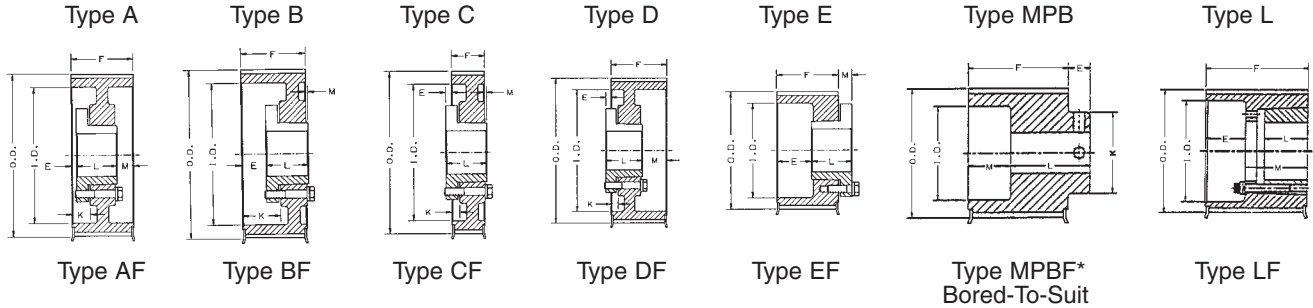


## SPROCKET TYPES

The synchronous sprockets listed in the tables below are all stock sizes. All dimensions given are for the sprocket with the Sure-Grip bushing in place and are in inches only.



The figure following the sketch reference letter in the "Type" column indicates the construction of the sprocket. (1 = Solid, 2 = Web, and 3 = Arms), and the letter "F" indicates that the sprocket has flanges.

PRODUCT NO.	BUSHING	NO. OF TEETH	DIAMETERS			TYPE	DIMENSIONS (INCHES)				BORE		WT.	
			P.D.	O.D.			I.D.	E	K	L	M	Min.		Max.
				Sprocket	Flange									
<b>FOR BELTS 20mm (.79 in.) WIDE • 8mm PITCH (8M-20)</b>														
			<b>Face Width (F) = 1-1/8</b>			<b>Dual Drilled (inch/metric) ①</b>								
P228M20*	...	22	2.206	2.152	2.56	...	MPB1F	5/8	15/8	13/4	0	* 1/2	13/16	1.1
P248M20	JA	24	2.406	2.352	2.76	1.34	E1F	19/32	0	1	19/32	1/2	11/4	1.0
P268M20	JA	26	2.607	2.553	2.95	1.88	E1F	19/32	0	1	19/32	1/2	11/4	1.2
P288M20	QT	28	2.807	2.759	3.15	1.57	E1F	1/4	0	11/4	3/8	1/2	11/2	1.6
P308M20	QT	30	3.008	2.958	3.35	1.57	E1F	1/4	0	11/4	3/8	1/2	11/2	1.9
P328M20	QT	32	3.208	3.156	3.54	2.56	D1F	1/8	1/4	11/4	0	1/2	11/2	2.0
P348M20	SH	34	3.409	3.355	3.82	2.75	D1F	1/4	5/16	11/4	1/8	1/2	111/16	2.0
P368M20	SH	36	3.609	3.555	3.94	2.82	D1F	1/4	5/16	11/4	1/8	1/2	111/16	2.2
P388M20	SH	38	3.810	3.756	4.13	3.00	D1F	1/4	5/16	11/4	1/8	1/2	111/16	2.5
P408M20	SH	40	4.010	3.956	4.33	3.00	D1F	1/4	5/16	11/4	1/8	1/2	111/16	2.8
P448M20	SDS	44	4.411	4.357	4.76	3.50	D1F	1/4	3/8	15/16	1/16	1/2	2	3.4
P488M20	SDS	48	4.812	4.758	5.16	3.80	D1F	1/4	3/8	15/16	1/16	1/2	2	4.0
P568M20	SDS	56	5.614	5.560	5.95	4.60	D1F	1/4	3/8	15/16	1/16	1/2	2	5.3
P648M20	SDS	64	6.416	6.362	6.77	5.40	D1F	1/4	3/8	15/16	1/16	1/2	2	6.9
P728M20	SDS	72	7.218	7.164	7.60	6.20	D2F	1/4	3/8	15/16	1/16	1/2	2	6.7
P808M20	SDS	80	8.020	7.966	8.39	6.90	D2F	1/4	3/8	15/16	1/16	1/2	2	7.5
P908M20	SDS	90	9.023	8.969	...	7.90	D3	1/4	3/8	15/16	1/16	1/2	2	8.5

Weights for all Sure-Grip bushed items are approximate and include the bushing.

