



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.	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 20 mm (.79 in.) WIDE • 14mm PITCH (14M-20) Face Width (F) = 31 mm (1.22 in.) Dual Drilled (inch/metric) ①</b>														
W2814M20	SK	28	4.912	4.802	5.56	...	D1F	0.71	...	1.88	0.06	0.500	2.625	5.6
W2914M20	SK	29	5.088	4.978	5.56	...	D1F	0.71	...	1.88	0.06	0.500	2.625	6.0
W3014M20	SK	30	5.263	5.153	5.56	...	D1F	0.71	...	1.88	0.06	0.500	2.625	6.4
W3214M20	SK	32	5.614	5.504	6.09	...	D1F	0.71	...	1.88	0.06	0.500	2.625	7.3
W3414M20	SK	34	5.965	5.855	6.50	...	D1F	0.71	...	1.88	0.06	0.500	2.625	8.2
W3614M20	SF	36	6.316	6.206	6.87	...	C1F	0.69	...	2.00	0.09	0.500	2.938	9.8
W3814M20	SF	38	6.667	6.557	7.22	...	C1F	0.69	...	2.00	0.09	0.500	2.938	10.9
W4014M20	SF	40	7.018	6.908	7.50	...	C1F	0.69	...	2.00	0.09	0.500	2.938	12.0
W4414M20	E	44	7.720	7.610	8.34	...	C1F	0.91	...	2.62	0.50	0.875	3.500	19.8
W4814M20	E	48	8.421	8.311	8.90	...	C1F	0.91	...	2.62	0.50	0.875	3.500	22.5
W5214M20	E	52	9.123	9.013	9.68	...	C1F	0.91	...	2.62	0.50	0.875	3.500	25.4
W5614M20	E	56	9.825	9.715	10.38	...	C1F	0.91	...	2.62	0.50	0.875	3.500	28.5
W6014M20	E	60	10.527	10.417	11.06	...	C1F	0.91	...	2.62	0.50	0.875	3.500	32.8
W6414M20	E	64	11.229	11.119	11.68	9.25	C2F	0.91	...	2.62	0.50	0.875	3.500	30.6
W6814M20	E	68	11.930	11.820	12.50	10.00	C2F	0.91	...	2.62	0.50	0.875	3.500	32.7
W7214M20	E	72	12.632	12.522	13.19	10.69	C2F	0.91	...	2.62	0.50	0.875	3.500	31.4
W8014M20	E	80	14.036	13.926	14.63	12.12	C2F	0.91	...	2.62	0.50	0.875	3.500	35.3
W9014M20	E	90	15.790	15.680	...	14.50	C3	1.09	-0.19	2.62	0.31	0.875	3.500	37.2
W11214M20	E	112	19.650	19.540	...	18.38	C3	1.09	-0.19	2.62	0.31	0.875	3.500	46.9
W14414M20	E	144	25.264	25.154	...	23.88	C3	1.09	-0.19	2.62	0.31	0.875	3.500	71.1
W16814M20	F	168	29.475	29.365	...	27.97	C3	1.50	-0.44	3.62	0.91	1.000	4.000	108.1
W19214M20	J	192	33.686	33.576	...	31.95	C3	1.94	-0.69	4.50	1.34	1.438	4.500	166.0
W21614M20	J	216	37.896	37.786	...	35.81	C3	1.94	-0.69	4.50	1.34	1.438	4.500	192.0
