



# 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

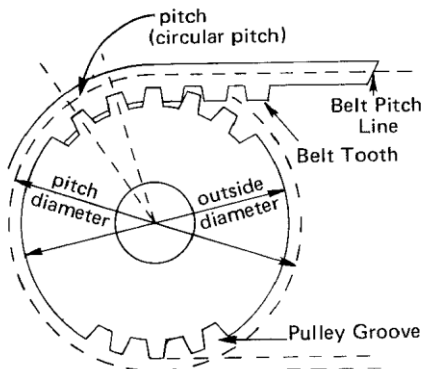
Contact Maurey Customer Service for quantity breaks for alterations.

## 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



# 1/2" pitch (H) stock pulley dimensions positive drive pulleys

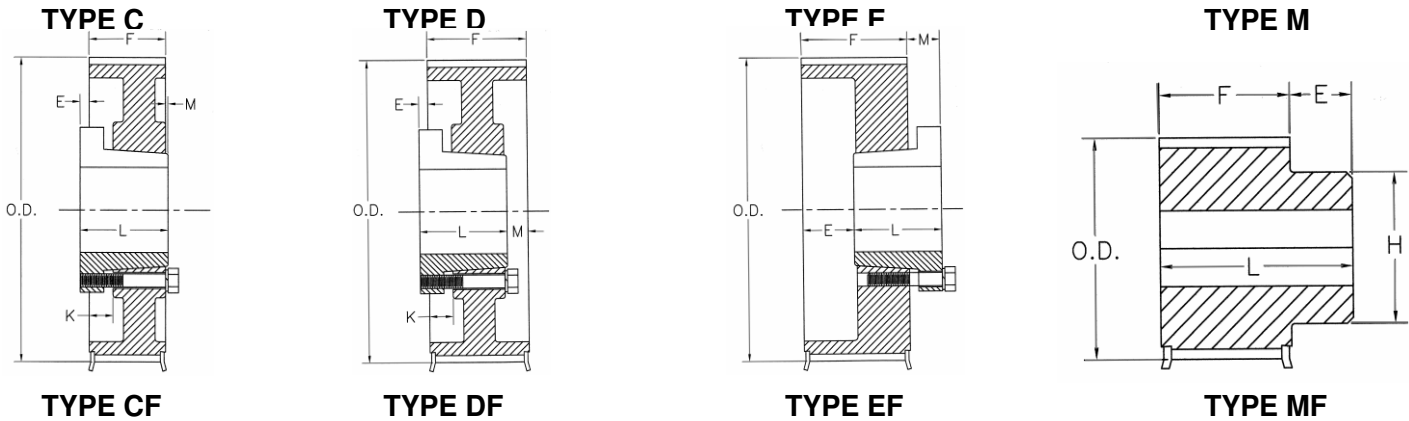
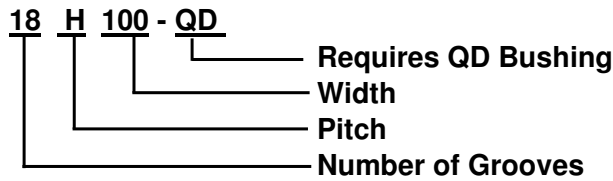


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction  
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

