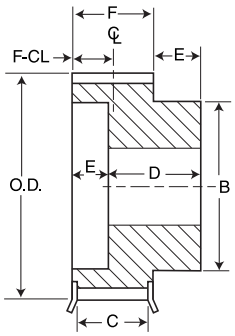
Type CF

Type D



Type DF

Type 6



Type 6F

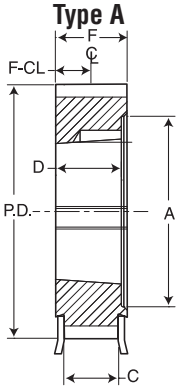
8mm Pitch — 12mm Wide Belt

No. of Teeth	Catalog Number	Bore	Pitch Diameter	Diameter O.D.	Diameter Max Flange O.D.	Type	Max Bore	Dimensions A	B	C	D	E	F	M	F-CL	Weight Approx. (lbs.)
MBP 8mm Pitch, 12mm (0.47 in.) Wide Belts (8M -12)																
22	PB8MX22S12	1/2	2.206	2.143	2.61	6F-1	1.188	-	1.79	0.57	1.31	0.46	0.82	-	0.41	1.1
25	PB8MX25S12	1/2	2.506	2.443	2.91	6F-1	1.500	-	2.08	0.57	1.31	0.46	0.82	-	0.41	1.5
28	PB8MX28S12	1/2	2.807	2.744	3.21	6F-1	1.750	-	2.34	0.57	1.31	0.46	0.82	-	0.41	1.9
30	PB8MX30S12	1/2	3.008	2.945	3.41	6F-1	1.813	-	2.54	0.57	1.42	0.57	0.82	-	0.41	2.3
32	PB8MX32S12	1/2	3.208	3.145	3.61	6F-1	2	-	2.73	0.57	1.42	0.57	0.82	-	0.41	2.7
Taper Bushed 8mm Pitch, 12mm (0.47 in.) Wide Belts (8M -12)																
22	8MX22S12-1008	1008	2.206	2.143	2.61	AF-1	1	-	-	0.63	0.88	-	0.88	-	0.44	0.5
25	8MX25S12-1108	1108	2.506	2.443	2.91	AF-1	1.125	-	-	0.63	0.88	-	0.88	-	0.44	0.7
26	8MX26S12-1108	1108	2.607	2.906	2.906	AF-1	1.125	-	-	0.63	0.88	-	0.88	-	0.44	0.8
27	8MX27S12-1108	1108	2.707	2.644	3.207	AF-1	1.125	-	-	0.63	0.88	-	0.88	-	0.44	0.9
28	8MX28S12-1108	1108	2.807	2.744	3.21	AF-1	1.125	-	-	0.63	0.88	-	0.88	-	0.44	1.0
29	8MX29S12-1108	1108	2.907	2.844	3.09	AF-1	1.125	-	-	0.63	0.88	-	0.88	-	0.44	1.2
30	8MX30S12-1108	1108	3.008	2.945	3.41	AF-1	1.125	-	-	0.63	0.88	-	0.88	-	0.44	1.3
31	8MX31S12-1210	1210	3.108	3.045	3.328	AF-1	1.25	-	-	0.75	1	-	1	-	0.5	1.3
32	8MX32S12-1210	1210	3.208	3.145	3.61	AF-1	1.25	-	-	0.75	1	-	1	-	0.5	1.4
33	8MX33S12-1610	1610	3.308	3.245	3.566	AF-1	1.625	-	-	0.75	1	-	1	-	0.5	1.3
34	8MX34S12-1610	1610	3.409	3.346	3.81	AF-1	1.625	-	-	0.75	1	-	1	-	0.5	1.3
35	8MX35S12-1610	1610	3.509	3.446	3.805	AF-1	1.625	-	-	0.75	1	-	1	-	0.5	1.3
36	8MX36S12-1610	1610	3.609	3.456	4.01	AF-1	1.625	-	-	0.75	1	-	1	-	0.5	1.2
37	8MX37S12-1610	1610	3.709	3.646	4.044	AF-1	1.625	-	-	0.75	1	-	1	-	0.5	1.6
38	8MX38S12-1610	1610	3.810	3.747	4.21	AF-1	1.62	-	-	0.75	1	-	1	-	0.5	1.7
39	8MX39S12-1610	1610	3.910	3.847	4.41	AF-1	1.625	-	-	0.75	1	-	1	-	0.5	1.7
40	8MX40S12-2012	2012	4.010	3.947	4.41	BF-1	2	-	3.56	0.57	1.25	-	0.82	0.43	0.41	1.7
41	8MX41S12-2012	2012	4.110	4.047	4.52	BF-1	2	-	3.65	0.65	1.25	-	0.82	0.43	0.41	1.8
42	8MX42S12-2012	2012	4.211	4.148	4.91	BF-1	2	-	3.76	0.57	1.25	-	0.82	0.43	0.41	2.2
45	8MX45S12-2012	2012	4.511	4.448	4.91	BF-1	2	-	3.76	0.57	1.25	-	0.82	0.43	0.41	2.5
48	8MX48S12-2012	2012	4.812	4.749	5.21	BF-1	2	-	3.76	0.57	1.25	-	0.82	0.43	0.41	3.4
50	8MX50S12-2012	2012	5.013	4.950	5.41	BF-1	2	-	3.76	0.57	1.25	-	0.82	0.43	0.41	3.7
53	8MX53S12-2012	2012	5.314	5.251	5.5	BF-1	2	-	3.76	0.57	1.25	-	0.82	0.43	0.41	4.7
56	8MX56S12-2012	2012	5.614	5.551	6.01	BF-1	2	-	3.76	0.57	1.25	-	0.82	0.43	0.41	5.4
60	8MX60S12-2012	2012	6.015	5.952	6.41	BF-1	2	-	3.76	0.57	1.25	-	0.82	0.43	0.41	6.3
63	8MX63S12-2012	2012	6.316	6.253	6.72	CF-1	2	5.71	4	0.57	1.25	-	0.82	0.43	0.41	5.6
67	8MX67S12-2012	2012	6.717	6.654	6.87	CF-1	2	6.14	4	0.57	1.25	-	0.82	0.43	0.41	4.3
71	8MX71S12-2012	2012	7.118	7.055	7.5	CF-1	2	6.51	4	0.57	1.25	-	0.82	0.43	0.41	4.7
75	8MX75S12-2012	2012	7.519	7.456	7.92	CF-1	2	6.9	4	0.57	1.25	-	0.82	0.43	0.41	5.1
80	8MX80S12-2012	2012	8.020	7.957	8.42	CF-1	2	7.23	4	0.57	1.25	-	0.82	0.43	0.41	5.8
90	8MX90S12-2012	2012	9.023	8.96	-	C-2	2	8.05	4	-	1.25	-	0.82	0.43	0.41	9.4
112	8MX112S12-2012	2012	11.229	11.166	-	C-2	2	10.25	4	-	1.25	-	0.82	0.43	0.41	16.6
140	8MX140S12-2012	2012	14.036	13.973	-	C-3	2	11.96	4.38	-	1.25	-	0.82	0.43	0.41	17.3
180	8MX180S12-2517	2517	18.046	17.893	-	C-3	2.5	15.8	4.88	-	1.75	-	0.82	0.93	0.41	30.0
224	8MX224S12-2517	2517	22.457	22.394	-	C-3	2.5	20.17	4.88	-	1.75	-	0.82	0.93	0.41	41.2

Type: 1- Solid 2 - Web 3 - Arms F=Flanged

NOTE: Weights for Minimum Plain Bore (MPB) Sprockets are with minimum bore. Weights for Bushed Sprockets less bushing. Dimensions in Inches. Weight in pounds.

MPC® Sprockets 8mm



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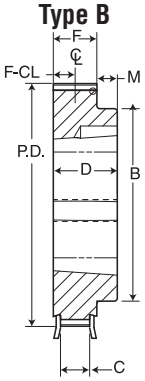

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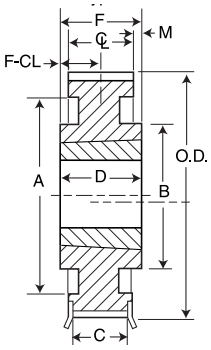

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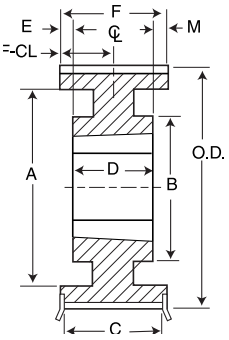

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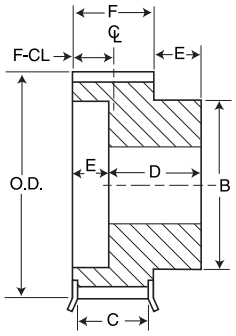


