



# TIMING BELT PULLEYS AND SPROCKETS



## Performance Advantages

Maurey Timing Belt Drives provide a reliable, economical and trouble-free alternative to transmit power and reduce drive weight and cost when compared to chain drives and other types of belt drives.

## Wide Range of Load Capacities

Maurey Timing Belt Drives are designed for high capacity performance exceeding the traditional limitations of chain and belt drives. The load capacity varies from fractional horsepower to more than 600 H.P.

## Alterations

Maurey will customize your Timing Belt component needs to suit the application in which it is used. See list price book or consult factory for various alteration charges.

- Rebore Minimum Plain Bore
- Add Keyway
- Add Set Screw

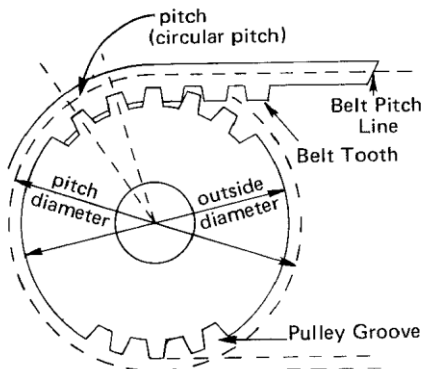
Contact Maurey Customer Service for quantity breaks for alterations.

## Space Saving Design

When compared to other belt systems, Maurey Timing Belt Drives permit a narrower drive, reducing the cost of the drive by cutting component costs.

## POSITIVE DRIVE PULLEYS

Maurey Positive Drive Pulleys are made in five stock pitches to conform with the five stock pitches of belts. They are available in a wide range of stock widths and diameters. On the belt, pitch is the distance between the tooth centers on the pitch line of the belt. On the pulley, pitch is the distance between groove centers and is measured on the pulley pitch circle.



## HIGH TORQUE DRIVE SPROCKETS

**Available For Belts 8mm and 14mm in Pitch**

## Engineered for Durability

High Torque Sprocket Drives are designed to minimize interference between the belt and sprocket during mesh, providing greater horsepower without slippage or speed variation. By designing belt teeth to disperse critical stresses, belt performance is improved, assuring longer belt life.

## Part Number Description

**P 26 8M 20 JA**

- Requires JA Bushing
- Width
- Pitch
- Number of Teeth



# 14M stock sprocket dimensions high torque drives

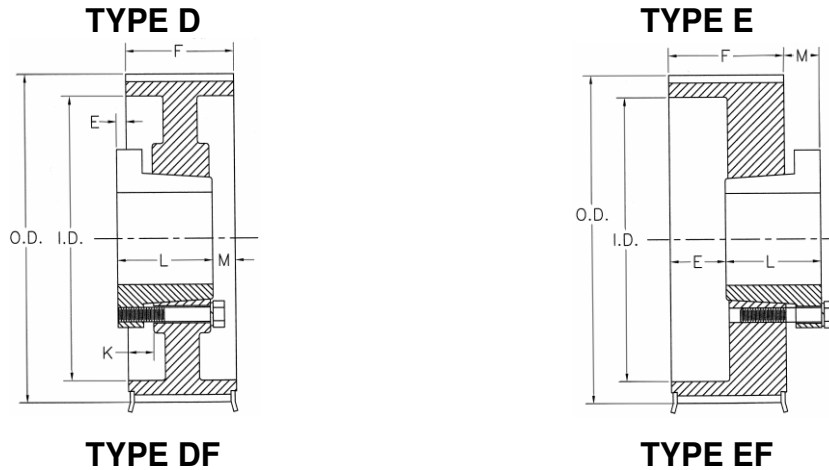
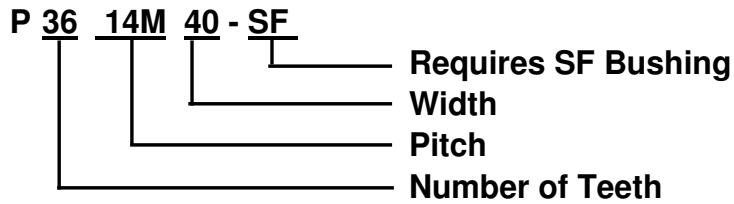


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction  
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