## Part Number Explanation



**FOR BELTS 1 INCH WIDE • 1/2 INCH PITCH (H100) ALSO USE FOR 3/4 INCH (H075) BELTS**

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max *		
14H100MPB	14	2.228	2.174	2-3/8	*	M1F	5/8	1-15/16				1-1/2	1-5/16	5/8	1	1.4
14H100QD	14	2.228	2.174	2-3/8	JAr	E1F	3/4	1	7/16				1-5/16	1/2	1-3/16	1.0
16H100MPB	16	2.546	2.492	2-3/4	*	M1F	11/16	2				2	1-5/16	5/8	1-1/4	2.0
16H100QD	16	2.546	2.492	2-3/4	JAr	E1F	3/4	1	7/16				1-5/16	1/2	1-3/16	1.5
17H100MPB	17	2.706	2.652	3	*	M1F	11/16	2				2	1-5/16	5/8	1-1/4	2.6
18H100MPB	18	2.865	2.811	3-1/4	*	M1F	11/16	2				2-1/4	1-5/16	5/8	1-1/2	2.8
18H100QD	18	2.865	2.811	3-1/4	SH	E1F	9/16	1-1/4	1/2				1-5/16	1/2	1-5/8	1.2
19H100MPB	19	3.024	2.970	3-1/4	*	M1F	13/16	2-1/8				2-1/4	1-5/16	5/8	1-9/16	2.9
20H100MPB	20	3.183	3.129	3-5/16	*	M1F	7/8	2-3/16				2-1/2	1-5/16	5/8	1-5/8	3.4
20H100QD	20	3.183	3.129	3-5/16	SH	E1F	9/16	1-1/4	1/2				1-5/16	1/2	1-5/8	1.2
21H100MPB	21	3.342	3.288	3-9/16	*	M1F	1	2-5/16				2-1/2	1-5/16	3/4	1-11/16	3.8
22H100MPB	22	3.501	3.447	3-3/4	*	M1F	1	2-5/16				2-7/8	1-5/16	3/4	1-7/8	4.3
22H100QD	22	3.501	3.447	3-3/4	SDS	E1F	9/16	1-5/16	9/16				1-5/16	1/2	1-15/16	1.4
24H100MPB	24	3.820	3.766	4	*	M1F	1	2-5/16				3-1/8	1-5/16	3/4	2-1/8	5.3
24H100QD	24	3.820	3.766	4	SDS	E1F	9/16	1-5/16	9/16				1-5/16	1/2	1-15/16	1.7
26H100MPB	26	4.138	4.084	4-3/8	*	M1F	1-1/8	2-7/16				3-1/2	1-5/16	3/4	2-1/2	6.7
26H100QD	26	4.138	4.084	4-3/8	SDS	D1F	1/16	1-5/16	9/16	1/2			1-5/16	1/2	1-15/16	2.0
28H100MPB	28	4.456	4.402	4-11/16	*	M1F	1-1/8	2-7/16				3-5/8	1-5/16	3/4	2-5/8	8.0
28H100QD	28	4.456	4.402	4-11/16	SDS	D1F	1/16	1-5/16	1/16	1/2			1-5/16	1/2	1-15/16	2.6
30H100QD	30	4.775	4.721	5	SD	D1F	9/16	1-13/16	1/16	0			1-5/16	1/2	1-15/16	3.0
32H100QD	32	5.093	5.039	5-5/16	SK	D1F	5/8	1-7/8	1/16	0			1-5/16	1/2	2-1/2	4.9
36H100QD	36	5.730	5.678	5-61/64	SK	D1F	5/8	1-7/8	1/16	0			1-5/16	1/2	2-1/2	3.6
40H100QD	40	6.366	6.312	6-9/16	SK	D1F	5/8	1-7/8	1/16	0			1-5/16	1/2	2-1/2	8.2
44H100QD	44	7.003	6.953	7-1/4	SK	D1F	5/8	1-7/8	1/16	0			1-5/16	1/2	2-1/2	10.0
48H100QD	48	7.639	7.585	7-7/8	SK	D2F	5/8	1-7/8	1/16	0			1-5/16	1/2	2-1/2	12.5
60H100QD	60	9.549	9.495		SF	C3	5/8	2	1/16	0			1-5/16	1/2	2-3/4	10.9
72H100QD	72	11.459	11.405		SF	C3	5/8	2	1/16	0			1-5/16	1/2	2-3/4	14.7
84H100QD	84	13.369	13.315		SF	C3	5/8	2	1/16	0			1-5/16	1/2	2-3/4	18.0
96H100QD	96	15.279	15.225		SF	C3	5/8	2	1/16	0			1-5/16	1/2	2-3/4	22.0
120H100QD	120	19.099	19.045		SF	C3	5/8	2	1/16	0			1-5/16	1/2	2-3/4	30.5

\*Bored to suit construction (Type M) minimum plain bore only carried in stock □ Weight shown is for pulley without bushing