Type 6F

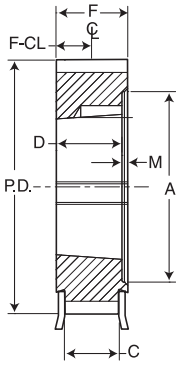
8mm Pitch — 21mm Wide Belt

No. of Teeth	Catalog Number	Bore	Pitch Diameter	Diameter O.D.	Diameter Max Flange O.D.	Type	Max Bore	Dimensions A	B	C	D	E	F	M	F-CL	Weight Approx. (lbs.)
MBP 8mm Pitch, 21mm (0.83 in.) Wide Belts (8M -21)																
22	PB8MX22S21	MPB	2.206	2.143	2.61	6F-1	1.188	-	1.79	0.92	1.65	0.45	1.2	-	0.60	1.3
25	PB8MX25S21	MPB	2.506	2.443	2.91	6F-1	1.5	-	2.08	0.92	1.65	0.45	1.2	-	0.60	1.8
28	PB8MX28S21	MPB	2.807	2.744	3.21	6F-1	1.75	-	2.34	0.92	1.65	0.45	1.2	-	0.60	2.3
30	PB8MX30S21	MPB	3.008	2.945	3.41	6F-1	1.813	-	2.54	0.92	1.77	0.57	1.2	-	0.60	2.8
32	PB8MX32S21	MPB	3.208	3.145	3.61	6F-1	2	-	2.73	0.92	1.77	0.57	1.2	-	0.60	3.2
Taper Bushed 8mm Pitch, 21mm (0.83 in.) Wide Belts (8M -21)																
22	8MX22S21-1008	1008	2.206	2.143	2.61	AF-1	1	1.63	-	0.92	0.88	-	1.2	-	0.60	0.6
25	8MX25S21-1108	1108	2.506	2.443	2.91	AF-1	1.125	1.92	-	0.92	0.88	-	1.2	-	0.60	0.8
26	8MX26S21-1108	1108	2.607	2.906	2.906	AF-1	1.125	1.85	-	0.92	0.88	-	1.2	-	0.60	0.8
27	8MX27S21-1108	1108	2.707	2.644	3.207	AF-1	1.125	1.95	-	0.92	0.88	-	1.2	-	0.60	1.0
28	8MX28S21-1108	1108	2.807	2.744	3.21	AF-1	1.125	2.18	-	0.92	0.88	-	1.2	-	0.60	1.1
29	8MX29S21-1108	1108	2.907	2.844	3.09	AF-1	1.125	2.15	-	0.92	0.88	-	1.2	-	0.60	1.4
30	8MX30S21-1108	1108	3.008	2.945	3.41	AF-1	1.125	2.38	-	0.92	0.88	-	1.2	-	0.60	1.5
31	8MX31S21-1210	1210	3.108	3.045	3.328	AF-1	1.25	2.35	-	0.92	1.00	-	1.2	-	0.60	1.6
32	8MX32S21-1210	1210	3.208	3.145	3.61	AF-1	1.25	2.58	-	0.92	1.00	-	1.2	-	0.60	3.0
33	8MX33S21-1610	1610	3.308	3.245	3.566	AF-1	1.625	2.66	-	0.92	1.00	-	1.2	-	0.60	1.4
34	8MX34S21-1610	1610	3.409	3.346	3.81	AF-1	1.625	2.66	-	0.92	1.00	-	1.2	-	0.60	1.9
35	8MX35S21-1610	1610	3.509	3.446	3.805	AF-1	1.625	2.75	-	0.92	1.00	-	1.2	-	0.60	1.5
36	8MX36S21-1610	1610	3.609	3.456	4.01	AF-1	1.625	2.96	-	0.92	1.00	-	1.2	-	0.60	1.6
37	8MX37S21-1610	1610	3.709	3.646	4.044	AF-1	1.625	2.95	-	0.92	1.00	-	1.2	-	0.60	1.7
38	8MX38S21-1610	1610	3.810	3.747	4.21	AF-1	1.625	3.15	-	0.92	1.00	-	1.2	-	0.60	1.9
39	8MX39S21-1610	1610	3.910	3.847	4.41	AF-1	1.625	3.14	-	0.92	1.00	-	1.2	-	0.60	2.0
40	8MX40S21-2012	2012	4.010	3.947	4.41	AF-1	2	-	-	0.97	1.25	-	1.25	-	0.63	2.0
41	8MX41S21-2012	2012	4.110	4.047	4.52	BF-1	2	-	3.4	1	1.25	-	1.20	-	0.60	2.2
42	8MX42S21-2012	2012	4.211	4.148	4.91	AF-1	2	-	-	0.97	1.25	-	1.25	-	0.63	2.4
45	8MX45S21-2012	2012	4.511	4.448	4.91	AF-1	2	-	-	0.97	1.25	-	1.25	-	0.63	3.0
48	8MX48S21-2012	2012	4.812	4.749	5.21	AF-1	2	-	-	0.97	1.25	-	1.25	-	0.63	3.4
50	8MX50S21-2012	2012	5.013	4.95	5.41	AF-1	2	-	-	0.97	1.25	-	1.25	-	0.63	4.2
53	8MX53S21-2012	2012	5.314	5.251	5.5	AF-1	2	-	-	0.97	1.25	-	1.25	-	0.63	5.0
56	8MX56S21-2012	2012	5.614	5.551	6.01	AF-1	2	-	-	0.97	1.25	-	1.25	-	0.63	4.9
60	8MX60S21-2012	2012	6.015	5.952	6.41	AF-1	2	-	-	0.97	1.25	-	1.25	-	0.63	6.9
63	8MX63S21-2012	2012	6.316	6.253	6.72	CF-1	2	5.71	3.76	0.92	1.25	-	1.20	0.05	0.60	7.7
67	8MX67S21-2517	2517	6.717	6.654	6.87	CF-1	2.5	6.14	4.5	0.92	1.75	-	1.20	0.55	0.60	5.7
71	8MX71S21-2517	2517	7.118	7.055	7.5	CF-1	2.5	6.51	4.5	0.92	1.75	-	1.20	0.55	0.60	6.1
75	8MX75S21-2517	2517	7.519	7.456	7.92	CF-1	2.5	6.9	4.5	0.92	1.75	-	1.20	0.55	0.60	9.2
80	8MX80S21-2517	2517	8.020	7.957	8.42	CF-1	2.5	7.23	4.5	0.92	1.75	-	1.20	0.55	0.60	7.5
90	8MX90S21-2517	2517	9.023	8.96	-	C-2	2.5	7.78	4.5	-	1.75	-	1.20	0.55	0.60	11.0
112	8MX112S21-2517	2517	11.229	11.166	-	C-2	2.5	10	4.5	-	1.75	-	1.20	0.55	0.60	19.4
140	8MX140S21-2517	2517	14.036	13.973	-	C-3	2.5	11.74	4.88	-	1.75	-	1.20	0.55	0.60	26.8
180	8MX180S21-3020	3020	18.046	17.893	-	C-3	3	15.49	6.25	-	2.00	-	1.20	0.80	0.60	36.6
224	8MX224S21-3020	3020	22.457	22.394	-	C-3	3	19.86	6.25	-	2.00	-	1.20	0.80	0.60	50.1

Type: 1- Solid 2 - Web 3 - Arms F=Flanged
NOTE: Weights for Minimum Plain Bore (MPB) Sprockets are with minimum bore. Weights for Bushed Sprockets less bushing. Dimensions in Inches. Weight in pounds.

MPC® Sprockets
8mm

Type A



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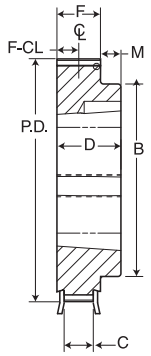

Type BF

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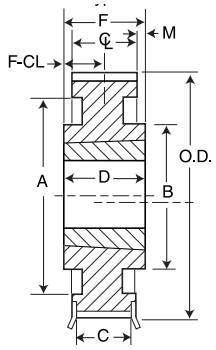
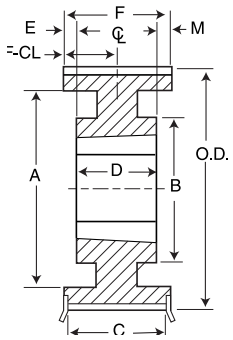


Type CF

Type D



Type DF

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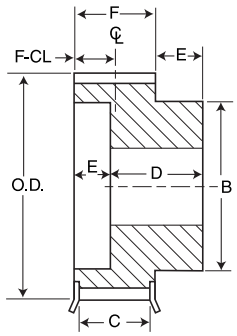


Type 6F

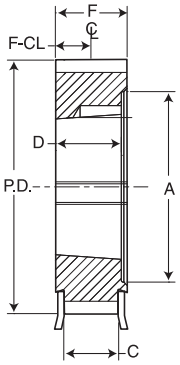
8mm Pitch — 36mm Wide Belt

No. of Teeth	Catalog Number	Bore	Pitch Diameter	Diameter O.D.	Diameter Max Flange O.D.	Type	Max Bore	Dimensions A	B	C	D	E	F	M	F-CL	Weight Approx. (lbs.)
MBP 8mm Pitch, 36mm (1.42 in.) Wide Belts (8M -36)																
22	PB8MX22S36	MPB	2.206	2.143	2.61	6F-1	1.188	-	1.79	1.58	2.44	.58	1.86	-	0.93	2.0
25	PB8MX25S36	MPB	2.506	2.443	2.91	6F-1	1.500	-	2.08	1.58	2.44	.58	1.86	-	0.93	2.7
28	PB8MX28S36	MPB	2.807	2.744	3.21	6F-1	1.750	-	2.34	1.58	2.44	.58	1.86	-	0.93	3.5
30	PB8MX30S36	MPB	3.008	2.945	3.41	6F-1	1.813	-	2.54	1.58	2.44	.58	1.86	-	0.93	4.1
32	PB8MX32S36	MPB	3.208	3.145	3.61	6F-1	2	-	2.73	1.58	2.44	.58	1.86	-	0.93	3.9
34	PB8MX34S36	MPB	3.409	3.346	3.81	6F-1	2.125	-	2.82	1.58	2.45	.59	1.86	-	0.93	4.3
36	PB8MX36S36	MPB	3.609	3.546	4.01	6F-1	2.313	-	3.13	1.58	2.51	.65	1.86	-	0.93	5.9
38	PB8MX38S36	MPB	3.81	3.747	4.21	6F-1	2.438	-	3.32	1.58	2.51	.65	1.86	-	0.93	6.7
Taper Bushed 8mm Pitch, 36mm (1.42 in.) Wide Belts (8M -36)																
32	8MX32S36-1210	1210	3.208	3.145	3.61	AF-1	1.250	2.58	-	1.58	1	-	1.83	0.83	0.93	2.0
33	8MX33S36-1610	1610	3.308	3.245	3.566	AF-1	1.625	2.56	-	1.66	1	-	1.83	0.83	0.93	1.7
34	8MX34S36-1610	1610	3.409	3.346	3.81	AF-1	1.625	2.66	-	1.58	1	-	1.83	0.83	0.93	1.8
35	8MX35S36-1610	1610	3.509	3.446	3.805	AF-1	1.625	2.76	-	1.66	1	-	1.83	0.83	0.93	2.0
36	8MX36S36-1610	1610	3.609	3.546	4.01	AF-1	1.625	2.96	-	1.58	1	-	1.83	0.83	0.93	2.7
37	8MX37S36-1610	1610	3.709	3.646	4.044	AF-1	1.625	2.9	-	1.66	1	-	1.83	0.83	0.93	2.1
38	8MX38S36-1610	1610	3.81	3.747	4.21	AF-1	1.625	3.15	-	1.58	1	-	1.83	0.83	0.93	2.9
39	8MX39S36-1610	1610	3.91	3.847	4.41	AF-1	1.625	3.1	-	1.58	1	-	1.83	0.83	0.93	2.4
40	8MX40S36-2012	2012	4.01	3.947	4.41	AF-1	2	3.35	-	1.58	1.25	-	1.83	0.58	0.93	2.5
41	8MX41S36-2012	2012	4.11	4.047	4.52	AF-1	2	3.36	-	1.58	1.25	-	1.83	0.58	0.93	2.4
42	8MX42S36-2012	2012	4.211	4.148	4.91	AF-1	2	3.62	-	1.58	1.25	-	1.83	0.58	0.93	2.8
45	8MX45S36-2012	2012	4.511	4.448	4.91	AF-1	2	3.62	-	1.58	1.25	-	1.83	0.58	0.93	4.0
48	8MX48S36-2012	2012	4.812	4.749	5.21	AF-1	2	4.14	-	1.58	1.25	-	1.83	0.58	0.93	4.3
50	8MX50S36-2012	2012	5.013	4.95	5.41	AF-1	2	4.13	-	1.58	1.25	-	1.83	0.58	0.93	5.1
53	8MX53S36-2012	2012	5.314	5.251	5.5	AF-1	2	4.76	-	1.58	1.25	-	1.83	0.58	0.93	6.0
56	8MX56S36-2012	2012	5.614	5.551	6.01	AF-1	2	4.92	-	1.58	1.25	-	1.83	0.58	0.93	6.5
60	8MX60S36-2517	2517	6.015	5.952	6.42	AF-1	2.5	5.13	-	1.58	1.75	-	1.83	0.58	0.93	8.9
63	8MX63S36-2517	2517	6.316	6.253	6.72	AF-1	2.5	5.71	-	1.58	1.75	-	1.83	0.08	0.93	9.3
67	8MX67S36-2517	2517	6.717	6.654	6.88	DF-1	2.5	5.98	4.25	1.58	1.75	-	1.83	0.08	0.93	10.0
71	8MX71S36-2517	2517	7.118	7.055	7.5	DF-1	2.5	6.39	4.25	1.58	1.75	-	1.83	0.08	0.93	7.0
75	8MX75S36-2517	2517	7.519	7.456	7.92	DF-1	2.5	6.79	4.25	1.58	1.75	-	1.83	0.08	0.93	13.3
80	8MX80S36-3020	3020	8.02	7.957	8.42	BF-1	3	-	5.75	1.58	2	-	1.83	0.08	0.93	15.3
90	8MX90S36-3020	3020	9.023	8.960	-	B-1	3	-	5.75	-	2	-	1.83	0.17	0.93	20.9
112	8MX112S36-3020	3020	11.229	11.166	-	C-2	3	9.8	5.75	-	2	-	1.83	0.17	0.93	22.0
140	8MX140S36-3020	3020	14.036	13.973	-	C-3	3	11.72	6.25	-	2	-	1.83	0.17	0.93	39.3
180	8MX180S36-3020	3020	18.046	17.983	-	C-3	3	15.31	6.25	-	2	-	1.83	0.17	0.93	48.9
224	8MX224S36-3525	3525	22.457	22.394	-	C-3	3.5	19.62	8.75	-	2.5	-	1.83	0.67	0.93	92.2

