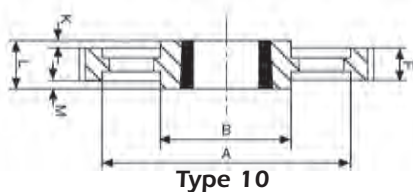
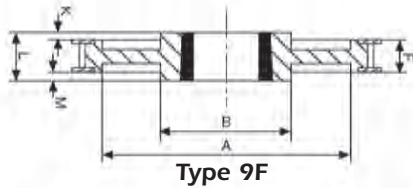
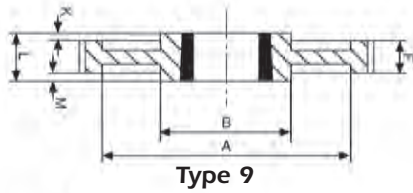
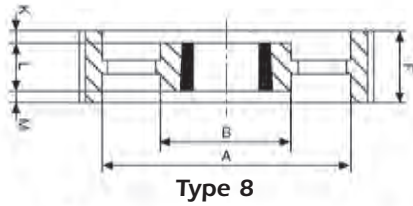
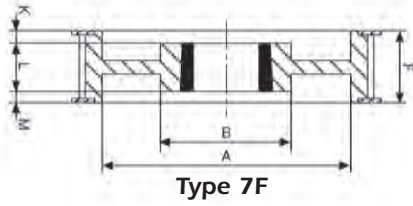
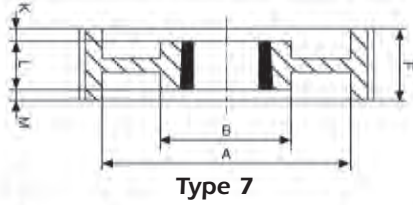
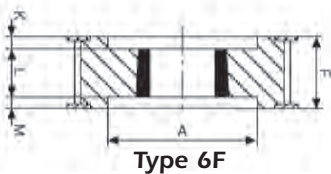
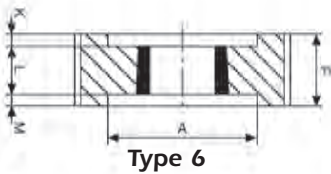
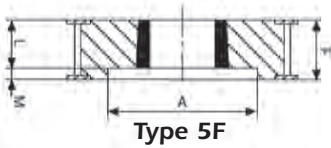
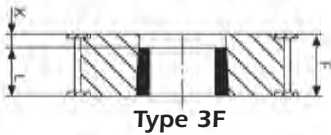
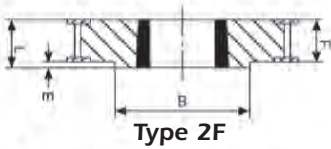
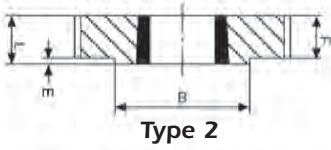
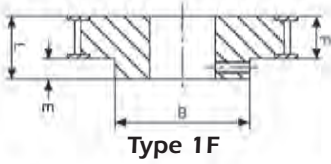