"r" = Reverse mount only

• Maximum bore without keyway



# 1/2" pitch (H) stock pulley dimensions positive drive pulleys

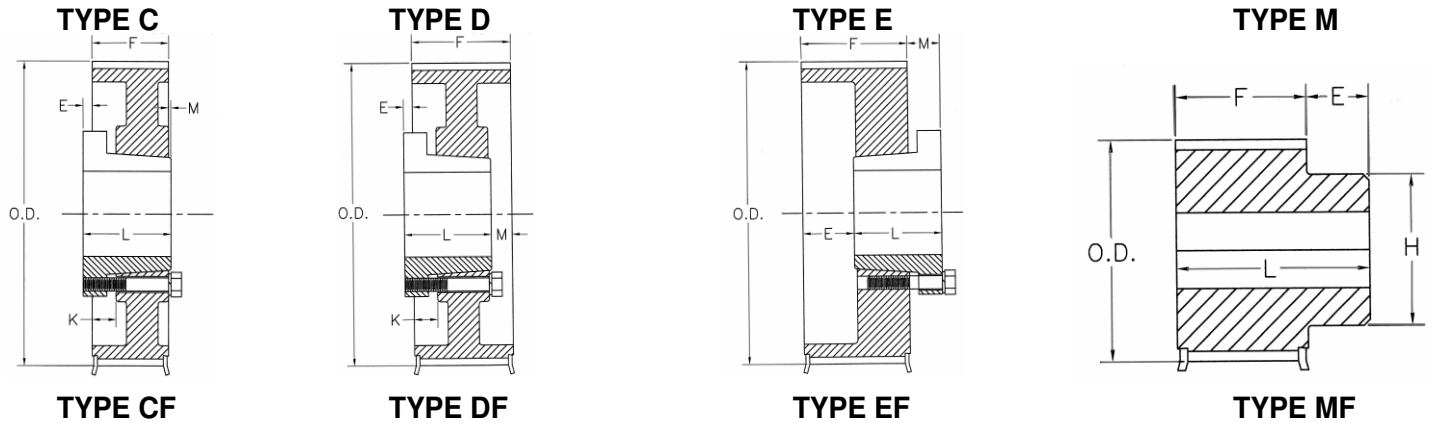
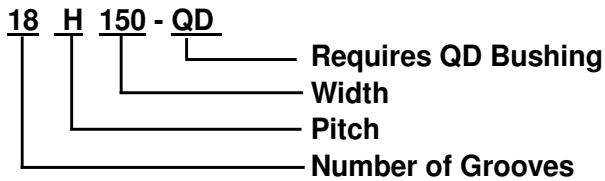


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction  
 1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