Type: 1- Solid 2 - Web 3 - Arms F=Flanged
NOTE: Weights for Minimum Plain Bore (MPB) Sprockets are with minimum bore.
Weights for Bushed Sprockets less bushing.
Dimensions in Inches. Weight in pounds.

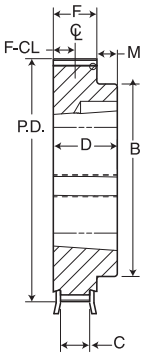
MPC® Sprockets 8mm

Type A



Type AF

Type B



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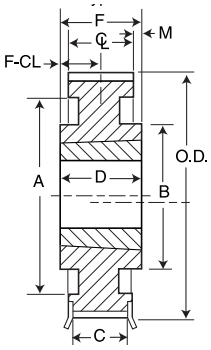
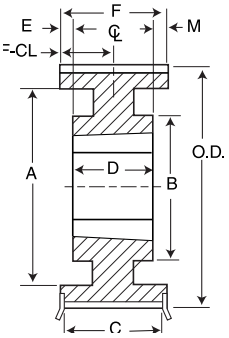
Type C



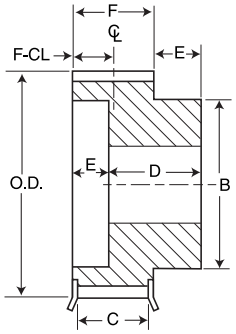
Type CF

Type D



Type DF

Type 6



Type 6F

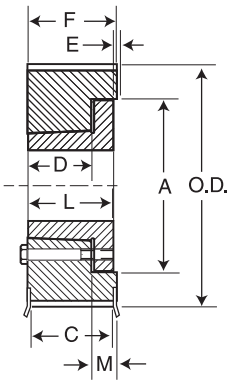
8mm Pitch — 62mm Wide Belt

No. of Teeth	Catalog Number	Bore	Pitch Diameter	Diameter O.D.	Diameter Max Flange O.D.	Type	Max Bore	Dimensions A	B	C	D	E	F	M	F-CL	Weight Approx. (lbs.)
MPB 8mm Pitch, 62 mm (2.44 in.) Wide Belts (8M - 62)																
22	PB8MX22S62	MPB	2.206	2.143	2.61	6F-1	1.188	-	1.79	2.63	3.56	0.68	2.88	-	1.46	2.4
25	PB8MX25S62	MPB	2.506	2.443	2.91	6F-1	1.5	-	2.08	2.63	3.56	0.68	2.88	-	1.46	3.6
28	PB8MX28S62	MPB	2.807	2.744	3.21	6F-1	1.75	-	2.34	2.63	3.56	0.68	2.88	-	1.46	4.6
30	PB8MX30S62	MPB	3.008	2.945	3.41	6F-1	1.813	-	2.54	2.63	3.5	0.62	2.88	-	1.46	5.3
32	PB8MX32S62	MPB	3.208	3.145	3.61	6F-1	2	-	2.73	2.63	3.5	0.62	2.88	-	1.46	5.6
34	PB8MX34S62	MPB	3.409	3.346	3.81	6F-1	2.125	-	2.82	2.63	3.5	0.62	2.88	-	1.46	5.7
36	PB8MX36S62	MPB	3.609	3.546	4.01	6F-1	2.313	-	3.13	2.63	3.56	0.68	2.88	-	1.46	8.0
38	PB8MX38S62	MPB	3.812	3.747	4.21	6F-1	2.438	-	3.32	2.63	3.56	0.68	2.88	-	1.46	9.1
40	PB8MX40S62	MPB	4.010	3.947	4.41	6F-1	2.563	-	3.52	2.63	3.63	0.75	2.88	-	1.46	10.3
42	PB8MX42S62	MPB	4.211	4.148	4.91	6F-1	2.75	-	3.79	2.63	3.63	0.75	2.88	-	1.46	11.6
45	PB8MX45S62	MPB	4.511	4.448	4.91	6F-1	2.75	-	3.79	2.63	3.63	0.75	2.88	-	1.46	13.1
Taper Bushed 8mm Pitch, 62mm (2.44 in.) Wide Belts (8M - 62)																
34	8MX34S62-1610	1610	3.409	3.346	3.81	AF-1	1.625	2.66	-	2.63	1	-	2.88	-	1.46	5.0
36	8MX36S62-1610	1610	3.609	3.546	4.01	AF-1	1.625	2.96	-	2.63	1	-	2.88	-	1.46	5.3
38	8MX38S62-1610	1610	3.812	3.747	4.21	AF-1	1.625	3.15	-	2.63	1	-	2.88	-	1.46	5.6
40	8MX40S62-2012	2012	4.010	3.947	4.41	AF-1	2	3.35	-	2.63	1.25	-	2.88	-	1.46	5.9
42	8MX42S62-2012	2012	4.211	4.148	4.91	AF-1	2	3.62	-	2.63	1.25	-	2.88	-	1.46	3.5
45	8MX45S62-2012	2012	4.511	4.448	4.91	AF-1	2	3.62	-	2.63	1.25	-	2.88	-	1.46	6.5
48	8MX48S62-2517	2517	4.812	4.749	5.21	AF-1	2.5	4.14	-	2.63	1.75	-	2.88	-	1.46	6.6
50	8MX50S62-2517	2517	5.013	4.95	5.41	AF-1	2.5	4.13	-	2.63	1.75	-	2.88	-	1.46	6.7
53	8MX53S62-2517	2517	5.314	5.251	5.5	AF-1	2.5	4.76	-	2.63	1.75	-	2.88	-	1.46	6.9
56	8MX56S62-2517	2517	5.614	5.551	6.01	AF-1	2.5	4.92	-	2.63	1.75	-	2.88	-	1.46	7.2
60	8MX60S62-3020	3020	6.015	5.952	6.42	AF-1	3	5.13	-	2.63	2	-	2.88	-	1.46	8.9
63	8MX63S62-3020	3020	6.316	6.253	6.72	AF-1	3	5.71	-	2.63	2	-	2.88	-	1.46	10.3
67	8MX67S62-3020	3020	6.717	6.654	6.88	AF-1	3	6.14	-	2.63	2	-	2.88	-	1.46	11.0
71	8MX71S62-3020	3020	7.118	7.055	7.5	AF-1	3	6.51	-	2.63	2	-	2.88	-	1.46	13.5
75	8MX75S62-3020	3020	7.519	7.456	7.92	AF-1	3	6.90	-	2.63	2	-	2.88	-	1.46	15.4
80	8MX80S62-3020	3020	8.020	7.957	8.42	AF-1	3	7.23	-	2.63	2	-	2.88	-	1.46	23.0
90	8MX90S62-3020	3020	9.023	8.96	-	D-1	3	7.39	5.42	-	2	-	2.88	0.91	1.46	32.7
112	8MX112S62-3020	3020	11.229	11.166	-	D-2	3	9.60	5.42	-	2	-	2.88	0.91	1.46	38.9
140	8MX140S62-3525	3525	14.036	13.973	-	D-2	3.5	12.40	8.75	-	2.5	-	2.88	0.41	1.46	54.5
180	8MX180S62-3525	3525	18.046	17.983	-	D-3	3.5	15.33	8.75	-	2.5	-	2.88	0.41	1.46	90.0
224	8MX224S62-3525	3525	22.457	22.394	-	D-3	3.5	19.38	8.75	-	2.5	-	2.88	0.41	1.46	92.3

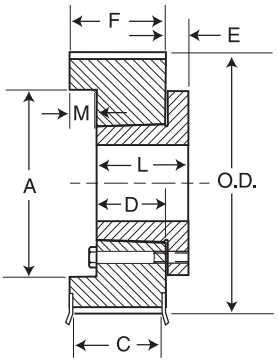
Type: 1- Solid 2 - Web 3 - Arms F=Flanged
NOTE: Weights for Minimum Plain Bore (MPB) Sprockets are with minimum bore.
Weights for Bushed Sprockets less bushing.
Dimensions in Inches. Weight in pounds.

MPC® Sprockets 8mm
Air Cool Heat Exchange

Type A



Type B



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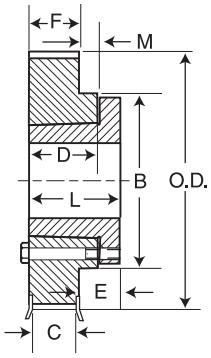

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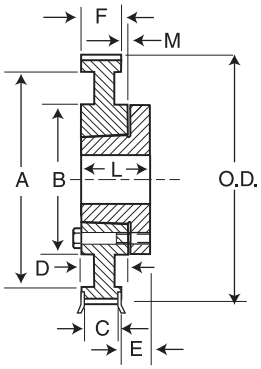

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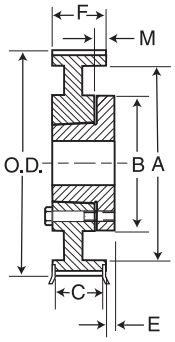

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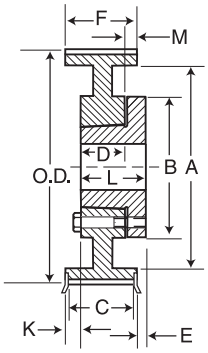

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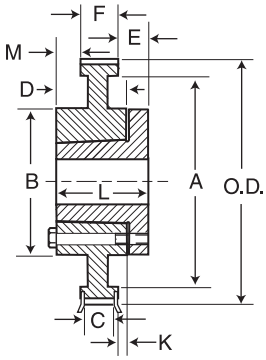
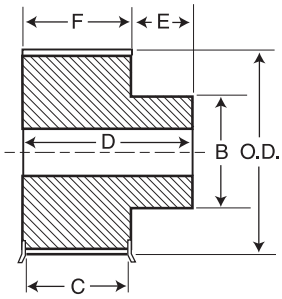