Poly Chain® GT2

Sprocket Information

Sprocket types



Poly Chain® GT2

8m - 12m / 8m - 21m

Sprocket Specifications

Pulley designation	No. of teeth	Pulley type	Bush No.	Max. bore		Diameters mm			A	B	E	F	K	L	M	Weight (kg)	Moment of inertia 10 ⁴ (kgm ²)
				Metric	Inch	Pitch	Outside	Flange									
22-8M-12	22	1F	PB	28*	1 1/8"	56.02	54.42	60	-	43	10	20	-	30	-	0.43	1.68
PL25-8M-12	25	2F	1108	28	1 1/8"	63.66	62.06	70	-	49	2	20	-	22	-	0.25	1.26
PL28-8M-12	28	2F	1108	28	1 1/8"	71.30	69.70	75	-	56	2	20	-	22	-	0.37	2.35
PL30-8M-12	30	2F	1210	32	1 1/4"	76.39	74.79	82.5	-	60	5	20	-	25	-	0.41	2.99
PL32-8M-12	32	2F	1610	42	1 5/8"	81.49	79.89	87	-	66	5	20	-	25	-	0.37	3.07
PL34-8M-12	34	2F	1610	42	1 5/8"	86.58	84.98	91	-	69	5	20	-	25	-	0.45	4.21
PL36-8M-12	36	2F	1610	42	1 5/8"	91.67	90.07	97	-	76	5	20	-	25	-	0.59	6.19
PL38-8M-12	38	2F	1610	42	1 5/8"	96.77	95.17	102	-	78	5	20	-	25	-	0.70	8.19
PL40-8M-12	40	2F	1610	42	1 5/8"	101.86	100.26	106	-	85	5	20	-	25	-	0.82	10.63
PL45-8M-12	45	2F	2012	50	2"	114.59	112.99	120	-	92	12	20	-	32	-	1.10	18.05
PL48-8M-12	48	2F	2012	50	2"	112.23	120.63	128	-	103	12	20	-	32	-	1.42	26.51
PL50-8M-12	50	2F	2012	50	2"	127.32	125.72	135	-	104	12	20	-	32	-	1.60	32.42
PL56-8M-12	56	2F	2012	50	2"	142.60	141.00	150	-	104	12	20	-	32	-	2.10	53.37
PL60-8M-12	60	2F	2012	50	2"	152.79	151.19	158	-	111	12	20	-	32	-	2.40	70.03
PL64-8M-12	64	2F	2012	50	2"	162.97	161.37	168	-	111	12	20	-	32	-	2.70	89.64
PL75-8M-12	75	2	2012	50	2"	190.99	189.39	-	-	111	12	20	-	32	-	3.70	168.70
PL80-8M-12	80	2	2012	50	2"	203.72	202.12	-	-	111	12	20	-	32	-	4.40	228.26
PL90-8M-12	90	2	2012	50	2"	229.18	227.58	-	-	111	12	20	-	32	-	5.50	361.10

Pulley designation	No. of teeth	Pulley type	Bush No.	Max. bore		Diameters mm			A	B	E	F	K	L	M	Weight (kg)	Moment of inertia 10 ⁴ (kgm ²)	
				Metric	Inch	Pitch	Outside	Flange										
22-8M-21	22	1F	PB	28*	1 1/8"	56.02	54.42	60	-	43	12	30	-	42	-	0.56	2.19	
PL25-8M-21	25	3F	1108	28	1 1/8"	63.66	62.06	70	-	-	-	30	8	22	-	0.36	1.82	
PL28-8M-21	28	3F	1210	32	1 1/4"	71.30	69.70	75	-	-	-	30	5	25	-	0.41	2.60	
PL30-8M-21	30	3F	1210	32	1 1/4"	76.39	74.79	82.5	-	-	-	30	5	25	-	0.56	4.08	
PL32-8M-21	32	3F	1610	42	1 5/8"	81.49	79.89	87	-	-	-	30	5	25	-	0.52	4.31	
PL34-8M-21	34	3F	1610	42	1 5/8"	86.58	84.98	91	-	-	-	30	5	25	-	0.61	5.72	
PL36-8M-21	36	3F	1610	42	1 5/8"	91.67	90.07	97	-	-	-	30	5	25	-	0.70	7.13	
PL38-8M-21	38	3F	1610	42	1 5/8"	96.77	95.17	102	-	-	-	30	5	25	-	0.82	10.72	
PL40-8M-21	40	3F	1610	42	1 5/8"	101.86	100.26	106	-	-	-	30	5	25	-	1.06	13.75	
PL45-8M-21	45	2F	2012	50	2"	114.59	112.99	120	-	92	2	30	-	32	-	1.30	21.33	
PL48-8M-21	48	2F	2012	50	2"	122.23	120.63	128	-	103	2	30	-	32	-	1.60	29.88	
PL50-8M-21	50	2F	2012	50	2"	127.32	125.72	135	-	104	2	30	-	32	-	1.83	37.08	
PL56-8M-21	56	2F	2012	50	2"	142.60	141.00	150	-	111	2	30	-	32	-	2.40	61.00	
PL60-8M-21	60	2F	2517	60	2 1/2"	152.79	151.19	158	-	124	15	30	-	45	-	3.20	93.37	
PL64-8M-21	64	2F	2517	60	2 1/2"	162.97	161.37	168	-	124	15	30	-	45	-	3.80	126.15	
PL75-8M-21	75	2	2517	60	2 1/2"	190.99	189.39	-	-	124	15	30	-	45	-	5.20	237.10	
PL80-8M-21	80	2	2517	60	2 1/2"	203.72	202.12	-	-	124	15	30	-	45	-	6.00	311.41	
PL90-8M-21	90	9	2517	60	2 1/2"	229.18	227.58	-	-	198	124	-	30	7.5	45	7.5	5.40	354.83
PL112-8M-21	112	9	2517	60	2 1/2"	285.21	283.61	-	-	253	124	-	30	7.5	45	7.5	7.40	752.44
PL140-8M-21	140	10	3020	75	3"	356.51	354.91	-	-	324	150	-	30	10.5	51	10.5	9.00	1429.86