### Part Number Explanation



### FOR BELTS 1-1/2 INCH WIDE • 1/2 INCH PITCH (H150)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max •		
14H150MPB	14	2.228	2.174	2-3/8	*	M1F	5/8	2-7/16				1-1/2	1-13/16	3/4	1	1.8
14H150QD	14	2.228	2.174	2-3/8	JAr	E1F	1-1/4	1	7/16				1-13/16	1/2	1-3/16	1.5
16H150MPB	16	2.546	2.492	2-3/4	*	M1F	3/4	2-9/16				2	1-13/16	3/4	1-1/4	2.5
16H150QD	16	2.546	2.492	2-3/4	JAr	E1F	1-1/4	1	7/16				1-13/16	1/2	1-3/16	2.0
17H150MPB	17	2.706	2.652	3	*	M1F	3/4	2-9/16				2	1-13/16	3/4	1-1/4	2.8
18H150MPB	18	2.865	2.811	3-1/4	*	M1F	3/4	2-9/16				2-1/4	1-13/16	3/4	1-1/2	3.3
18H150QD	18	2.865	2.811	3-1/4	SHr	E1F	1-1/16	1-1/4	1/2				1-13/16	1/2	1-5/8	1.3
19H150MPB	19	3.024	2.970	3-1/4	*	M1F	7/8	2-5/8				2-1/4	1-13/16	3/4	1-9/16	3.9
20H150MPB	20	3.183	3.129	3-5/16	*	M1F	7/8	2-11/16				2-1/2	1-13/16	3/4	1-5/8	4.3
20H150QD	20	3.183	3.129	3-5/16	SHr	E1F	1-1/16	1-1/4	1/2				1-13/16	1/2	1-5/8	1.8
21H150MPB	21	3.342	3.288	3-9/16	*	M1F	15/16	2-3/4				2-1/2	1-13/16	3/4	1-11/16	5.3
22H150MPB	22	3.501	3.447	3-3/4	*	M1F	1	2-13/16				2-7/8	1-13/16	3/4	1-7/8	5.4
22H150QD	22	3.501	3.447	3-3/4	SDr	E1F	9/16	1-13/16	9/16				1-13/16	1/2	1-15/16	2.0
24H150MPB	24	3.820	3.766	4	*	M1F	1	2-13/16				3-1/8	1-13/16	3/4	2-1/8	6.5
24H150QD	24	3.820	3.766	4	SDr	E1F	9/16	1-13/16					1-13/16	1/2	1-15/16	2.6
26H150MPB	26	4.138	4.084	4-3/8	*	M1F	1	2-13/16				3-1/2	1-13/16	3/4	2-1/2	8.4
26H150QD	26	4.138	4.084	4-3/8	SD	D1F	1/16	1-13/16	1/16	1/2			1-13/16	1/2	1-15/16	3.0
28H150MPB	28	4.456	4.402	4-11/16	*	M1F	1-1/8	2-15/16				3-5/8	1-13/16	3/4	2-5/8	9.3
28H150QD	28	4.456	4.402	4-11/16	SD	D1F	1/16	1-13/16	1/16	1/2			1-13/16	1/2	1-15/16	4.0
30H150QD	30	4.775	4.721	5	SD	D1F	1/16	1-13/16	1/16	1/2			1-13/16	1/2	1-15/16	4.9
32H150QD	32	5.093	5.039	5-5/16	SK	C1F	1/16	1-7/8	0	9/16			1-13/16	1/2	2-1/2	5.8
36H150QD	36	5.730	5.678	5-61/64	SK	C1F	1/16	1-7/8	0	9/16			1-13/16	1/2	2-1/2	7.0
40H150QD	40	6.366	6.312	6-9/16	SK	C1F	1/16	1-7/8	0	9/16			1-13/16	1/2	2-1/2	9.2
44H150QD	44	7.003	6.953	7-1/4	SK	C1F	1/16	1-7/8	0	9/16			1-13/16	1/2	2-1/2	11.0
48H150QD	48	7.639	7.585	7-7/8	SK	C2F	1/16	1-7/8	0	9/16			1-13/16	1/2	2-1/2	13.7
60H150QD	60	9.549	9.495		SF	D3	3/8	2	3/16	1/4			1-13/16	1/2	2-3/4	12.5
72H150QD	72	11.459	11.405		SF	D3	3/8	2	3/16	1/4			1-13/16	1/2	2-3/4	16.7
84H150QD	84	13.369	13.315		SF	D3	3/8	2	3/16	1/4			1-13/16	1/2	2-3/4	20.8
96H150QD	96	15.279	15.225		SF	D3	3/8	2	3/16	1/4			1-13/16	1/2	2-3/4	25.0
120H150QD	120	19.099	19.045		SF	D3	3/8	2	3/16	1/4			1-13/16	1/2	2-3/4	34.5

\* Bored to suit construction (Type M) minimum plain bore only carried in stock □ Weight shown is for pulley without bushing  
 "r" = Reverse mount only • Maximum bore without keyway



# 1/2" pitch (H) stock pulley dimensions positive drive pulleys

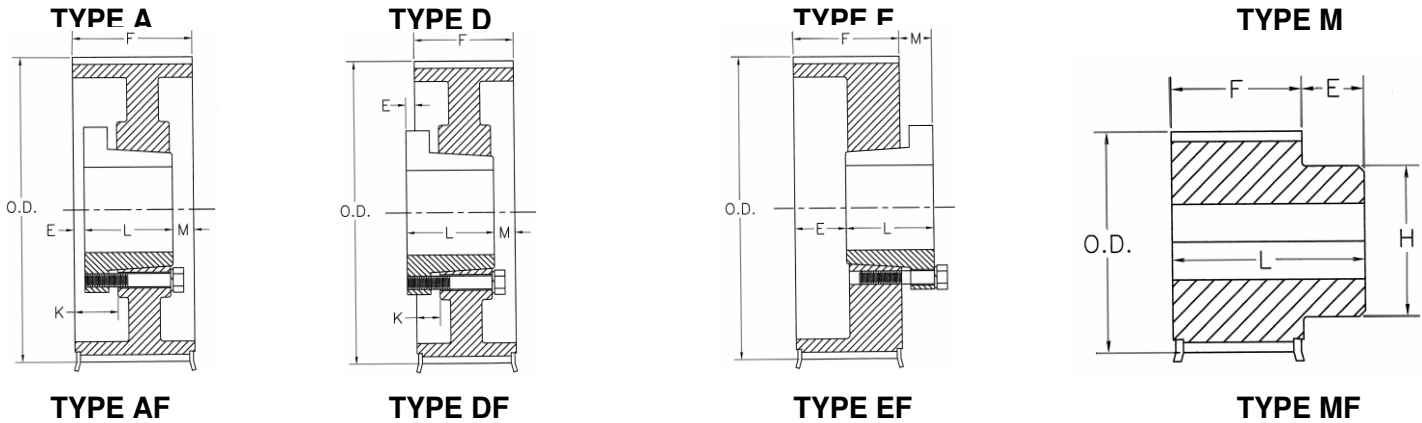
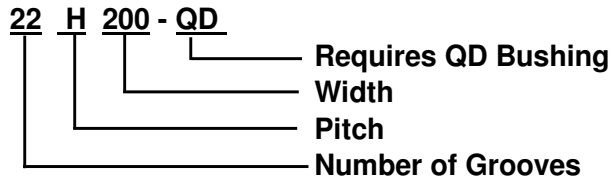