Type 6



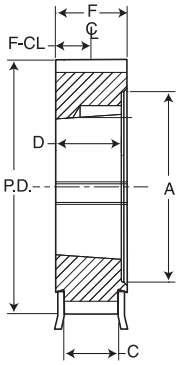
8mm Pitch — 21mm Wide Air Cool Heat Exchange Belt

No. of Teeth	Catalog Number	Bore	Pitch Diameter	Diameter		Type	Max Bore	Dimensions									Weight Approx. (lbs.)
				O.D.	Max Flange O.D.			A	B	C	D	E	F	L	M	F-CL	
QD Bushed 8mm Pitch, 21mm (0.93 in.) Wide Belt (8M-21)																	
36	F8MX36S21-SH	SH	3.609	3.546	4.009	AF-1	1.688	2.85	-	0.92	0.81	0.39	1.2	1.94	0.39	0.6	2.1
38	F8MX38S21-SH	SH	3.81	3.747	4.21	AF-1	1.688	3.04	-	0.92	-	0.39	1.2	1.94	0.39	0.6	2.1
40	F8MX40S21-SH	SH	4.01	3.947	4.41	AF-1	1.688	3.24	-	0.92	-	0.39	1.2	1.94	0.39	0.6	2.3
42	F8MX42S21-SH	SH	4.211	4.148	4.911	AF-1	1.688	3.44	-	0.92	-	0.39	1.2	1.94	0.39	0.6	2.5
140	F8MX140S21-SF	SF	14.036	13.973	-	C-2	2.938	13.17	6.38	-	1.25	0.39	1.2	2.06	0.05	0.6	25.0
168	F8MX168S21-SF	SF	16.843	16.78	-	C-3	2.938	15.95	6.38	-	1.25	0.39	1.2	2.06	0.05	0.6	33.8
180	F8MX180S21-SF	SF	18.046	17.983	-	C-3	2.938	17.14	6.38	-	1.25	0.39	1.2	2.06	0.03	0.6	36.6
224	F8MX224S21-E	E	22.457	22.394	-	C-3	3.5	21.51	7.50	-	1.25	0.39	1.2	2.75	0.43	0.6	50.1

Type: 1- Solid 2 - Web 3 - Arms F=Flanged
NOTE: Weights for Minimum Plain Bore (MPB) Sprockets are with minimum bore.
Weights for Bushed Sprockets less bushing.
Dimensions in Inches. Weight in pounds.

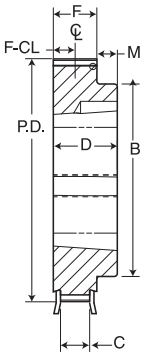
MPC® Sprockets 14mm

Type A



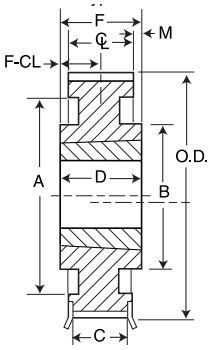
Type AF

Type B



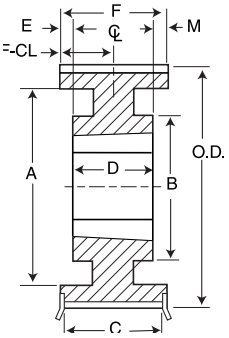
Type BF

Type C



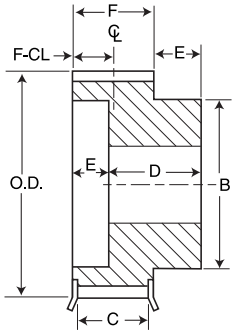
Type CF

Type D



Type DF

Type 6



Type 6F

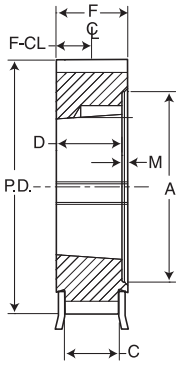
14mm Pitch — 20mm Wide Belt

No. of Teeth	Catalog Number	Bore	Pitch Diameter	Diameter O.D.	Diameter Max Flange O.D.	Type	Max Bore	Dimensions A	B	C	D	E	F	M	F-CL	Weight Approx. (lbs.)
Tapered Bushed 14mm Pitch, 20mm (.826 in.) Wide Belt (14M- 20)																
28	14MX28S20-2012	2012	4.912	4.802	5.4	A1-F	2	3.61	-	1.04	1.25	-	1.36	.11	0.68	3.9
29	14MX29S20-2012	2012	5.188	4.978	5.76	A1-F	2	3.99	-	1.04	1.25	-	1.36	.11	0.68	4.5
30	14MX30S20-2012	2012	5.263	5.153	5.76	A1-F	2	3.99	-	1.04	1.25	-	1.36	.11	0.68	4.8
31	14MX31S20-2012	2012	5.439	5.329	6.11	A1-F	2	4.22	-	1.04	1.25	-	1.36	.11	0.68	5.5
32	14MX32S20-2012	2012	5.614	5.504	6.11	A1-F	2	4.22	-	1.04	1.25	-	1.36	.11	0.68	5.9
33	14MX33S20-2012	2012	5.790	5.680	6.46	A1-F	2	4.53	-	1.04	1.25	-	1.36	.11	0.68	6.3
34	14MX34S20-2012	2012	5.965	5.855	6.46	A1-F	2	4.53	-	1.04	1.25	-	1.36	.11	0.68	6.9
35	14MX35S20-2012	2012	6.141	6.031	6.82	A1-F	2	4.95	-	1.04	1.25	-	1.36	.11	0.68	7.3
36	14MX36S20-2517	2517	6.316	6.206	6.82	BF-1	2.5	-	4.25	1.04	1.75	-	1.36	.39	0.68	7.6
37	14MX37S20-2517	2517	6.492	6.382	7.17	BF-1	2.5	-	4.25	1.04	1.75	-	1.36	.39	0.68	8.2
38	14MX38S20-2517	2517	6.667	6.557	7.17	BF-1	2.5	-	4.25	1.04	1.75	-	1.36	.39	0.68	8.9
39	14MX39S20-2517	2517	6.842	6.732	7.52	BF-1	2.5	-	4.25	1.04	1.75	-	1.36	.39	0.68	9.8
40	14MX40S20-2517	2517	7.018	6.908	7.52	BF-1	2.5	-	4.25	1.04	1.75	-	1.36	.39	0.68	10.1
43	14MX43S20-2517	2517	7.544	7.434	8.04	BF-1	2.5	-	4.25	1.04	1.75	-	1.36	.39	0.68	11.7
45	14MX45S20-3020	3020	7.895	7.785	8.4	BF-1	3	-	5.41	1.04	2	-	1.36	.64	0.68	13.5
48	14MX48S20-3020	3020	8.421	8.311	8.94	BF-1	3	-	5.75	1.04	2	-	1.36	.64	0.68	16.4
50	14MX50S20-3020	3020	8.772	8.662	9.29	BF-1	3	-	5.75	1.04	2	-	1.36	.64	0.68	18.3
53	14MX53S20-3020	3020	9.299	9.189	9.69	BF-1	3	-	5.75	1.04	2	-	1.36	.64	0.68	20.5
56	14MX56S20-3525	3525	9.825	9.715	10.36	BF-1	3.5	-	8.7	1.04	2.5	-	1.36	1.14	0.68	23.2
60	14MX60S20-3525	3525	10.527	10.417	11.07	BF-1	3.5	-	8.75	1.04	2.5	-	1.36	1.14	0.68	27.5
63	14MX63S20-3525	3525	11.053	10.943	11.59	BF-1	3.5	-	8.75	1.04	2.5	-	1.36	1.14	0.68	30.2
67	14MX67S20-3525	3525	11.755	11.645	12.5	BF-1	3.5	-	8.75	1.04	2.5	-	1.36	1.14	0.68	31.3
71	14MX71S20-3525	3525	12.457	12.347	13.07	CF-1	3.5	11.05	8.75	1.04	2.5	-	1.36	1.14	0.68	32.5
75	14MX75S20-3525	3525	13.158	13.048	13.73	CF-1	3.5	11.68	8.75	1.04	2.5	-	1.36	1.14	0.68	36.2
80	14MX80S20-3525	3525	14.036	13.926	14.62	CF-2	3.5	12.56	8.75	1.04	2.5	-	1.36	1.14	0.68	35.4
90	14MX90S20-3525	3525	15.790	15.680	-	C-2	3.5	14.26	8.75	-	2.5	-	1.36	1.14	0.68	41.3
112	14MX112S20-3525	3525	19.650	19.540	-	C-3	3.5	16.47	8.75	-	2.5	-	1.36	1.14	0.68	59.6
140	14MX140S20-3525	3525	24.562	24.452	-	C-3	3.5	21.04	8.75	-	2.5	-	1.36	1.14	0.68	102.0
168	14MX168S20-3525	3525	29.475	29.365	-	C-3	3.5	25.90	8.75	-	2.5	-	1.36	1.14	0.68	99.5
180	14MX180S20-3525	3525	31.580	31.47	-	C-3	3.5	27.99	8.75	-	2.5	-	1.36	1.14	0.68	135.0
200	14MX200S20-3525	3525	35.089	24.979	-	C-3	3.5	31.46	8.75	-	2.5	-	1.36	1.14	0.68	156.0
224	14MX224S20-4030	4030	39.300	39.190	-	C-3	4	35.63	10	-	3	-	1.36	1.64	0.68	150.2

Type: 1- Solid 2 - Web 3 - Arms F=Flanged
NOTE: Weights for Minimum Plain Bore (MPB) Sprockets are with minimum bore.
Weights for Bushed Sprockets less bushing.
Dimensions in Inches. Weight in pounds.