\* Bored-To-Suit construction, minimum plain bore with 2 setscrews.

① Drilled for both inch and metric bushing hardware.

# SYNCHRONOUS 'QD' SPROCKET DIMENSIONS



PRODUCT NO.	BUSH-ING	NO. OF TEETH	DIAMETERS			TYPE	DIMENSIONS (INCHES)				BORE		WT.	
			P.D.	O.D.			I.D.	E	K	L	M	Min.		Max.
				Sprocket	Flange									
<b>FOR BELTS 30mm (1.18 in.) WIDE • 8mm PITCH (8M-30) Face Width (F) = 1-1/2 Dual Drilled (inch/metric) ①</b>														
P228M30	...	22	2.206	2.152	2.56	...	MPB1F	5/8	15/8	2 1/8	0	* 1/2	1 3/16	1.5
P248M30	JA	24	2.406	2.352	2.76	1.34	E1F	31/32	0	1	15/32	1/2	1 1/4	.8
P268M30	JA	26	2.607	2.553	2.95	1.88	E1F	31/32	0	1	15/32	1/2	1 1/4	.9
P288M30	QT	28	2.807	2.759	3.15	1.57	E1F	5/8	0	1 1/4	3/8	1/2	1 1/2	1.8
P308M30	QT	30	3.008	2.958	3.35	1.57	E1F	5/8	0	1 1/4	3/8	1/2	1 1/2	2.2
P328M30	QT	32	3.208	3.156	3.54	2.56	B1F	1/4	5/8	1 1/4	0	1/2	1 1/2	2.0
P348M30	SH	34	3.409	3.355	3.82	2.75	A1F	1/8	1 1/16	1 1/4	1/8	1/2	1 11/16	2.3
P368M30	SH	36	3.609	3.555	3.94	2.82	A1F	1/8	1 1/16	1 1/4	1/8	1/2	1 11/16	2.7
P388M30	SH	38	3.810	3.756	4.13	3.00	A1F	1/8	1 1/16	1 1/4	1/8	1/2	1 11/16	3.0
P408M30	SH	40	4.010	3.956	4.33	3.00	A1F	1/8	1 1/16	1 1/4	1/8	1/2	1 11/16	3.3
P448M30	SDS	44	4.411	4.357	4.76	3.50	A1F	1/8	3/4	1 5/16	1/16	1/2	2	3.8
P488M30	SDS	48	4.812	4.758	5.16	3.80	A1F	1/8	3/4	1 5/16	1/16	1/2	2	4.5
P568M30	SDS	56	5.614	5.560	5.95	4.60	A1F	1/8	3/4	1 5/16	1/16	1/2	2	5.9
P648M30	SK	64	6.416	6.362	6.77	5.40	D1F	15/32	1/4	1 7/8	3/32	1/2	2 5/8	10.4
P728M30	SK	72	7.218	7.164	7.60	6.20	D2F	15/32	1/4	1 7/8	3/32	1/2	2 5/8	10.7
P808M30	SK	80	8.020	7.966	8.39	6.90	D2F	15/32	1/4	1 7/8	3/32	1/2	2 5/8	11.8
P908M30	SK	90	9.023	8.969	9.40	7.90	D2	15/32	1/4	1 7/8	3/32	1/2	2 5/8	13.5
P1128M30	SK	112	11.229	11.175	...	10.00	D3	15/32	1/4	1 7/8	3/32	1/2	2 5/8	16.3
<b>FOR BELTS 50mm (1.97 in.) WIDE • 8mm PITCH (8M-50) Face Width (F) = 2-3/8 Dual Drilled (inch/metric) ①</b>														
P288M50	...	28	2.807	2.759	3.15	...	MPB1F	3/4	2 9/32	3 1/8	0	* 3/4	1 3/8	3.7
P308M50*	...	30	3.008	2.958	3.35	...	MPB1F	3/4	2 15/32	3 1/8	0	* 3/4	1 3/8	4.3
P328M50*	...	32	3.208	3.156	3.54	...	MPB1F	3/4	2 11/16	3 1/8	0	* 1/2	1 1/2	5.3
P348M50	SH	34	3.409	3.355	3.82	2.75	D1F	1/16	1/2	1 1/4	1 3/16	1/2	1 11/16	2.7
P368M50	SH	36	3.609	3.555	3.94	2.82	D1F	1/16	1/2	1 1/4	1 3/16	1/2	1 11/16	3.4