<b>FOR BELTS 42 mm (1.65 in.) WIDE • 14mm PITCH (14M-42) Face Width (F) = 53 mm (2.09 in.) Dual Drilled (inch/metric) ①</b>														
W2814M42	SK	28	4.912	4.802	5.56	...	E1F	0.84	...	1.88	0.63	0.500	2.625	7.5
W2914M42	SK	29	5.088	4.978	5.56	...	E1F	0.84	...	1.88	0.63	0.500	2.625	8.2
W3014M42	SK	30	5.263	5.153	5.56	4.04	D1F	0.30	0.42	1.88	0.51	0.500	2.625	7.9
W3214M42	SK	32	5.614	5.504	6.09	4.04	D1F	0.30	0.42	1.88	0.51	0.500	2.625	9.4
W3414M42	SF	34	5.965	5.855	6.50	4.44	E1F	0.78	0.00	2.00	0.68	0.500	2.938	10.8
W3614M42	SF	36	6.316	6.206	6.87	4.84	D1F	0.26	0.42	2.00	0.36	0.500	2.938	11.9
W3814M42	SF	38	6.667	6.557	7.22	4.94	D1F	0.26	0.42	2.00	0.36	0.500	2.938	13.6
W4014M42	SF	40	7.018	6.908	7.50	5.06	D1F	0.26	0.42	2.00	0.36	0.500	2.938	15.3
W4414M42	E	44	7.720	7.610	8.34	6.12	D1F	0.67	0.23	2.62	0.14	0.875	3.500	22.4
W4814M42	E	48	8.421	8.311	8.90	6.50	D1F	0.67	0.23	2.62	0.14	0.875	3.500	16.6
W5214M42	E	52	9.123	9.013	9.68	7.18	D1F	0.67	0.23	2.62	0.14	0.875	3.500	30.7
W5614M42	E	56	9.825	9.715	10.38	7.88	D1F	0.67	0.23	2.62	0.14	0.875	3.500	35.2
W6014M42	E	60	10.527	10.417	11.06	8.50	D1F	0.67	0.23	2.62	0.14	0.875	3.500	40.1
W6414M42	E	64	11.229	11.119	11.68	9.25	D2F	0.67	0.23	2.62	0.14	0.875	3.500	36.2
W6814M42	E	68	11.930	11.820	12.50	10.00	D2F	0.67	0.23	2.62	0.14	0.875	3.500	38.6
W7214M42	E	72	12.632	12.522	13.19	10.69	D2F	0.67	0.23	2.62	0.14	0.875	3.500	37.8
W8014M42	E	80	14.036	13.926	14.63	12.12	D2F	0.67	0.23	2.62	0.14	0.875	3.500	42.3
W9014M42	F	90	15.790	15.680	...	14.50	C3	1.06	...	3.62	0.47	1.000	4.000	56.0
W11214M42	F	112	19.650	19.540	...	18.38	C3	1.06	...	3.62	0.47	1.000	4.000	74.1
W14414M42	F	144	25.264	25.147	...	23.88	C3	1.06	...	3.62	0.47	1.000	4.000	112.1
W16814M42	F	168	29.475	29.365	...	28.25	C3	1.06	...	3.62	0.47	1.000	4.000	148.4
W19214M42	J	192	33.686	33.576	...	32.38	C3	1.50	-0.25	4.50	0.91	1.438	4.500	177.0
W21614M42	J	216	37.896	37.786	...	36.38	C3	1.50	-0.25	4.50	0.91	1.438	4.500	206.0