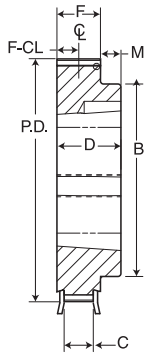
MPC® Sprockets
14mm

Type A



Type AF

Type B



Type BF

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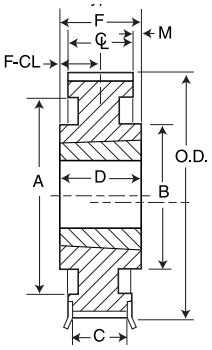

Type CF

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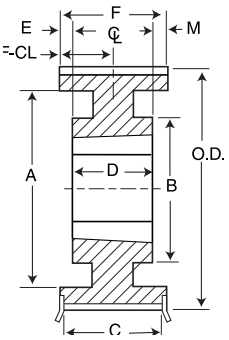
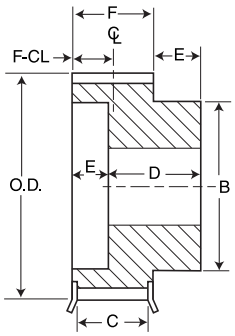


Type DF

Type 6



Type 6F

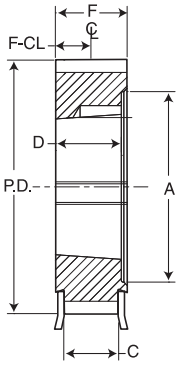
14mm Pitch —37mm Wide Belt

No. of Teeth	Catalog Number	Bore	Pitch Diameter	Diameter O.D.	Diameter Max Flange O.D.	Type	Max Bore	Dimensions A	B	C	D	E	F	M	F-CL	Weight Approx. (lbs.)
MPB 14mm Pitch, 37mm (1.46 in.) Wide Belt (14M-37)																
28	PB14MX28S37	MPB	4.912	4.802	5.4	6F-1	2.938	-	3.97	1.74	2.86	0.8	2.06	-	1.03	11.7
Taper Bushed 14mm Pitch, 37mm (1.46 in.) Wide Belt (14M-37)																
28	14MX28S37-2012	2012	4.912	4.802	5.4	AF-1	2	3.61	-	1.74	1.25	-	2.06	0.81	1.03	4.2
29	14MX29S37-2517	2517	5.088	4.978	5.76	AF-1	2.5	3.99	-	1.74	1.75	-	2.06	0.31	1.03	4.7
30	14MX30S37-2517	2517	5.263	5.153	5.76	AF-1	2.5	3.99	-	1.74	1.75	-	2.06	0.31	1.03	5.0
31	14MX31S37-2517	2517	5.439	5.329	6.11	AF-1	2.5	4.22	-	1.74	1.75	-	2.06	0.31	1.03	6.0
32	14MX32S37-2517	2517	5.614	5.54	6.11	AF-1	2.5	4.22	-	1.74	1.75	-	2.06	0.31	1.03	7.2
33	14MX33S37-2517	2517	5.79	5.68	6.46	AF-1	2.5	4.53	-	1.74	1.75	-	2.06	0.31	1.03	7.5
34	14MX34S37-2517	2517	5.965	5.855	6.46	AF-1	2.5	4.53	-	1.74	1.75	-	2.06	0.31	1.03	7.8
35	14MX35S37-2517	2517	6.141	6.031	6.82	AF-1	2.5	4.95	-	1.74	1.75	-	2.06	0.31	1.03	8.3
36	14MX36S37-2517	2517	6.316	6.206	6.82	AF-1	2.5	4.95	-	1.74	1.75	-	2.06	0.31	1.03	8.8
37	14MX37S37-2517	2517	6.492	6.382	7.17	AF-1	2.5	5.27	-	1.74	1.75	-	2.06	0.31	1.03	9.3
38	14MX38S37-3020	3020	6.667	6.557	7.17	AF-1	3	5.27	-	1.74	2	-	2.06	0.06	1.03	10.8
39	14MX39S37-3020	3020	6.842	6.732	7.52	AF-1	3	5.54	-	1.74	2	-	2.06	0.06	1.03	11.9
40	14MX40S37-3020	3020	7.018	6.908	7.52	AF-1	3	5.54	-	1.74	2	-	2.06	0.06	1.03	12.2
43	14MX43S37-3020	3020	7.544	7.434	8.04	AF-1	3	6.16	-	1.74	2	-	2.06	0.06	1.03	12.5
45	14MX45S37-3020	3020	7.895	7.785	8.4	AF-1	3	6.42	-	1.74	2	-	2.06	0.06	1.03	15.8
48	14MX48S37-3020	3020	8.421	8.311	8.94	AF-1	3	6.96	-	1.74	2	-	2.06	0.06	1.03	18.7
50	14MX50S37-3020	3020	8.772	8.662	9.29	AF-1	3	7.44	-	1.74	2	-	2.06	0.06	1.03	21.1
53	14MX53S37-3020	3020	9.299	9.189	9.69	AF-1	3	7.84	-	1.74	2	-	2.06	0.06	1.03	24.7
56	14MX56S37-3525	3525	9.825	9.715	10.36	BF-1	3.5	-	8.70	1.74	2.5	-	2.06	0.44	1.03	28.2
60	14MX60S37-3525	3525	10.527	10.417	11.07	BF-1	3.5	-	8.75	1.74	2.5	-	2.06	0.44	1.03	32.2
63	14MX63S37-3525	3525	11.053	10.943	11.59	BF-1	3.5	-	8.75	1.74	2.5	-	2.06	0.44	1.03	42.8
67	14MX67S37-3525	3525	11.755	11.645	12.5	BF-1	3.5	-	8.75	1.74	2.5	-	2.06	0.44	1.03	43.5
71	14MX71S37-3525	3525	12.457	12.347	13.07	BF-1	3.5	-	8.75	1.74	2.5	-	2.06	0.44	1.03	44.1
75	14MX75S37-3525	3525	13.158	13.048	13.73	CF-1	3.5	11.68	8.75	1.74	2.5	-	2.06	0.44	1.03	45.5
80	14MX80S37-3525	3525	14.036	13.926	14.62	CF-2	3.5	12.56	8.75	1.74	2.5	-	2.06	0.44	1.03	48.7
90	14MX90S37-3525	3525	15.79	15.68	-	C-2	3.5	14.26	8.75	-	2.5	-	2.06	0.44	1.03	53.3
112	14MX112S37-3525	3525	19.65	19.54	-	C-3	3.5	16.39	8.75	-	2.5	-	2.06	0.44	1.03	87.0
126	14MX126S37-3525	3525	22.106	21.996	-	C-3	3.5	20.56	8.75	-	2.5	-	2.06	0.44	1.03	76.3
180	14MX180S37-4030	4030	31.58	31.47	-	C-3	4	27.59	10	-	3	-	2.06	0.94	1.03	191.4
200	14MX200S37-4030	4030	35.089	34.979	-	C-3	4	31.07	10	-	3	-	2.06	0.94	1.03	224.8
224	14MX224S37-4030	4030	39.30	39.19	-	C-3	4	35.24	10	-	3	-	2.06	0.94	1.03	267.7

Type: 1- Solid 2 - Web 3 - Arms F=Flanged
NOTE: Weights for Minimum Plain Bore (MPB) Sprockets are with minimum bore.
Weights for Bushed Sprockets less bushing.
Dimensions in Inches. Weight in pounds.

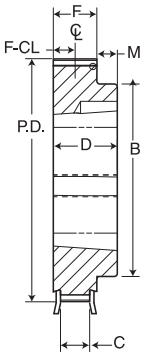
MPC® Sprockets 14mm

Type A



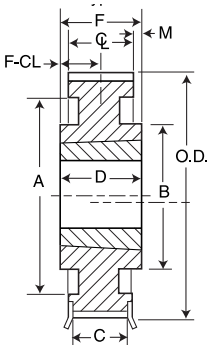
Type AF

Type B



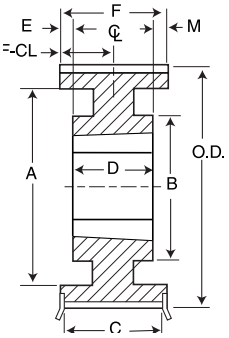
Type BF

Type C



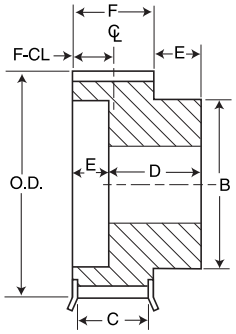
Type CF

Type D



Type DF

Type 6



Type 6F

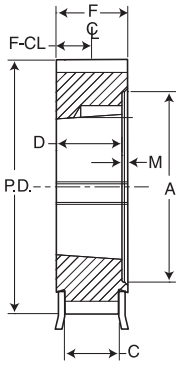
14mm Pitch — 68mm Wide Belt

No. of Teeth	Catalog Number	Bore	Pitch Diameter	Diameter O.D.	Diameter Max Flange O.D.	Type	Max Bore	Dimensions A	B	C	D	E	F	M	F-CL	Weight Approx. (lbs.)
MPB 14mm Pitch, 68mm (2.68 in.) Wide Belt (14M-68)																
28	PB14MX28S68	MPB	4.912	4.802	5.4	6F-1	2.938	-	3.97	3.01	4.13	0.81	3.322	-	1.66	17.0
29	PB14MX29S68	MPB	5.088	4.978	5.76	6F-1	3.188	-	4.35	3.01	4.13	0.81	3.322	-	1.66	19.0
30	PB14MX30S68	MPB	5.263	5.153	5.76	6F-1	3.188	-	4.35	3.01	4.13	0.81	3.322	-	1.66	20.0
31	PB14MX31S68	MPB	5.439	5.329	6.11	6F-1	3.438	-	4.57	3.01	4.13	0.81	3.322	-	1.66	16.8
32	PB14MX32S68	MPB	5.614	5.504	6.11	6F-1	3.438	-	4.57	3.01	4.13	0.81	3.322	-	1.66	18.0
33	PB14MX33S68	MPB	5.79	5.68	6.47	6F-1	3.5	-	4.89	3.01	4.33	1.01	3.322	-	1.66	26.0
34	PB14MX34S68	MPB	5.965	5.855	6.47	6F-1	3.5	-	4.89	3.01	4.33	1.01	3.322	-	1.66	21.1
Taper Bushed 14mm Pitch, 68mm (2.68 in.) Wide Belt (14M-68)																
29	14MX29S68-2517	2517	5.088	4.978	5.76	AF-1	2.5	3.99	-	3.01	1.75	-	3.322	-	1.66	14.7
30	14MX30S68-2517	2517	5.263	5.153	5.76	AF-1	2.5	3.99	-	3.01	1.75	-	3.322	-	1.66	14.0
31	14MX31S68-2517	2517	5.439	5.329	6.11	AF-1	2.5	4.22	-	3.01	1.75	-	3.322	-	1.66	14.3
32	14MX32S68-2517	2517	5.614	5.504	6.11	AF-1	2.5	4.22	-	3.01	1.75	-	3.322	-	1.66	14.6
33	14MX33S68-2517	2517	5.79	5.68	6.46	AF-1	2.5	4.53	-	3.01	1.75	-	3.322	-	1.66	14.9
34	14MX34S68-2517	2517	5.965	5.855	6.46	AF-1	2.5	4.53	-	3.01	1.75	-	3.322	-	1.66	15.2
35	14MX35S68-3020	3020	6.141	6.031	6.82	AF-1	3	4.95	-	3.01	2	-	3.322	-	1.66	15.5
36	14MX36S68-3020	3020	6.316	6.206	6.82	AF-1	3	4.95	-	3.01	2	-	3.322	-	1.66	15.8
37	14MX37S68-3020	3020	6.492	6.382	7.17	AF-1	3	5.27	-	3.01	2	-	3.322	-	1.66	16.1
38	14MX38S68-3020	3020	6.667	6.557	7.17	AF-1	3	5.27	-	3.01	2	-	3.322	-	1.66	16.4
39	14MX39S68-3020	3020	6.842	6.732	7.52	AF-1	3	5.54	-	3.01	2	-	3.322	-	1.66	16.7
40	14MX40S68-3020	3020	7.018	6.908	7.52	AF-1	3	5.54	-	3.01	2	-	3.322	-	1.66	17.0
43	14MX43S68-3020	3020	7.544	7.434	8.04	AF-1	3	6.16	-	3.01	2	-	3.322	-	1.66	17.2
45	14MX45S68-3020	3020	7.895	7.785	8.39	AF-1	3	6.42	-	3.01	2	-	3.322	-	1.66	20.4
48	14MX48S68-3525	3525	8.421	8.311	8.94	AF-1	3.5	6.96	-	3.01	2.5	-	3.322	-	1.66	24.6
50	14MX50S68-3525	3525	8.772	8.662	9.29	AF-1	3.5	7.44	-	3.01	2.5	-	3.322	-	1.66	29.4
53	14MX53S68-3525	3525	9.299	9.189	9.69	AF-1	3.5	7.84	-	3.01	2.5	-	3.322	-	1.66	35.7
56	14MX56S68-3525	3525	9.825	9.715	10.36	AF-1	3.5	8.35	-	3.01	2.5	-	3.322	-	1.66	39.9
60	14MX60S68-3525	3525	10.527	10.417	11.07	AF-1	3.5	9.06	-	3.01	2.5	-	3.322	-	1.66	50.6
63	14MX63S68-3525	3525	11.053	10.943	11.59	AF-1	3.5	9.59	-	3.01	2.5	-	3.322	-	1.66	58.0
67	14MX67S68-3525	3525	11.755	11.645	12.5	DF-1	3.5	10.36	8.75	3.01	2.5	-	3.322	0.82	1.66	60.0
71	14MX71S68-3525	3525	12.457	12.347	13.07	DF-1	3.5	11.05	8.75	3.01	2.5	-	3.322	0.82	1.66	63.3
75	14MX75S68-3525	3525	13.158	13.048	13.73	DF-1	3.5	11.68	8.75	3.01	2.5	-	3.322	0.82	1.66	68.6
80	14MX80S68-3525	3525	14.036	13.926	14.62	DF-2	3.5	12.56	8.75	3.01	2.5	-	3.322	0.82	1.66	76.3
90	14MX90S68-4030	4030	15.79	15.68	-	D-2	4	14.26	10	-	3	-	3.322	0.32	1.66	82.6
112	14MX112S68-4030	4030	19.65	19.54	-	D-3	4	16.35	10	-	3	-	3.322	0.32	1.66	100.4
140	14MX140S68-4030	4030	24.562	24.452	-	D-3	4.5	20.78	10	-	3	-	3.322	0.32	1.66	190.0
168	14MX168S68-4535	4535	29.475	29.365	-	C-3	4.5	25.23	10.5	-	3.5	-	3.322	0.18	1.66	239.1
180	14MX180S68-4335	4535	31.58	31.47	-	C-3	4.5	27.16	10.5	-	3.5	-	3.322	0.18	1.66	250.6
200	14MX200568-4535	4535	35.089	34.979	-	C-3	4.5	30.65	10.5	-	3.5	-	3.322	0.18	1.66	262.5
224	14MX224S68-5040	5040	39.3	39.19	-	C-3	5	34.82	11	-	4	-	3.322	0.68	1.66	350.0