## Part Number Explanation



**FOR BELTS 40MM (1.57 in.) WIDE • 14MM PITCH (14M-40) FACE WIDTH (F)=2-1/8**

SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS				TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.
		P.D	O.D.		I.D.		E	K	L	M	MIN	MAX	
			Sprocket	Flange									
P28-14M-40-SK	28	4.912	4.802	5.56	3.12	E1F	7/8	0	1-7/8	5/8	1/2	2-5/8	7.2
P29-14M-40-SK	29	5.088	4.978	5.56	3.12	E1F	7/8	0	1-7/8	5/8	1/2	2-5/8	7.9
P30-14M-40-SK	30	5.263	5.153	5.56	3.92	D1F	3/16	7/16	1-7/8	7/16	1/2	2-5/8	7.6
P32-14M-40-SK	32	5.614	5.504	6.09	3.92	D1F	3/16	7/16	1-7/8	7/16	1/2	2-5/8	9.2
P34-14M-40-SK	34	5.965	5.855	6.50	4.06	D1F	3/16	7/16	1-7/8	7/16	1/2	2-5/8	10.6
P36-14M-40-SF	36	6.316	6.206	6.87	4.84	D1F	3/16	7/16	2	5/16	1/2	2-5/16	11.9
P38-14M-40-SF	38	6.667	6.557	7.22	4.94	D1F	3/16	7/16	2	5/16	1/2	2-5/16	13.3
P40-14M-40-SF	40	7.018	6.908	7.50	5.06	D1F	3/16	7/16	2	5/16	1/2	2-5/16	15.1
P44-14M-40-E	44	7.720	7.610	8.34	6.12	D1F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	21.7
P48-14M-40-E	48	8.421	8.311	8.90	6.50	D1F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	25.9
P52-14M-40-E	52	9.123	9.013	9.68	7.18	D1F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	30.0
P56-14M-40-E	56	9.825	9.715	10.38	7.88	D1F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	34.6
P60-14M-40-E	60	10.527	10.417	11.06	8.50	D1F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	39.4
P64-14M-40-E	64	11.229	11.119	11.68	9.25	D2F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	35.7
P68-14M-40-E	68	11.930	11.820	12.50	10.00	D2F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	38.0
P72-14M-40-E	72	12.632	12.522	13.19	10.69	D2F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	36.8
P80-14M-40-E	80	14.036	13.926	14.63	12.13	D2F	5/8	1/4	2-5/8	1/8	7/8	3-1/2	41.1
P90-14M-40-E	90	15.790	15.680		14.50	D3	5/8	1/4	2-5/8	1/8	7/8	3-1/2	42.9
P112-14M-40-E	112	19.650	19.540		18.38	D3	5/8	1/4	2-5/8	1/8	7/8	3-1/2	53.8
P144-14M-40-E	144	25.264	25.154		23.88	D3	5/8	1/4	2-5/8	1/8	7/8	3-1/2	80.9

Weights for all FUL-GRIP bushed items are approximate and include the bushing. \* Min plain bore with no keyway or setscrews  
FUL-GRIP is a registered trademark of Maurey Manufacturing Corporation



# 14M stock sprocket dimensions high torque drives

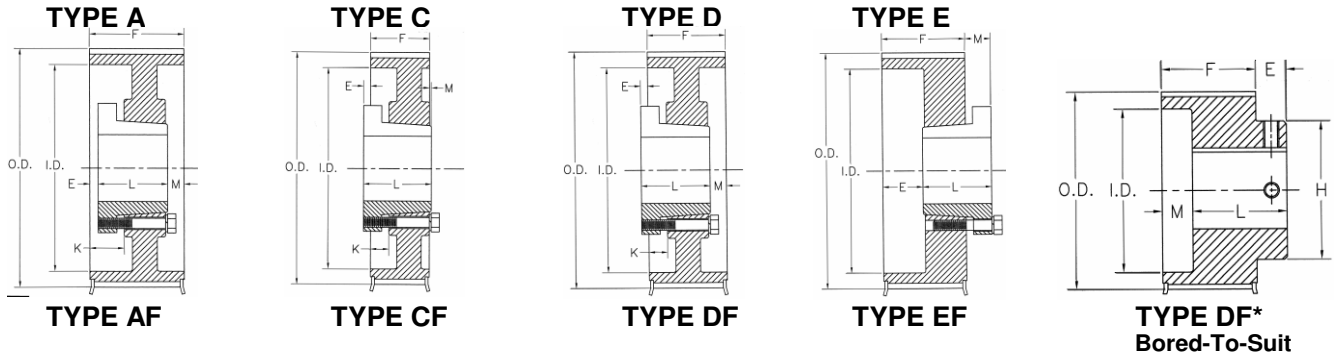


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction  
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