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction  
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

### Part Number Explanation



## FOR BELTS 2 INCH WIDE • 1/2 INCH PITCH (H200)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)
			Pulley	Flange			E	L	M	K	H	F	Min	Max •	
14H200MPB	14	2.228	2.174	2-3/8	*	M1F	5/8	2-31/32			1-1/2	2-11/32	3/4	1	2.2
14H200QD	14	2.228	2.174	2-3/8	JAr	E1F	1-25/32	1	7/16			2-11/32	5/8	1-3/16	2.0
16H200MPB	16	2.546	2.492	2-3/4	*	M1F	3/4	3-3/32			2	2-11/32	3/4	1-1/4	3.1
16H200QD	16	2.546	2.492	2-3/4	JAr	E1F	1-25/32	1	7/16			2-11/32	5/8	1-3/16	2.6
17H200MPB	17	2.706	2.652	3	*	M1F	3/4	3-3/32			2	2-11/32	3/4	1-1/4	3.4
18H200MPB	18	2.865	2.811	3-1/4	*	M1F	3/4	3-3/32			2-1/4	2-11/32	3/4	1-1/2	3.7
18H200QD	18	2.865	2.811	3-1/4	SHr	E1F	1-19/32	1-1/4	1/2			2-11/32	1/2	1-5/8	1.6
19H200MPB	19	3.024	2.970	3-1/4	*	M1F	7/8	3-5/32			2-1/4	2-11/32	3/4	1-9/16	3.9
20H200MPB	20	3.183	3.129	3-5/16	*	M1F	7/8	3-5/32			2-1/2	2-11/32	3/4	1-5/8	4.9
20H200QD	20	3.183	3.129	3-5/16	SHr	E1F	1-19/32	1-1/4	1/2			2-11/32	1/2	1-5/8	2.2
21H200MPB	21	3.342	3.288	3-9/16	*	M1F	7/8	3-5/32			2-1/4	2-11/32	1	1-11/16	6.1
22H200MPB	22	3.501	3.447	3-3/4	*	M1F	1	3-11/32			2-7/8	2-11/32	1	1-7/8	6.3
22H200QD	22	3.501	3.447	3-3/4	SDr	E1F	1-3/32	1-13/16	9/16			2-11/32	1/2	1-15/16	2.5
24H200MPB	24	3.820	3.766	4	*	M1F	1	3-11/32			3-1/8	2-11/32	1	2-1/8	7.5
24H200QD	24	3.820	3.766	4	SDr	E1F	1-3/32	1-13/16	9/16			2-11/32	1/2	1-15/16	3.0
26H200MPB	26	4.138	4.084	4-3/8	*	M1F	1-1/8	3-15/32			3-1/2	2-11/32	1	2-1/2	9.5
26H200QD	26	4.138	4.084	4-3/8	SD	A1F	1/16	1-13/16	15/32	5/8		2-11/32	1/2	1-15/16	3.9
28H200MPB	28	4.456	4.402	4-11/16	*	M1F	1-1/8	3-15/32			3-5/8	2-11/32	1	2-5/8	11.0
28H200QD	28	4.456	4.402	4-11/16	SD	A1F	1/16	1-13/16	15/32	5/8		2-11/32	1/2	1-15/16	4.7
30H200QD	30	4.775	4.721	5	SD	D1F	1/16	1-13/16	19/32	1/2		2-11/32	1/2	1-15/16	5.7
32H200QD	32	5.093	5.039	5-5/16	SK	D1F	1/8	1-7/8	19/32	1/2		2-11/32	1/2	2-1/2	6.7
36H200QD	36	5.730	5.678	5-61/64	SK	D1F	1/8	1-7/8	19/32	1/2		2-11/32	1/2	2-1/2	8.0
40H200QD	40	6.366	6.312	6-9/16	SK	D1F	1/8	1-7/8	19/32	1/2		2-11/32	1/2	2-1/2	10.2
44H200QD	44	7.003	6.953	7-1/4	SK	D1F	1/8	1-7/8	19/32	1/2		2-11/32	1/2	2-1/2	12.5
48H200QD	48	7.639	7.585	7-7/8	SF	D1F	1/8	2	15/32	1/2		2-11/32	1/2	2-3/4	14.1
60H200QD	60	9.549	9.495		SF	D3	1/8	2	15/32	1/2		2-11/32	1/2	2-3/4	14.6
72H200QD	72	11.459	11.405		SF	D3	1/8	2	15/32	1/2		2-11/32	1/2	2-3/4	19.4
84H200QD	84	13.369	13.315		SF	D3	1/8	2	15/32	1/2		2-11/32	1/2	2-3/4	24.2
96H200QD	96	15.279	15.225		E	D3	3/8	2-5/8	3/32	1/2		2-11/32	7/8	3-7/16	32.0
120H200QD	120	19.099	19.045		E	D3	3/8	2-5/8	3/32	1/2		2-11/32	7/8	3-7/16	43.0