-Type: 1- Solid 2 - Web 3 - Arms F=Flanged
-NOTE: Weights for Minimum Plain Bore (MPB) Sprockets are with minimum bore. Weights for Bushed Sprockets less bushing. Dimensions in Inches. Weight in pounds.

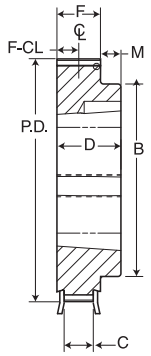
MPC® Sprockets
14mm

Type A



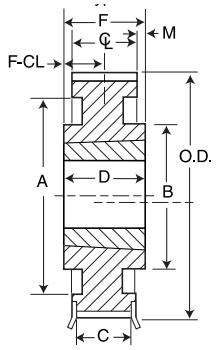
Type AF

Type B



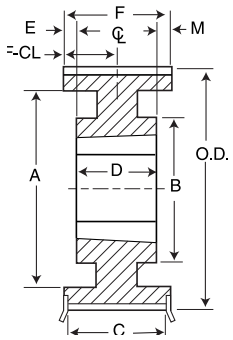
Type BF

Type C



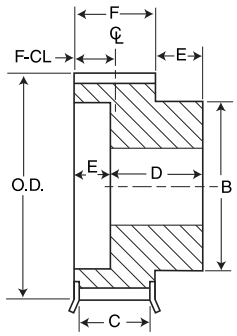
Type CF

Type D



Type DF

Type 6



Type 6F

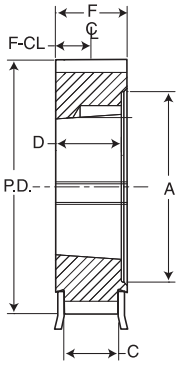
14mm Pitch — 90mm Wide Belt

No. of Teeth	Catalog Number	Bore	Pitch Diameter	Diameter O.D.	Diameter Max Flange O.D.	Type	Max Bore	Dimensions A	B	C	D	E	F	M	F-CL	Weight Approx. (lbs.)
MPB 14mm Pitch, 90mm (3.54 in.) Wide Belt (14M-90)																
28	PB14MX28S90	MPB	4.912	4.802	5.4	6F-1	2.938	-	3.97	3.88	5.14	0.95	4.192	-	2.1	20.0
29	PB14MX29S90	MPB	5.088	4.978	5.76	6F-1	3.188	-	4.35	3.88	5	0.81	4.192	-	2.1	22.1
30	PB14MX30S90	MPB	5.263	5.153	5.76	6F-1	3.188	-	4.35	3.88	5	0.81	4.192	-	2.1	24.0
31	PB14MX31S90	MPB	5.439	5.329	6.11	6F-1	3.438	-	4.57	3.88	5	0.81	4.192	-	2.1	21.8
32	PB14MX32S90	MPB	5.614	5.504	6.11	6F-1	3.438	-	4.57	3.88	5	0.81	4.192	-	2.1	27.0
33	PB14MX33S90	MPB	5.79	5.68	6.47	6F-1	3.5	-	4.89	3.88	5.2	1.01	4.192	-	2.1	30.0
34	PB14MX34S90	MPB	5.965	5.855	6.47	6F-1	3.5	-	4.89	3.88	5.2	1.01	4.192	-	2.1	27.2
35	PB14MX35S90	MPB	6.141	6.031	6.82	6F-1	3.813	-	5.30	3.88	5.2	1.01	4.192	-	2.1	28.7
36	PB14MX36S90	MPB	6.316	6.26	6.82	6F-1	3.813	-	5.30	3.88	5.2	1.01	4.192	-	2.1	30.3
37	PB14MX37S90	MPB	6.492	6.382	7.17	6F-1	4.125	-	5.63	3.88	5.2	1.01	4.192	-	2.1	32.1
38	PB14MX38S90	MPB	6.667	6.557	7.17	6F-1	4.125	-	5.63	3.88	5.2	1.01	4.192	-	2.1	33.9
39	PB14MX39S90	MPB	6.842	6.732	7.5	6F-1	4.375	-	5.89	3.88	5.2	1.01	4.192	-	2.1	35.8
40	PB14MX40S90	MPB	7.018	6.908	7.52	6F-1	4.375	-	5.89	3.88	5.2	1.01	4.192	-	2.1	37.7
Taper Bushed 14mm Pitch, 90mm (3.54 in.) Wide Belt (14M-90)																
35	14MX35S90-3020	3020	6.141	6.031	6.82	AF-1	3	4.95	-	3.88	2	-	4.192	2.19	2.1	22.9
36	14MX36S90-3020	3020	6.316	6.26	6.82	AF-1	3	4.95	-	3.88	2	-	4.192	2.19	2.1	23.1
37	14MX37S90-3020	3020	6.492	6.382	7.17	AF-1	3	5.27	-	3.88	2	-	4.192	2.19	2.1	23.4
38	14MX38S90-3020	3020	6.667	6.557	7.17	AF-1	3	5.27	-	3.88	2	-	4.192	2.19	2.1	23.7
39	14MX39S90-3020	3020	6.842	6.732	7.52	AF-1	3	5.54	-	3.88	2	-	4.192	2.19	2.1	24.0
40	14MX40S90-3020	3020	7.018	6.908	7.52	AF-1	3	5.54	-	3.88	2	-	4.192	2.19	2.1	24.3
43	14MX43S90-3525	3525	7.544	7.434	8.04	AF-1	3.5	6.16	-	3.88	2.5	-	4.192	1.69	2.1	24.7
45	14MX45S90-3525	3525	7.895	7.785	8.39	AF-1	3.5	6.42	-	3.88	2.5	-	4.192	1.69	2.1	27.3
48	14MX48S90-3525	3525	8.421	8.311	8.94	AF-1	3.5	6.96	-	3.88	2.5	-	4.192	1.69	2.1	33.4
50	14MX50S90-3525	3525	8.772	8.662	9.29	AF-1	3.5	7.44	-	3.88	2.5	-	4.192	1.69	2.1	29.3
53	14MX53S90-3525	3525	9.299	9.189	9.69	AF-1	3.5	7.83	-	3.88	2.5	-	4.192	1.69	2.1	46.8
56	14MX56S90-4030	4030	9.825	9.715	10.36	AF-1	4	8.35	-	3.88	3	-	4.192	1.69	2.1	42.1
60	14MX60S90-4030	4030	10.527	10.417	11.07	AF-1	4	9.06	-	3.88	3	-	4.192	1.69	2.1	50.5
63	14MX63S90-4030	4030	11.053	10.943	11.59	AF-1	4	9.59	-	3.88	3	-	4.192	1.69	2.1	64.6
67	14MX67S90-4030	4030	11.755	11.645	12.5	AF-1	4	9.88	-	3.88	3	-	4.192	1.69	2.1	70.0
71	14MX71S90-4030	4030	12.457	12.347	13.07	AF-1	4	10.67	-	3.88	3	-	4.192	1.69	2.1	86.7
75	14MX75S90-4030	4030	13.158	13.048	13.73	AF-1	4	11.63	-	3.88	3	-	4.192	1.69	2.1	85.0
80	14MX80S90-4030	4030	14.036	13.926	14.62	DF-1	4	12.56	10	3.88	3	-	4.192	1.69	2.1	88.0
90	14MX90S90-4030	4030	15.79	15.68	-	D-2	4	14.26	10	-	3	-	4.192	1.69	2.1	89.0
112	14MX112S90-4535	4535	19.65	19.54	-	D-2	4.5	16.35	10.5	-	3.5	-	4.192	0.69	2.1	197.9
140	14MX140S90-5040	5040	24.562	24.452	-	D-3	5	20.74	11	-	4	-	4.192	0.19	2.1	240.0
168	14MX168S90-6050	6050	29.475	29.365	-	C-3	6	25.11	15.5	-	5	-	4.192	0.81	2.1	327.3
180	14MX180S90-6050	6050	31.58	31.47	-	C-3	6	27.06	15.5	-	5	-	4.192	0.81	2.1	335.9
200	14MX200S90-6050	6050	35.089	34.979	-	C-3	6	30.29	15.5	-	5	-	4.192	0.81	2.1	344.5
224	14MX224S90-6050	6050	39.3	39.19	-	C-3	6	34.46	15.5	-	5	-	4.192	0.81	2.1	589.0

Type: 1- Solid 2 - Web 3 - Arms F=Flanged
NOTE: Weights for Minimum Plain Bore (MPB) Sprockets are with minimum bore. Weights for Bushed Sprockets less bushing. Dimensions in Inches. Weight in pounds.