FOR BELTS 55MM (2.17 in.) WIDE • 14MM PITCH (14M-55) FACE WIDTH (F) = 2-3/4													
SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS				TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.
		P.D	O.D.		I.D.		E	K	L	M	MIN	MAX	
			Sprocket	Flange									
P28-14M-55-SK	28	4.912	4.802	5.56	3.12	E1F	1-1/2	0	1-7/8	5/8	1/2	2-5/8	8.5
P29-14M-55-SK	29	5.088	4.978	5.56	3.12	E1F	1-1/2	0	1-7/8	5/8	1/2	2-5/8	9.5
P30-14M-55-SK	30	5.263	5.153	6.09	3.92	A1F	1/8	3/4	1-7/8	3/4	1/2	2-5/8	8.7
P32-14M-55-SK	32	5.614	5.504	6.09	3.92	A1F	1/8	3/4	1-7/8	3/4	1/2	2-5/8	10.7
P34-14M-55-SK	34	5.965	5.855	6.50	4.06	A1F	1/8	3/4	1-7/8	3/4	1/2	2-5/8	12.5
P36-14M-55-SF	36	6.316	6.206	6.87	4.84	A1F	1/8	3/4	2	5/8	1/2	2-15/16	13.6
P38-14M-55-SF	38	6.667	6.557	7.22	4.94	A1F	1/8	3/4	2	5/8	1/2	2-15/16	15.2
P40-14M-55-SF	40	7.018	6.908	7.50	5.06	A1F	1/8	3/4	2	5/8	1/2	2-15/16	17.4
P44-14M-55-E	44	7.720	7.610	8.34	6.12	D1F	5/16	9/16	2-5/8	7/16	7/8	3-1/2	23.8
P48-14M-55-E	48	8.421	8.311	8.90	6.50	D1F	5/16	9/16	2-5/8	7/16	7/8	3-1/2	28.8
P52-14M-55-E	52	9.123	9.013	9.68	7.18	D1F	5/16	9/16	2-5/8	7/16	7/8	3-1/2	33.2
P56-14M-55-E	56	9.825	9.715	10.38	7.88	D1F	5/16	9/16	2-5/8	7/16	7/8	3-1/2	38.0
P60-14M-55-E	60	10.527	10.417	11.06	8.50	D1F	5/16	9/16	2-5/8	7/16	7/8	3-1/2	43.3
P64-14M-55-F	64	11.229	11.119	11.68	9.25	D1F	7/8	1/8	3-5/8	0	1	4	62.6
P68-14M-55-F	68	11.930	11.820	12.50	10.00	D2F	7/8	1/8	3-5/8	0	1	4	54.5
P72-14M-55-F	72	12.632	12.522	13.19	10.69	D2F	7/8	1/8	3-5/8	0	1	4	58.0
P80-14M-55-F	80	14.036	13.926	14.63	12.13	D2F	7/8	1/8	3-5/8	0	1	4	61.9
P90-14M-55-F	90	15.790	15.680		14.50	D3	7/8	1/8	3-5/8	0	1	4	58.1
P112-14M-55-F	112	19.650	19.540		18.38	D3	7/8	1/8	3-5/8	0	1	4	72.2
P144-14M-55-F	144	25.264	25.154		23.88	D3	7/8	1/8	3-5/8	0	1	4	106.3
P168-14M-55-F	168	29.475	29.365		28.25	D3	7/8	1/8	3-5/8	0	1	4	110.2
P192-14M-55-F	192	33.686	33.576		32.38	D3	7/8	1/8	3-5/8	0	1	4	133.2
P216-14M-55-F	216	37.896	37.786		36.62	D3	7/8	1/8	3-5/8	0	1	4	161.6