Weights for all Sure-Grip bushed items are approximate and include the bushing. Refer to page C2—9 for balancing standards.

① Drilled for both inch and metric bushing hardware up thru W168-14M sprocket. On new production manufactured after Oct. 1, 1998.

# QT POWER CHAIN SPROCKET DIMENSIONS



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 65 mm (2.56 in.) WIDE • 14mm PITCH (14M-65) Face Width (F) = 77 mm (3.03 in.)</b>														
W2814M65	SFL	28	4.912	4.802	5.56	3.25	L1F	1.06	...	1.25	1.97	0.500	2.375	8.3
W2914M65	SFL	29	5.088	4.978	5.56	3.25	L1F	1.06	...	1.25	1.97	0.500	2.375	9.3
W3014M65	EL	30	5.263	5.153	5.56	3.94	L1F	0.65	...	1.62	2.38	0.875	2.875	9.2
W3214M65	EL	32	5.614	5.504	6.09	3.94	L1F	0.65	...	1.62	2.38	0.875	2.875	11.4
W3414M65	EL	34	5.965	5.855	6.50	4.06	L1F	0.65	...	1.62	2.38	0.875	2.875	13.6
W3614M65	FL	36	6.316	6.206	6.87	...	L1F	-0.47	...	2.50	3.50	1.000	3.125	18.5
W3814M65	FL	38	6.667	6.557	7.22	...	L1F	-0.47	...	2.50	3.50	1.000	3.125	21.5
W4014M65	FL	40	7.018	6.908	7.50	...	L1F	-0.47	...	2.50	3.50	1.000	3.125	24.5
W4414M65	E	44	7.720	7.610	8.34	6.12	D1F	0.03	0.88	2.62	0.44	0.875	3.500	25.5
W4814M65	E	48	8.421	8.311	8.90	6.50	D1F	0.03	0.88	2.62	0.44	0.875	3.500	30.8
W5214M65	E	52	9.123	9.013	9.68	7.18	D1F	0.03	0.88	2.62	0.44	0.875	3.500	35.4
W5614M65	F	56	9.825	9.715	10.38	7.88	C1F	0.53	0.53	3.62	0.06	1.000	4.000	51.1
W6014M65	F	60	10.527	10.417	11.06	8.50	C1F	0.53	0.53	3.62	0.06	1.000	4.000	58.5
W6414M65	F	64	11.229	11.119	11.68	9.25	C1F	0.53	0.53	3.62	0.06	1.000	4.000	66.1
W6814M65	F	68	11.930	11.820	12.50	10.00	C2F	0.53	0.53	3.62	0.06	1.000	4.000	59.2
W7214M65	F	72	12.632	12.522	13.19	10.69	C2F	0.53	0.53	3.62	0.06	1.000	4.000	63.2
W8014M65	F	80	14.036	13.926	14.63	12.12	C2F	0.53	0.53	3.62	0.06	1.000	4.000	65.5
W9014M65	F	90	15.790	15.680	...	14.50	C3	0.53	0.53	3.62	0.06	1.000	4.000	64.7
W11214M65	J	112	19.650	19.540	...	18.25	C3	1.25	...	4.50	0.22	1.438	4.500	102.6
W14414M65	M	144	25.264	25.154	...	23.88	C3	1.97	-0.50	6.75	1.75	1.938	5.500	240.0
W16814M65	M	168	29.475	29.365	...	28.09	C3	1.97	-0.50	6.75	1.75	1.938	5.500	238.0
W19214M65	M	192	33.686	33.576	...	32.25	C3	1.97	-0.50	6.75	1.75	1.938	5.500	310.3
W21614M65	M	216	37.896	37.786	...	36.38	C3	1.97	-0.50	6.75	1.75	1.938	5.500	349.3
<b>FOR BELTS 90 mm (3.54 in.) WIDE • 14mm PITCH (14M-90) Face Width (F) = 103 mm (4.06 in.)</b>														
W2814M90*	...	28	4.912	4.802	5.56	...	MPB1F	1.00	3.69	5.06	...	0.875*	2.625	18.9
W2914M90*	...	29	5.088	4.978	5.56	...	MPB1F	1.00	3.69	5.06	...	0.875*	2.625	20.2
W3014M90	EL	30	5.263	5.153	5.56	3.94	L1F	1.68	...	1.62	2.38	0.875	2.875	10.9
W3214M90	EL	32	5.614	5.504	6.09	3.94	L1F	1.68	...	1.62	2.38	0.875	2.875	13.9
W3414M90	EL	34	5.965	5.855	6.50	4.06	L1F	1.68	...	1.62	2.38	0.875	2.875	16.7
W3614M90	FL	36	6.316	6.206	6.87	4.69	L1F	0.56	...	2.50	3.50	1.000	3.125	20.9
W3814M90	FL	38	6.667	6.557	7.22	4.94	L1F	0.56	...	2.50	3.50	1.000	3.125	24.2
W4014M90	FL	40	7.018	6.908	7.50	5.06	L1F	0.56	...	2.50	3.50	1.000	3.125	27.8
W4414M90	FL	44	7.720	7.610	8.34	6.12	L1F	0.56	...	2.50	3.50	1.000	3.125	34.6
W4814M90	FL	48	8.421	8.311	8.90	6.50	L1F	0.56	...	2.50	3.50	1.000	3.125	42.9