\*Bored to suit construction (Type M) minimum plain bore only carried in stock □ Weight shown is for pulley without bushing

"r" = Reverse mount only

• Maximum bore without keyway



# 1/2" pitch (H) stock pulley dimensions positive drive pulleys

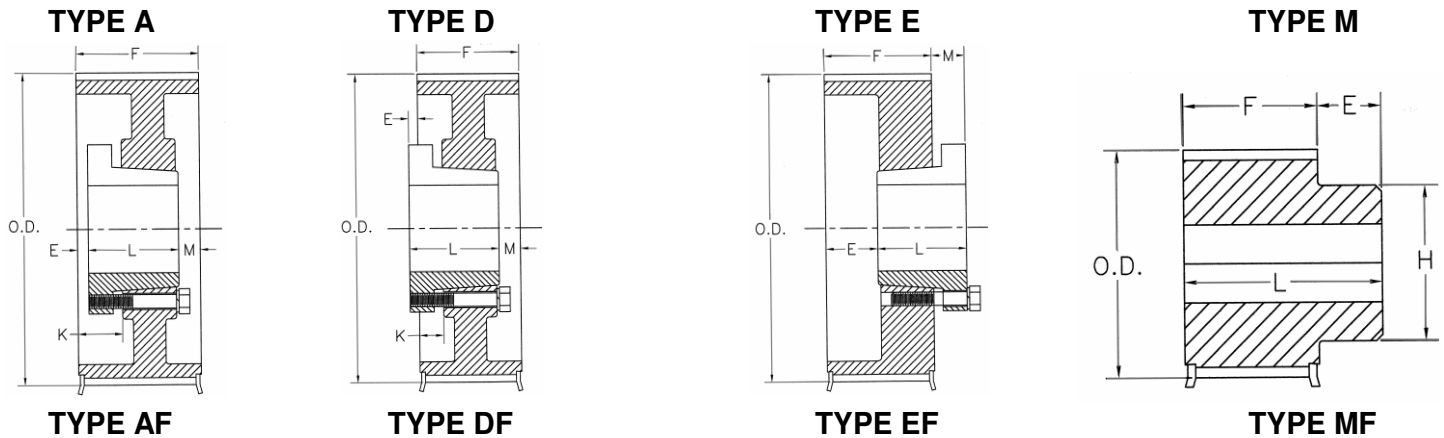
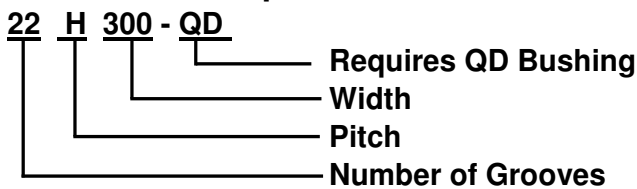