FOR BELTS 85MM (3.35 in.) WIDE • 14MM PITCH (14M-85) FACE WIDTH (F) = 4													
SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS				TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.
		P.D	O.D.		I.D.		E	K	L	M	MIN	MAX	
			Sprocket	Flange									
P28-14M-85-MPB	28	4.912	4.802	5.56	3.12	D1F*	1	3-11/16	4	1	*1-1/4	2-11/16	16.1
P29-14M-85-MPB	29	5.088	4.978	5.56	3.12	D1F*	1	3-11/16	4	1	*1-1/4	2-11/16	17.5
P30-14M-85-SK	30	5.263	5.153	5.56	3.92	A1F	3/4	1-3/8	1-7/8	1-3/8	1/2	2-5/8	10.8
P32-14M-85-SK	32	5.614	5.504	6.09	3.92	A1F	3/4	1-3/8	1-7/8	1-3/8	1/2	2-5/8	13.7
P34-14M-85-SK	34	5.965	5.855	6.50	4.06	A1F	3/4	1-3/8	1-7/8	1-3/8	1/2	2-5/8	16.2
P36-14M-85-SF	36	6.316	6.206	6.87	4.84	A1F	3/4	1-3/8	2	1-1/4	1/2	2-15/16	16.9
P38-14M-85-SF	38	6.667	6.557	7.22	4.94	A1F	3/4	1-3/8	2	1-1/4	1/2	2-15/16	19.1
P40-14M-85-SF	40	7.018	6.908	7.50	5.06	A1F	3/4	1-3/8	2	1-1/4	1/2	2-15/16	22.1
P44-14M-85-E	44	7.720	7.610	8.34	6.12	A1F	5/16	1-3/16	2-5/8	1-1/16	7/8	3-1/2	27.9
P48-14M-85-E	48	8.421	8.311	8.90	6.50	A1F	5/16	1-3/16	2-5/8	1-1/16	7/8	3-1/2	34.5
P52-14M-85-E	52	9.123	9.013	9.68	7.18	A1F	5/16	1-3/16	2-5/8	1-1/16	7/8	3-1/2	39.5
P56-14M-85-F	56	9.825	9.715	10.38	7.88	D1F	1/4	3/4	3-5/8	5/8	7/8	3-1/2	54.8
P60-14M-85-F	60	10.527	10.417	11.06	8.50	D1F	1/4	3/4	3-5/8	5/8	1	4	62.8
P64-14M-85-F	64	11.229	11.119	11.68	9.25	D1F	1/4	3/4	3-5/8	5/8	1	4	70.8
P68-14M-85-F	68	11.930	11.820	12.50	10.00	D2F	1/4	3/4	3-5/8	5/8	1	4	64.1
P72-14M-85-F	72	12.632	12.522	13.19	10.69	D2F	1/4	3/4	3-5/8	5/8	1	4	68.6
P80-14M-85-F	80	14.036	13.926	14.63	12.13	D2F	1/4	3/4	3-5/8	5/8	1	4	71.0
P90-14M-85-F	90	15.790	15.680		14.50	D3	1/4	3/4	3-5/8	5/8	1	4	68.5
P112-14M-85-F	112	19.650	19.540		18.25	D3	1/4	3/4	3-5/8	5/8	1	4	89.2
P144-14M-85-F	144	25.264	25.154		23.88	D3	1/4	3/4	3-5/8	5/8	1	4	118.3
P168-14M-85-J	168	29.475	29.365		28.12	D3	1/4	3/4	4-1/2	5/8	1-7/16	4-1/2	153.0
P192-14M-85-F	192	33.686	33.576		32.38	D3	1/4	3/4	4-1/2	5/8	1-7/16	4-1/2	182.0
P216-14M-85-J	216	37.896	37.786		36.38	D3	1/4	3/4	4-1/2	5/8	1-7/16	4-1/2	244.0

Weights for all FUL-GRIP bushed items are approximate and include the bushing.  
FUL-GRIP is a registered trademark of Maurey Manufacturing Corporation