W5214M90	F	52	9.123	9.013	9.68	7.18	D1F	0.28	0.78	3.62	0.72	1.000	4.000	49.5
W5614M90	F	56	9.825	9.715	10.38	7.88	D1F	0.28	0.78	3.62	0.72	1.000	4.000	56.7
W6014M90	F	60	10.527	10.417	11.06	8.50	D1F	0.28	0.78	3.62	0.72	1.000	4.000	64.9
W6414M90	F	64	11.229	11.119	11.68	9.25	D1F	0.28	0.78	3.62	0.72	1.000	4.000	72.8
W6814M90	F	68	11.930	11.820	12.50	10.00	D2F	0.28	0.78	3.62	0.72	1.000	4.000	68.5
W7214M90	F	72	12.632	12.522	13.19	10.69	D2F	0.28	0.78	3.62	0.72	1.000	4.000	73.8
W8014M90	J	80	14.036	13.926	14.63	12.12	C2F	0.38	0.88	4.50	0.06	1.438	4.500	94.6
W9014M90	J	90	15.790	15.680	...	14.50	C2	0.38	0.88	4.50	0.06	1.438	4.500	97.4
W11214M90	J	112	19.650	19.540	...	18.25	C3	0.38	0.88	4.50	0.06	1.438	4.500	110.6
W14414M90	M	144	25.264	25.154	...	23.88	C3	1.47	0.00	6.75	1.22	1.938	5.500	246.3
W16814M90	M	168	29.475	29.365	...	28.09	C3	1.47	...	6.75	1.22	1.938	5.500	281.3
W19214M90	M	192	33.686	33.576	...	32.25	C3	1.47	...	6.75	1.22	1.938	5.500	325.3
W21614M90	M	216	37.896	37.786	...	36.38	C3	1.47	...	6.75	1.22	1.938	5.500	423.3
<b>FOR BELTS 120 mm (4.72 in.) WIDE • 14mm PITCH (14M-120) Face Width (F) = 133 mm (5.24 in.)</b>														
W2814M120*	...	28	4.912	4.802	5.56	3.38	MPB1F	1.00	3.69	5.00	1.24	1.250*	2.625	20.1
W2914M120*	...	29	5.088	4.978	5.56	3.38	MPB1F	1.00	3.69	5.00	1.24	1.250*	2.625	22.0
W3014M120	EL	30	5.263	5.153	5.56	3.94	L1F	2.86	...	1.62	2.38	0.875	2.875	13.0
W3214M120	EL	32	5.614	5.504	6.09	3.94	L1F	2.86	...	1.62	2.38	0.875	2.875	16.7
W3414M120	FL	34	5.965	5.855	6.50	4.44	L1F	1.74	...	2.50	3.50	1.000	3.125	20.9
W3614M120	FL	36	6.316	6.206	6.87	4.69	L1F	1.74	...	2.50	3.50	1.000	3.125	23.5
W3814M120	FL	38	6.667	6.557	7.22	4.94	L1F	1.74	...	2.50	3.50	1.000	3.125	27.8
W4014M120	FL	40	7.018	6.908	7.50	5.06	L1F	1.74	...	2.50	3.50	1.000	3.125	32.2
W4414M120	FL	44	7.720	7.610	8.34	6.12	L1F	1.74	...	2.50	3.50	1.000	3.125	41.5
W4814M120	FL	48	8.421	8.311	8.90	6.50	L1F	1.74	...	2.50	3.50	1.000	3.125	48.3
W5214M120	F	52	9.123	9.013	9.68	7.18	A1F	0.31	1.38	3.62	1.30	1.000	4.000	55.4
W5614M120	F	56	9.825	9.715	10.38	7.88	A1F	0.31	1.38	3.62	1.30	1.000	4.000	63.2
W6014M120	F	60	10.527	10.417	11.06	8.50	A1F	0.31	1.38	3.62	1.30	1.000	4.000	72.2
W6414M120	J	64	11.229	11.119	11.68	9.25	D1F	0.23	1.02	4.50	0.97	1.438	4.500	93.3
W6814M120	J	68	11.930	11.820	12.50	10.00	D1F	0.23	1.02	4.50	0.97	1.438	4.500	104.1
W7214M120	J	72	12.632	12.522	13.19	10.69	D1F	0.23	1.02	4.50	0.97	1.438	4.500	116.0
W8014M120	J	80	14.036	13.926	14.63	12.12	D2F	0.23	1.02	4.50	0.97	1.438	4.500	104.1
W9014M120	M	90	15.790	15.680	...	14.50	C2	1.42	0.05	6.75	0.09	1.938	5.500	195.3
W11214M120	M	112	19.650	19.540	...	18.25	C3	1.42	0.05	6.75	0.09	1.938	5.500	193.3
W14414M120	M	144	25.264	25.154	...	23.63	C3	1.42	0.05	6.75	0.09	1.938	5.500	258.0
W16814M120	M	168	29.475	29.365	...	28.09	C3	1.42	0.05	6.75	0.09	1.938	5.500	319.3
W19214M120	N	192	33.686	33.576	...	32.25	C3	1.69	...	8.12	1.19	2.938	6.000	429.0
W21614M120	N	216	37.896	37.786	...	36.38	C3	1.69	...	8.12	1.19	2.938	6.000	487.0

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

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

Refer to page C2-9 for balancing standards.