* Max. bore to be fitted with shallow keys PB = Plain Bored Bush

Notes:

Pulleys of cast iron or steel material are supplied. Pulleys of either material provide required durability and service life. Davall Stock Gears reserves the right to supply pulleys of either material against orders for standard pulleys.

Specification:

cast iron 220 N/mm²

steel 220 M07

For peripheral speeds greater than 40 m/sec consult Davall Stock Gears.

Poly Chain® GT2

8m - 36mm / 8m - 62mm

Sprocket Specifications

Pulley designation	No. of teeth	Pulley type	Bush No.	Max. bore		Diameters mm			A	B	E	F	K	L	M	Weight (kg)	Moment of inertia 10 ⁴ (kgm ²)
				Metric	Inch	Pitch	Outside	Flange									
25-8M-36	25	1F	PB	32	1 1/4"	63.66	62.06	70	-	49	10	45	-	55	-	1.04	5.26
PL28-8M-36	28	3F	T210	32	1 1/4"	71.30	69.70	75	-	-	-	45	-	-	-	0.64	4.06
PL30-8M-36	30	3F	1610	42	1 5/8"	76.39	74.79	82.5	-	-	-	45	-	-	-	0.59	4.30
PL32-8M-36	32	3F	1610	42	1 5/8"	81.49	79.89	87	-	-	-	45	-	-	-	0.79	6.55
PL34-8M-36	34	3F	1610	42	1 5/8"	86.58	84.98	91	-	-	-	45	-	-	-	0.93	8.71
PL36-8M-36	36	3F	1610	42	1 5/8"	91.67	90.07	97	-	-	-	45	-	-	-	1.15	12.07
PL38-8M-36	38	3F	1610	42	1 5/8"	96.77	95.17	102	-	-	-	45	-	-	-	1.39	16.27
PL40-8M-36	40	3F	2012	50	2"	101.86	100.26	106	-	-	-	45	-	-	-	1.34	17.37
PL45-8M-36	45	3F	2012	50	2"	114.59	112.99	120	-	-	-	45	-	-	-	1.87	30.69
PL48-8M-36	48	3F	2012	50	2"	122.23	120.63	128	-	-	-	45	-	-	-	2.20	41.09
PL50-8M-36	50	3F	2012	50	2"	127.32	125.72	135	-	-	-	45	-	-	-	2.70	54.71
PL56-8M-36	56	3F	2517	60	2 1/2"	142.60	141.00	150	-	-	-	45	-	-	-	3.00	76.26
PL60-8M-36	60	3F	2517	60	2 1/2"	152.79	151.19	158	-	-	-	45	-	-	-	3.80	110.88
PL64-8M-36	64	3F	2517	60	2 1/2"	161.97	161.37	168	-	-	-	45	-	-	-	4.50	149.40
PL75-8M-36	75	2	3020	75	3"	190.99	189.39	-	-	150	6	45	-	51	-	6.20	292.70
PL80-8M-36	80	2	3020	75	3"	203.72	202.12	-	-	150	6	45	-	51	-	7.40	393.89
PL90-8M-36	90	9	3020	75	3"	229.18	227.58	-	197	150	-	45	3	51	3	7.20	472.71
PL112-8M-36	112	9	3020	75	3"	285.21	283.61	-	253	150	-	45	3	51	3	10.40	1057.50
PL140-8M-36	140	10	3020	75	3"	356.51	354.91	-	324	150	-	45	3	51	3	12.70	2017.70
PL168-8M-36	168	10	3525	100	4"	427.81	426.21	-	396	198	-	45	10	65	10	21.50	4918.70
PL192-8M-36	192	10	3525	100	4"	488.92	487.32	-	457	198	-	45	10	65	10	27.00	8067.69