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction  
 1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

### Part Number Explanation



### FOR BELTS 3 INCH WIDE • 1/2 INCH PITCH (H300)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max •		
16H300MPB	16	2.546	2.492	2-3/4	*	M1F	3/4	4-1/8				2	3-3/8	3/4	1-1/4	4.2
17H300MPB	17	2.706	2.652	3	*	M1F	3/4	4-1/8				2	3-3/8	3/4	1-1/4	4.3
18H300MPB	18	2.865	2.811	3-1/4	*	M1F	3/4	4-1/8				2-1/4	3-3/8	3/4	1-1/2	4.4
19H300MPB	19	3.024	2.970	3-1/4	*	M1F	7/8	4-1/4				2-1/4	3-3/8	3/4	1-9/16	5.0
20H300MPB	20	3.183	3.129	3-5/16	*	M1F	7/8	4-1/4				2-1/2	3-3/8	3/4	1-5/8	7.4
21H300MPB	21	3.342	3.288	3-9/16	*	M1F	15/16	4-15/16				2-1/2	3-3/8	1	1-5/8	8.2
22H300MPB	22	3.501	3.447	3-3/4	*	M1F	1	4-3/8				2-7/8	3-3/8	1-1/8	1-7/8	8.7
22H300QD	22	3.501	3.447	3-3/4	SDr	E1F	2-1/8	1-13/16	9/16				3-3/8	1/2	1-15/16	4.1
24H300MPB	24	3.820	3.766	4	*	M1F	1	4-3/8				3-1/8	3-3/8	1-1/8	2-1/8	10.0
24H300QD	24	3.820	3.766	4	SDr	E1F	2-1/8	1-13/16	9/16				3-3/8	1/2	1-15/16	4.1
26H300MPB	26	4.138	4.084	4-3/8	*	M1F	1-1/8	4-1/2				3-1/2	3-3/8	1-1/8	2-1/2	12.3
26H300QD	26	4.138	4.084	4-3/8	SD	A1F	1/16	1-13/16	1-1/2	5/8			3-3/8	1/2	1-15/16	5.0
28H300MPB	28	4.456	4.402	4-11/16	*	M1F	1-1/8	4-1/2				3-5/8	3-3/8	1-1/8	2-5/8	15.0
28H300QD	28	4.456	4.402	4-11/16	SD	A1F	1/16	1-13/16	1-1/2	5/8			3-3/8	1/2	1-15/16	6.0
30H300QD	30	4.775	4.721	5	SD	A1F	7/16	1-13/16	1-1/8	1			3-3/8	1/2	1-15/16	7.2
32H300QD	32	5.093	5.039	5-5/16	SK	A1F	3/8	1-7/8	1-1/8	1			3-3/8	1/2	2-1/2	8.4
36H300QD	36	5.730	5.678	5-61/64	SK	A1F	3/8	1-7/8	1-1/8	1			3-3/8	1/2	2-1/2	10.0
40H300QD	40	6.366	6.312	6-9/16	SK	A1F	3/8	1-7/8	1-1/8	1			3-3/8	1/2	2-1/2	12.2
44H300QD	44	7.003	6.953	7-1/4	SK	A1F	3/8	1-7/8	1-1/8	1			3-3/8	1/2	2-1/2	15.5
48H300QD	48	7.639	7.585	7-7/8	SF	A1F	3/8	2	1	1			3-3/8	1/2	2-3/4	16.6
60H300QD	60	9.549	9.495		SF	A3	3/8	2	1	1			3-3/8	1/2	2-3/4	17.9
72H300QD	72	11.459	11.405		SF	A3	3/8	2	1	1			3-3/8	1/2	2-3/4	23.5
84H300QD	84	13.369	13.315		SF	A3	3/8	2	1	1			3-3/8	1/2	2-3/4	29.0
96H300QD	96	15.279	15.225		E	D3	1/8	2-5/8	7/8	3/4			3-3/8	7/8	3-7/16	38.0
120H300QD	120	19.099	19.045		E	D3	1/8	2-5/8	7/8	3/4			3-3/8	7/8	3-7/16	51.0

\*Bored to suit construction (Type M) minimum plain bore only carried in stock □ Weight shown is for pulley without bushing  
 "r" = Reverse mount only • Maximum bore without keyway