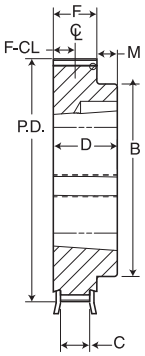
MPC® Sprockets 14mm

Type A



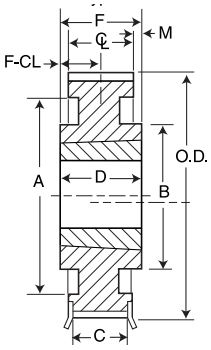
Type AF

Type B



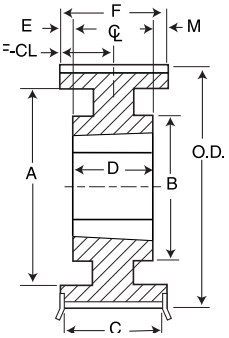
Type BF

Type C



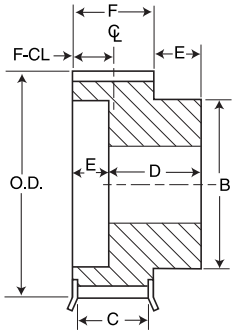
Type CF

Type D



Type DF

Type 6



Type 6F

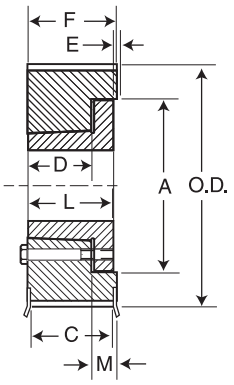
14mm Pitch — 125mm Wide Belt

No. of Teeth	Catalog Number	Bore	Pitch Diameter	Diameter O.D.	Diameter Max Flange O.D.	Type	Max Bore	Dimensions A	B	C	D	E	F	M	F-CL	Weight Approx. (lbs.)
MPB 14mm Pitch, 125mm (4.92 in.) Wide Belt (14M-125)																
28	PB14MX28S125	MPB	4.912	4.802	5.4	6F-1	2.938	-	3.97	5.29	6.5	0.89	5.61	-	2.81	22.0
29	PB14MX29S125	MPB	5.088	4.978	5.76	6F-1	3.188	-	4.35	5.29	6.5	0.89	5.61	-	2.81	27.0
30	PB14MX30S125	MPB	5.263	5.153	5.76	6F-1	3.188	-	4.35	5.29	6.5	0.89	5.61	-	2.81	30.2
31	PB14MX31S125	MPB	5.439	5.329	6.11	6F-1	3.438	-	4.57	5.29	6.5	0.89	5.61	-	2.81	32.0
32	PB14MX32S125	MPB	5.614	5.504	6.11	6F-1	3.438	-	4.57	5.29	6.5	0.89	5.61	-	2.81	34.0
33	PB14MX33S125	MPB	5.79	5.68	6.47	6F-1	3.5	-	4.89	5.29	6.69	1.08	5.61	-	2.81	31.8
34	PB14MX34S125	MPB	5.965	5.855	6.47	6F-1	3.5	-	4.89	5.29	6.69	1.08	5.61	-	2.81	34.3
35	PB14MX35S125	MPB	6.141	6.031	6.82	6F-1	3.813	-	5.30	5.29	6.69	1.08	5.61	-	2.81	36.2
36	PB14MX36S125	MPB	6.316	6.206	6.82	6F-1	3.813	-	5.30	5.29	6.69	1.08	5.61	-	2.81	38.0
37	PB14MX37S125	MPB	6.492	6.382	7.17	6F-1	4.125	-	5.63	5.29	6.69	1.08	5.61	-	2.81	40.3
38	PB14MX38S125	MPB	6.667	6.557	7.17	6F-1	4.125	-	5.63	5.29	6.69	1.08	5.61	-	2.81	42.5
39	PB14MX39S125	MPB	6.842	6.732	7.52	6F-1	4.375	-	5.89	5.29	6.69	1.08	5.61	-	2.81	44.9
40	PB14MX40S125	MPB	7.018	6.908	7.52	6F-1	4.375	-	5.89	5.29	6.69	1.08	5.61	-	2.81	47.2
43	PB14MX43S125	MPB	7.543	7.434	8.04	6F-1	4.813	-	6.51	5.29	6.81	1.2	5.61	-	2.81	55.5
45	PB14MX45S125	MPB	7.894	7.785	8.4	6F-1	5	-	6.76	5.29	6.81	1.2	5.61	-	2.81	61.3
48	PB14MX48S125	MPB	8.421	8.311	8.94	6F-1	5.625	-	7.29	5.29	6.81	1.2	5.61	-	2.81	68.7
Taper Bushed 14mm Pitch, 125mm (4.92 in.) Wide Belt (14M-125)																
50	14MX50S125-4535	4535	8.772	8.662	9.29	AF-1	4.5	7.44	-	5.29	3.5	-	5.61	-	2.81	39.4
53	14MX53S125-4535	4535	9.299	9.189	9.69	AF-1	4.5	8.125	-	5.29	3.5	-	5.61	-	2.81	50.1
56	14MX56S125-4535	4535	9.825	9.715	10.36	AF-1	4.5	8.35	-	5.29	3.5	-	5.61	-	2.81	52.6
60	14MX60S125-4535	4535	10.527	10.417	11.07	AF-1	4.5	9.06	-	5.29	3.5	-	5.61	-	2.81	63.3
63	14MX63S125-4535	4535	11.053	10.943	11.59	AF-1	4.5	9.59	-	5.29	3.5	-	5.61	-	2.81	77.2
67	14MX67S125-4535	4535	11.755	11.645	12.5	AF-1	4.5	9.88	-	5.29	3.5	-	5.61	-	2.81	93.8
71	14MX71S125-5040	5040	12.457	12.347	13.07	AF-1	5	10.67	-	5.29	4	-	5.61	-	2.81	93.0
75	14MX75S125-5040	5040	13.158	13.048	13.73	AF-1	5	11.63	-	5.29	4	-	5.61	-	2.81	132.8
80	14MX80S125-5040	5040	14.036	13.926	14.62	AF-1	5	12.59	-	5.29	4	-	5.61	-	2.81	137.0
90	14MX90S125-5040	5040	15.79	15.68	-	D-1	5	14.26	11	-	4	-	5.61	1.61	2.81	121.0
112	14MX112S125-6050	6050	19.65	19.54	-	A-1	6	16.35	-	-	5	-	5.61	0.61	2.81	210.6
140	14MX140S125-6050	6050	24.562	24.452	-	D-3	6	20.74	15.5	-	5	-	5.61	0.61	2.81	270.3
168	14MX168S125-7060	7060	29.475	29.365	-	C-3	7	25.11	17	-	6	-	5.61	0.39	2.81	345.2
180	14MX180S125-7060	7060	31.58	31.47	-	C-3	7	27.06	17	-	6	-	5.61	0.39	2.81	365.2
200	14MX200S125-7060	7060	35.089	34.979	-	C-3	7	30.29	17	-	6	-	5.61	0.39	2.81	373.5
224	14MX224S125-7060	7060	39.3	39.19	-	C-3	7	34.21	17	-		-	5.61	0.39	2.81	482.3

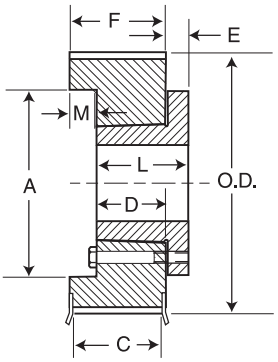
Type: 1- Solid 2 - Web 3 - Arms F=Flanged
NOTE: Weights for Minimum Plain Bore (MPB) Sprockets are with minimum bore.
Weights for Bushed Sprockets less bushing.
Dimensions in Inches. Weight in pounds.

MPC® Sprockets 14mm
Air Cool Heat Exchange

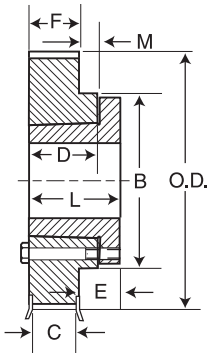
Type A



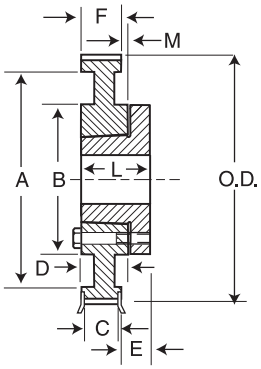
Type B



Type C



Type D



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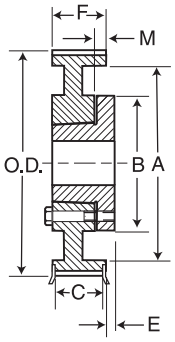

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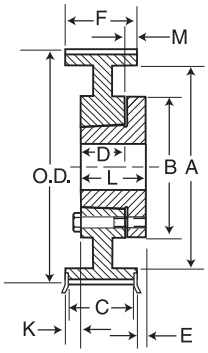
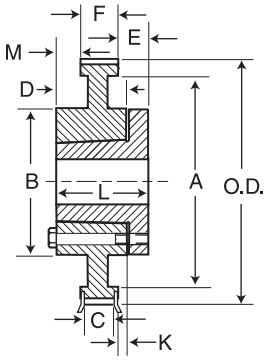
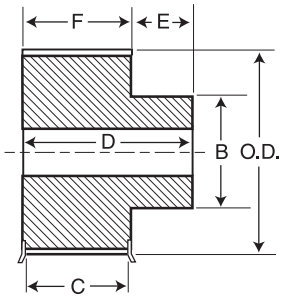