P388M50	SH	38	3.810	3.756	4.13	3.00	D1F	1/16	1/2	1 1/4	1 3/16	1/2	1 11/16	3.7
P408M50	SH	40	4.010	3.956	4.33	3.00	D1F	1/16	1/2	1 1/4	1 3/16	1/2	1 11/16	4.2
P448M50	SD	44	4.411	4.357	4.76	3.50	D1F	1/16	9/16	1 13/16	5/8	1/2	2	5.7
P488M50	SD	48	4.812	4.758	5.16	3.80	D1F	1/16	9/16	1 13/16	5/8	1/2	2	6.9
P568M50	SK	56	5.614	5.560	5.95	4.60	D1F	5/32	9/16	1 7/8	2 1/32	1/2	2 5/8	9.4
P648M50	SK	64	6.416	6.362	6.77	5.40	D1F	5/32	9/16	1 7/8	2 1/32	1/2	2 5/8	12.0
P728M50	SK	72	7.218	7.164	7.60	6.20	D1F	5/32	9/16	1 7/8	2 1/32	1/2	2 5/8	15.0
P808M50	SF	80	8.020	7.966	8.39	6.90	D2F	1/8	9/16	2	1/2	1/2	2 15/16	17.0
P908M50	SF	90	9.023	8.969	...	7.90	D2	1/8	9/16	2	1/2	1/2	2 15/16	19.1
P1128M50	SF	112	11.229	11.175	...	10.00	D3	1/8	9/16	2	1/2	1/2	2 15/16	23.9
P1448M50	E	144	14.437	14.383	...	13.20	D3	17/32	3/8	2 5/8	9/32	7/8	3 1/2	38.1
P1928M50	E	192	19.249	19.195	...	18.00	D3	17/32	3/8	2 5/8	9/32	7/8	3 1/2	52.5
<b>FOR BELTS 85mm (3.35 in.) WIDE • 8mm PITCH (8M-85) Face Width (F) = 3-3/4 Dual Drilled (inch/metric) ①</b>														
P348M85*	...	34	3.409	3.355	3.82	...	MPB1F	3/4	2 15/16	4 1/2	0	* 7/8	1 3/4	8.4
P368M85	SKL	36	3.609	3.555	3.94	2.88	L1F	1 25/32	...	1 1/4	1 31/32	1/2	1 15/16	4.6
P388M85	SKL	38	3.810	3.756	4.13	3.00	L1F	1 25/32	...	1 1/4	1 31/32	1/2	1 15/16	5.4
P408M85	SKL	40	4.010	3.956	4.33	3.00	L1F	1 25/32	...	1 1/4	1 31/32	1/2	1 15/16	6.0
P448M85	SFL	44	4.411	4.357	4.76	3.50	L1F	1 25/32	...	1 1/4	1 31/32	1/2	2 3/8	7.5
P488M85	SFL	48	4.812	4.758	5.16	3.63	L1F	1 25/32	...	1 1/4	1 31/32	1/2	2 3/8	9.5
P568M85	EL	56	5.614	5.560	5.95	4.56	L1F	1 3/8	...	1 5/8	2 3/8	7/8	2 7/8	13.5
P648M85	SF	64	6.416	6.362	6.77	5.38	A1F	9/16	1 1/4	2	1 3/16	1/2	2 15/16	15.6
P728M85	E	72	7.218	7.164	7.60	6.19	A1F	5/32	1 1/16	2 5/8	3 1/32	7/8	3 1/2	24.0
P808M85	E	80	8.020	7.966	8.39	6.88	A1F	5/32	1 1/16	2 5/8	3 1/32	7/8	3 1/2	29.1
P908M85	E	90	9.023	8.969	...	7.88	A1	7/32	1 1/16	2 5/8	3 1/32	7/8	3 1/2	35.5
P1128M85	F	112	11.229	11.175	...	10.00	D1	7/16	5/8	3 5/8	9/16	1	4	70.5
P1448M85	F	144	14.437	14.383	...	13.19	B3	7/16	5/8	3 5/8	9/16	1	4	64.5
P1928M85	F	192	19.249	19.195	...	18.00	D3	7/16	5/8	3 5/8	9/16	1	4	78.1

Weights for all Sure-Grip bushed items are approximate and include the bushing.  
 \* Bored-To-Suit construction, minimum plain bore with 2 setscrews.