\* Min. plain bore with no keyway or setscrews  
● Maximum Bore without Keyway



# 14M stock sprocket dimensions high torque drives

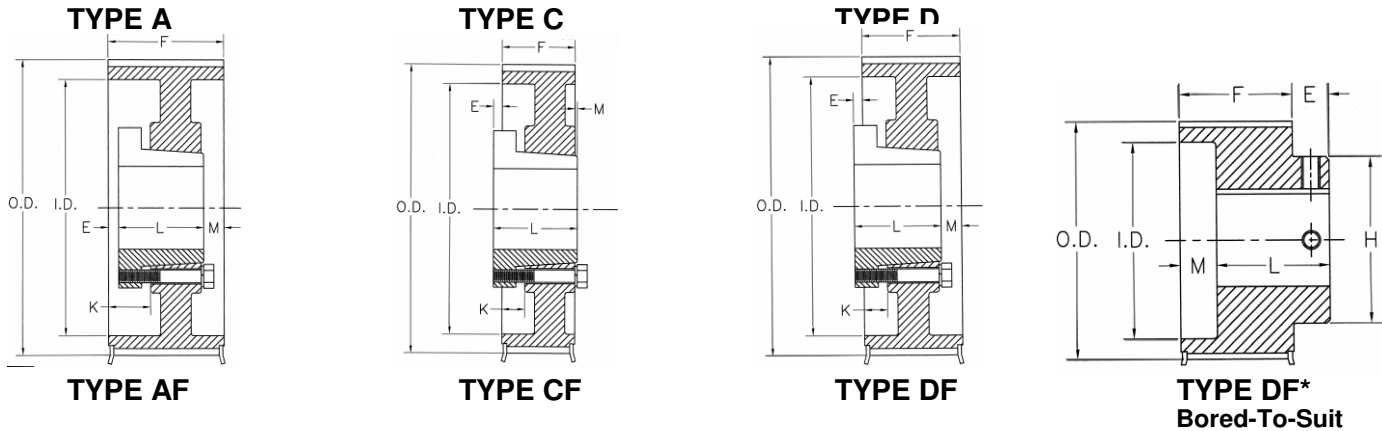


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction  
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

FOR BELTS 115MM (4.53 in.) WIDE • 14MM PITCH (14M-115) FACE WIDTH (F) = 5-1/4													
SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS				TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.
		P.D	O.D.		I.D.		E	K	L	M	MIN	MAX	
			Sprocket	Flange									
P28-14M-115-MPB	28	4.912	4.808	5.56	3.12	D1F*	1-1/4	3-11/16	5	1-1/2	*1-1/4	2-11/16	20.7
P29-14M-115-MPB	29	5.088	4.983	5.56	3.12	D1F*	1-1/4	3-11/16	5	1-1/2	*1-1/4	2-11/16	22.5
P30-14M-115-SK	30	5.263	5.157	6.09	3.92	A1F	1-3/8	2	1-7/8	2	1/2	2-11/16	12.9
P32-14M-115-SK	32	5.614	5.507	6.09	3.92	A1F	1-3/8	2	1-7/8	2	1/2	2-5/8	16.6
P34-14M-115-SK	34	5.965	5.858	6.50	4.06	A1F	1-3/8	2	1-7/8	2	1/2	2-5/8	19.9
P36-14M-115-SF	36	6.316	6.208	6.87	4.84	A1F	1-3/8	2	2	1-7/8	1/2	2-15/16	20.2
P38-14M-115-SF	38	6.667	6.559	7.22	4.94	A1F	1-3/8	2	2	1-7/8	1/2	2-15/16	22.9
P40-14M-115-SF	40	7.018	6.909	7.50	5.06	A1F	1-3/8	2	2	1-7/8	1/2	2-15/16	26.7
P44-14M-115-E	44	7.720	7.610	8.34	6.12	A1F	29/32	1-13/16	2-5/8	1-23/32	7/8	3-1/2	32.1
P48-14M-115-E	48	8.421	8.311	8.90	6.50	A1F	29/32	1-13/16	2-5/8	1-23/32	7/8	3-1/2	40.1
P52-14M-115-F	52	9.123	9.013	9.68	7.18	A1F	5/16	1-3/8	3-5/8	1-5/16	1	4	53.8
P56-14M-115-F	56	9.825	9.715	10.38	7.88	A1F	5/16	1-3/8	3-5/8	1-5/16	1	4	61.7
P60-14M-115-F	60	10.527	10.417	11.06	8.50	A1F	5/16	1-3/8	3-5/8	1-5/16	1	4	70.6
P64-14M-115-J	64	11.229	11.119	11.68	9.25	D1F	1/4	1	4-1/2	1	1-7/16	4-1/2	90.0
P68-14M-115-J	68	11.930	11.820	12.50	10.00	D1F	1/4	1	4-1/2	1	1-7/16	4-1/2	100.8
P72-14M-115-J	72	12.632	12.522	13.19	10.69	D1F	1/4	1	4-1/2	1	1-7/16	4-1/2	112.7
P80-14M-115-J	80	14.036	13.926	14.63	12.12	D2F	1/4	1	4-1/2	1	1-7/16	4-1/2	100.8
P90-14M-115-J	90	15.790	15.680		14.50	D2	1/4	1	4-1/2	1	1-7/16	4-1/2	89.3
P112-14M-115-J	112	19.650	19.540		18.25	D3	1/4	1	4-1/2	1	1-7/16	4-1/2	116.5
P144-14M-115-J	144	25.264	25.154		23.88	D3	1/4	1	4-1/2	1	1-7/16	4-1/2	159.5
P168-14M-115-M	168	29.475	29.365		28.10	C3	1-13/32	1/16	6-3/4	3/32	1-15/16	5-1/2	261.0
P192-14M-115-M	192	33.686	33.576		32.25	C3	1-13/32	1/16	6-3/4	3/32	1-15/16	5-1/2	302.0
P216-14M-115-M	216	37.896	37.786		36.38	C3	1-13/32	1/16	6-3/4	3/32	1-15/16	5-1/2	350.0