Pulley designation	No. of teeth	Pulley type	Bush No.	Max. bore		Diameters mm			A	B	E	F	K	L	M	Weight (kg)	Moment of inertia 10 ⁴ (kgm ²)
				Metric	Inch	Pitch	Outside	Flange									
30-8M-62	30	1F	PB	42	1 5/8"	76.39	74.79	82.5	-	63	12	72	-	84	-	2.40	17.50
32-8M-62	32	1F	PB	50*	2"	81.49	79.89	87	-	68	12	72	-	84	-	2.80	23.24
34-8M-62	34	1F	PB	55*	2 1/4"	86.58	84.98	91	-	69	12	72	-	84	-	3.00	28.11
36-8M-62	36	1F	PB	60*	2 1/2"	91.67	90.07	97	-	76	12	72	-	84	-	3.40	35.71
38-8M-62	38	1F	PB	60	2 1/2"	96.77	95.17	102	-	78	12	72	-	84	-	3.80	44.48
PL40-8M-62	40	3F	2012	50	2"	101.86	100.26	106	-	-	-	72	-	-	-	2.06	26.71
PL45-8M-62	45	3F	2012	50	2"	114.59	112.99	120	-	-	-	72	-	-	-	3.00	49.24
PL48-8M-62	48	3F	2517	60	2 1/2"	122.23	120.63	128	-	-	-	72	-	-	-	2.90	54.51
PL50-8M-62	50	3F	2517	60	2 1/2"	127.32	125.72	135	-	-	-	72	-	-	-	3.25	65.85
PL56-8M-62	56	6F	2517	60	2 1/2"	142.60	141.00	150	111	-	-	72	13.5	45	13.5	3.90	99.13
PL60-8M-62	60	6F	2517	60	2 1/2"	152.79	151.19	158	121	-	-	72	13.5	45	13.5	4.70	137.15
PL64-8M-62	64	6F	2517	60	2 1/2"	162.97	161.37	168	131	-	-	72	13.5	45	13.5	5.60	185.91
PL75-8M-62	75	6	3020	75	3"	190.99	189.39	-	159	-	-	72	10.5	51	10.5	7.50	341.87
PL80-8M-62	80	6	3020	75	3"	203.72	202.12	-	172	-	-	72	10.5	51	10.5	9.20	477.21
PL90-8M-62	90	6	3020	75	3"	229.18	227.58	-	197	-	-	72	10.5	51	10.5	7.70	505.54
PL112-8M-62	112	7	3020	75	3"	285.21	283.61	-	253	150	-	72	10.5	51	10.5	12.10	1230.34
PL140-8M-62	140	7	3525	100	4"	356.51	354.91	-	324	198	-	72	3.5	65	3.5	22.70	3606.44
PL168-8M-62	168	8	3525	100	4"	427.81	426.21	-	396	198	-	72	3.5	65	3.5	26.80	6131.21
PL192-8M-62	192	8	3525	100	4"	488.92	487.32	-	457	198	-	72	3.5	65	3.5	34.20	10219.08

* Max. bore to be fitted with shallow keys PB = Plain Bored Bush

Notes:

Pulleys of cast iron or steel material are supplied. Pulleys of other material provide required durability and service life. Davall Stock Gears reserves the right to supply pulleys of either material against orders for standard pulleys.