Type G



Type 6

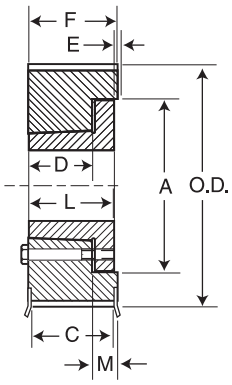


14mm Pitch — 20mm Wide Air Cool Heat Exchange Belt

No. of Teeth	Catalog Number	Bore	Pitch Diameter	Diameter		Type	Max Bore	Dimensions									Weight Approx. (lbs.)
				O.D.	Max Flange O.D.			A	B	C	D	E	F	L	M	F-CL	
MPB 14mm Pitch, 20mm (0.787 in.) Wide Belt (14M-20)																	
28	F14MX28S20-SK	SK	4.912	4.802	5.402	AF-1	2.625	3.61	-	1.04	1.25	0.45	1.36	1.94	0.11	0.68	3.90
29	F14MX29S20-SK	SK	5.088	4.978	5.763	AF-1	2.625	3.85	-	1.04	1.25	0.45	1.36	1.94	0.11	0.68	4.50
30	F14MX30S20-SK	SK	5.263	5.153	5.763	AF-1	2.625	3.99	-	1.04	1.25	0.45	1.36	1.94	0.11	0.68	4.80
31	F14MX31S20-SK	SK	5.439	5.329	6.114	AF-1	2.625	4.2	-	1.04	1.25	0.45	1.36	1.94	0.11	0.68	5.50
32	F14MX32S20-SK	SK	5.614	5.504	6.114	AF-1	2.625	4.22	-	1.04	1.25	0.45	1.36	1.94	0.11	0.68	5.9
33	F14MX33S20-SK	SK	5.79	5.68	6.465	AF-1	2.625	4.53	-	1.04	1.25	0.45	1.36	1.94	0.11	0.68	6.3
34	F14MX34S20-SK	SK	5.965	5.855	6.465	AF-1	2.625	4.53	-	1.04	1.25	0.45	1.36	1.94	0.11	0.68	6.9
35	F14MX35S20-SK	SK	6.141	6.031	6.816	AF-1	2.625	4.89	-	1.04	1.25	0.45	1.36	1.94	0.11	0.68	7.3
140	F14MX140S20-E	E	24.56	24.452	-	C-3	3.5	23.21	7.5	1.04	1.63	1.15	1.36	2.75	0.27	0.68	66.10
168	F14MX168S20-F	F	29.472	29.365	-	G-3	4	27.46	7.25	1.04	2.5	1:58	1.36	3.75	0.56	0.68	90.00
180	F14MX180S20-F	F	31.58	31.47	-	C-3	4	29.38	7.25	1.04	2.5	2.14	1.36	3.75	1.14	0.68	107.30
200	F14MX200S20-F	F	35.086	34.98	-	G-3	4	32.88	7.25	1.04	2.5	1.26	1.36	3.75	0.88	0.68	119.00
224	F14MX224S20-F	F	39.3	39.19	-	C-3	4	37.13	7.25	1.04	2.5	1.15	1.36	3.75	1.14	0.68	125.00

Type: 1- Solid 2 - Web 3 - Arms F=Flanged
NOTE: Weights for Minimum Plain Bore (MPB) Sprockets are with minimum bore.
Weights for Bushed Sprockets less bushing.
Dimensions in Inches. Weight in pounds.

MPC® Sprockets 14mm Air Cool Heat Exchange



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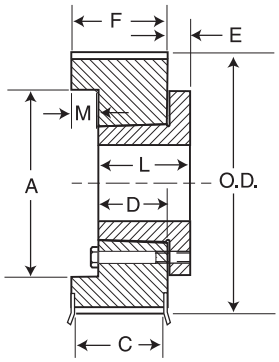

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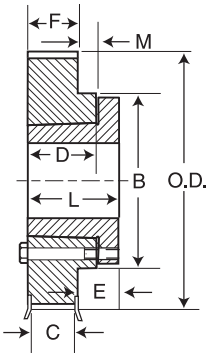

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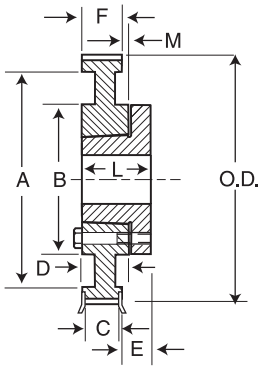

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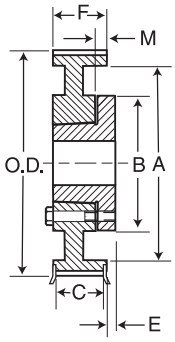
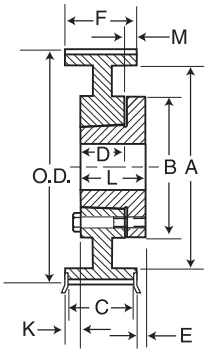
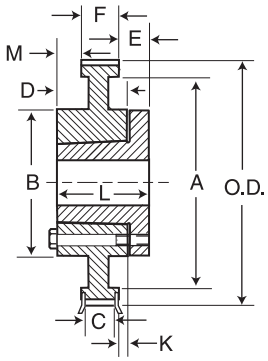
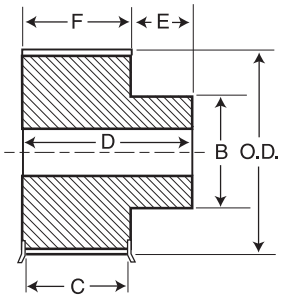








14mm Pitch — 37mm Wide Air Cool Heat Exchange Belt

No. of Teeth	Catalog Number	Bore	Pitch Diameter	Diameter		Type	Max Bore	Dimensions									Weight Approx. (lbs.)
				O.D.	Max Flange O.D.			A	B	C	D	E	F	L	M	F-CL	
MPB 14mm Pitch, 20mm (0.787 in.) Wide Belt (14M-20)																	
28	F14MX28S37-SK	SK	4.912	4.802	5.402	BF-1	2.625	3.61	-	1.74	1.25	0.56	2.06	1.94	0.81	1.03	4.20
29	F14MX29S37-SK	SK	5.088	4.978	5.763	BF-1	2.625	3.75	-	1.74	1.25	0.56	2.06	1.94	0.81	1.03	4.70
30	F14MX30S37-SK	SK	5.263	5.153	5.763	BF-1	2.625	3.89	-	1.74	1.25	0.56	2.06	1.94	0.81	1.03	5.00
31	F14MX31S37-SK	SK	5.439	5.329	6.114	AF-1	2.625	4.06	-	1.74	1.25	-0.25	2.06	1.94	0.81	1.03	6.00
32	F14MX32S37-SK	SK	5.614	5.504	6.114	AF-1	2.625	4.22	-	1.74	1.25	-0.25	2.06	1.94	0.81	1.03	7.10
33	F14MX33S37-SK	SK	5.79	5.68	6.465	AF-1	2.625	4.41	-	1.74	1.25	-0.25	2.06	1.94	0.81	1.03	7.50
34	F14MX34S37-SK	SK	5.965	5.855	6.465	AF-1	2.625	4.53	-	1.74	1.25	-0.25	2.06	1.94	0.81	1.03	7.80
35	F14MX35S37-SK	SK	6.141	6.031	6.816	AF-1	2.625	4.75	-	1.74	1.25	-0.25	2.06	1.94	0.81	1.03	8.30
36	F14MX36S37-SF	SF	6.315	6.206	6.816	AF-1	2.813	4.94	-	1.74	1.5	-0.19	2.06	2.06	0.56	1.03	8.80
180	F14MX180S37-E	E	31.580	31.47	-	D-3	3.5	29.38	7.5	-	1.63	0.69	2.03	2.75	0.21	1.02	120.00
200	F14MX200S37-E	E	35.086	34.98	-	D-3	3.5	32.92	7.5	-	1.63	0.69	2.03	2.75	0.21	1.02	130.00
224	F14MX224S37-E	E	39.300	39.19	-	D-3	3.5	37.13	7.5	-	1.63	0.69	2.03	2.75	0.21	1.02	177.00

Type: 1- Solid 2 - Web 3 - Arms F=Flanged
NOTE: Weights for Minimum Plain Bore (MPB) Sprockets are with minimum bore.
Weights for Bushed Sprockets less bushing.
Dimensions in Inches. Weight in pounds.

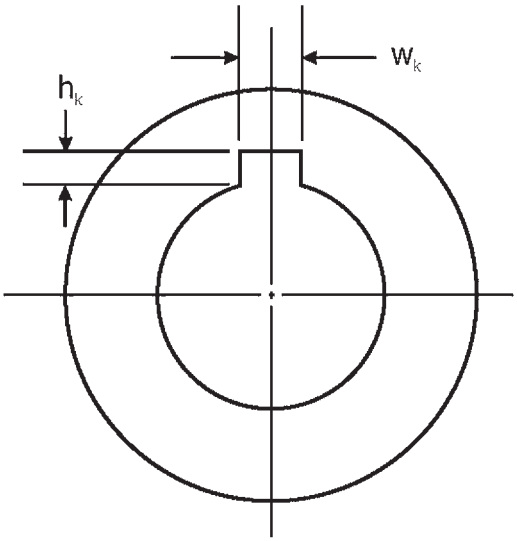
Sprocket Specifications

Sprocket Tolerance Specifications

MPC® sprockets are made to close tolerances. Strict adherence to the standard tolerances (as shown in table below) is highly recommended.

Sprocket Outside Diameter and Pitch

Outside Diameter Range (in)	Outside Diameter Tolerance (in)	Pitch to Pitch Tolerance	
		Adjacent Grooves	Accumulative Over 90 Degrees
Over 2 to and including 4	+ 0.004 - 0	± 0.001	± 0.0045
Over 4 to and including 7	+ 0.005 - 0	± 0.001	± 0.005
Over 7 to and including 12	+ 0.006 - 0	± 0.001	± 0.005
Over 12 to and including 20	+ 0.007 - 0	± 0.001	± 0.0065
Over 20	+ 0.008 - 0	± 0.001	± 0.0075



Sprocket Runout Radiant Runout*

Outside Diameter		Total Eccentricity Total Indicator Reading	
in	mm	in	mm
Over 2 to 4	50 100	0.003	0.08
Over 4 to 8	100 200	0.004	0.10
Over 8	200	0.005 per inch O.D. over 8”	.013 per mm O.C. over 200mm
		(may not exceed face diameter tolerance)	

***Total Indicator Reading**

Axial Runout*

For outside diameters 1.0 inches and under ..... 0.001 inches
For each additional inch of outside diameter up through 10.0 inches, add ..... 01 inches
For each additional inch outside diameter over 10.0 inches, add ..... 05 inches

***Total Indicator Reading**

Sprocket and Bushing Keyseat

Shaft Diameter (in)	Width wk †	Depth hk (in) + 0.015 0
Up through 7/16 (0.44)	3/32 (0.0938)	3/64 (0.047)
over 7/16 (0.44) to and incl. 9/16 (0.56)	1/8 (0.125)	1/16 (0.062)
over 9/16 (0.56) to and incl. 7/8 (0.88)	3/16 (0.1875)	3/32 (0.094)
over 7/8 (0.88) to and incl. 1-1/4 (1.25)	1/4 (0.250)	1/8 (0.125)
over 1-1/4 (1.25) to and incl. 1-3/8 (1.38)	5/16 (0.3125)	5/32 (0.156)
over 1-3/8 (1.38) to and incl. 1-3/4 (1.75)	3/8 (0.375)	3/16 (0.188)
over 1-3/4 (1.75) to and incl. 2-1/4 (2.25)	1/2 (0.500)	1/4 (0.250)
over 2-1/4 (2.25) to and incl. 2-3/4 (2.75)	5/8 (0.625)	5/16 (0.312)
over 2-3/4 (2.75) to and incl. 3-1/4 (3.25)	3/4 (0.750)	3/8 (0.375)
over 3-1/4 (3.25) to and incl. 3-3/4 (3.75)	7/8 (0.875)	7/16 (0.438)
over 3-3/4 (3.75) to and incl. 4-1/2 (4.50)	1 (1)	1/2 (0.500)
over 4-1/2 (4.50) to and incl. 5-1/2 (5.50)	1-1/4 (1.250)	5/8 (0.625)

† Tolerance on width Wk
For width up through 1/2 (0.500) ..... +0.002, 0 inches
For width up through 1/2 (0.500) up through 1 (1) ..... +0.003, 0 inches
For width over 1 (1) ..... +0.004, 0 inches