FOR BELTS 170MM (6.69 in.) WIDE • 14MM PITCH (14MM-170) FACE WIDTH (F) = 7-3/8													
SPROCKET NUMBER	NUMBER OF TEETH	DIAMETERS				TYPE	DIMENSIONS(INCHES)				BORE RANGE		APPROX WT. LBS.
		P.D	O.D.		I.D.		E	K	L	M	MIN	MAX	
			Sprocket	Flange									
P44-14M-170-E	44	7.720	7.610	8.34	6.12	A1F	2	2-7/8	2-5/8	2-3/4	7/8	3-1/2	39.1
P48-14M-170-E	48	8.421	8.311	8.90	6.50	A1F	2	2-7/8	2-5/8	2-3/4	7/8	3-1/2	49.8
P52-14M-170-F	52	9.123	9.013	9.68	7.18	A1F	1-7/16	2-7/16	3-5/8	2-5/16	1	4	64.6
P56-14M-170-F	56	9.825	9.715	10.38	7.88	A1F	1-7/16	2-7/16	3-5/8	2-5/16	1	4	73.4
P60-14M-170-J	60	10.527	10.417	11.06	8.50	A1F	15/16	2-1/8	4-1/2	1-15/16	1-7/16	4-1/2	93.1
P64-14M-170-J	64	11.229	11.119	11.68	9.25	A1F	15/16	2-1/8	4-1/2	1-15/16	1-7/16	4-1/2	103.9
P68-14M-170-J	68	11.930	11.820	12.50	10.00	A1F	15/16	2-1/8	4-1/2	1-15/16	1-7/16	4-1/2	115.3
P72-14M-170-J	72	12.632	12.522	13.19	10.69	A1F	15/16	2-1/8	4-1/2	1-15/16	1-7/16	4-1/2	128.2
P80-14M-170-J	80	14.036	13.926	14.63	12.12	A2F	15/16	2-1/8	4-1/2	1-15/16	1-7/16	4-1/2	119.9
P90-14M-170-J	90	15.790	15.680		14.50	A2	15/16	2-1/8	4-1/2	1-15/16	1-7/16	4-1/2	104.2
P112-14M-170-M	112	19.650	19.540		18.25	A3	0	1-7/16	6-3/4	5/8	2	5-1/2	205.6
P144-14M-170-M	144	25.264	25.154		23.62	A3	0	1-7/16	6-3/4	5/8	2	5-1/2	268.2
P168-14M-170-M	168	29.475	29.365		28.10	A3	0	1-7/16	6-3/4	5/8	2	5-1/2	293.3
P192-14M-170-M	192	33.686	33.576		32.25	A3	0	1-7/16	6-3/4	5/8	2	5-1/2	334.9
P216-14M-170-M	216	37.896	37.786		36.38	A3	0	1-7/16	6-3/4	5/8	2	5-1/2	383.6

Weights for all FUL-GRIP bushed items are approximate and include the bushing.  
FUL-GRIP is a registered trademark of Maurey Manufacturing Corporation

\* Min. plain bore with no keyway or setscrews  
● Maximum Bore without Keyway