Specification:

 cast iron 220 N/mm²
 steel 220 M07

For peripheral speeds greater than 40 m/sec consult Davall Stock Gears.

Poly Chain® GT2

Sprocket Specifications

14m - 20mm / 14m - 37mm

Pulley designation	No. of teeth	Pulley type	Bush No.	Max. bore		Diameters mm			A	B	E	F	K	L	M	Weight (kg)	Moment of inertia 10 ⁴ (kgm ²)
				Metric	Inch	Pitch	Outside	Flange									
PL28-14M-20	28	3F	2012	50	2"	124.78	121.98	128	-	-	-	33	-	-	-	1.66	32.30
PL30-14M-20	30	3F	2012	50	2"	133.69	130.89	138	-	-	-	33	-	-	-	2.20	49.15
PL32-14M-20	32	3F	2012	50	2"	142.60	139.80	154	-	-	-	33	-	-	-	3.20	81.33
PL34-14M-20	34	2F	2517	60	2 1/2"	151.52	148.72	160	-	117	12	33	-	45	-	3.00	86.09
PL36-14M-20	36	2F	2517	60	2 1/2"	160.43	157.63	168	-	117	12	33	-	45	-	3.60	115.82
PL38-14M-20	38	2F	2517	60	2 1/2"	169.34	166.54	183	-	117	12	33	-	45	-	4.00	143.38
PL40-14M-20	40	2F	2517	60	2 1/2"	178.25	175.45	188	-	117	12	33	-	45	-	4.70	186.66
PL44-14M-20	44	2F	3020	75	3"	196.08	193.28	211	-	144	18	33	-	51	-	5.80	289.13
PL48-14M-20	48	2F	3020	75	3"	213.90	211.11	226	-	144	18	33	-	51	-	6.80	388.90
PL50-14M-20	50	2F	3020	75	3"	222.82	220.02	240	-	144	18	33	-	51	-	7.70	477.87
PL56-14M-20	56	9F	3020	75	3"	249.55	246.76	256	207	144	-	33	9	51	9	7.70	599.39
PL60-14M-20	60	9	3020	75	3"	267.38	264.58	-	224	159	-	33	9	51	9	8.50	759.60
PL64-14M-20	64	9	3020	75	3"	285.21	282.41	-	242	159	-	33	9	51	9	10.20	1037.15
PL72-14M-20	72	9	3020	75	3"	320.86	318.06	-	278	159	-	33	9	51	9	11.50	1479.92
PL80-14M-20	80	9	3020	75	3"	356.51	353.71	-	314	159	-	33	9	51	9	13.50	2144.80
PL90-14M-20	90	10	3020	75	3"	401.07	398.27	-	360	159	-	33	9	51	9	14.20	2855.21
PL112-14M-20	112	10	3020	75	3"	499.11	496.31	-	456	159	-	33	9	51	9	18.10	5636.13
PL140-14M-20	140	10	3020	75	3"	623.89	621.09	-	581	159	-	33	9	51	9	22.90	11149.96

Pulley designation	No. of teeth	Pulley type	Bush No.	Max. bore		Diameters mm			A	B	E	F	K	L	M	Weight (kg)	Moment of inertia 10 ⁴ (kgm ²)
				Metric	Inch	Pitch	Outside	Flange									
PL28-14M-37	28	5F	2012	50	2"	124.98	121.98	128	88	-	-	51	-	32	19	2.20	42.81
PL30-14M-37	30	6F	2517	60	2 1/2"	133.69	130.89	138	98	-	-	51	3	45	3	2.50	55.85
PL32-14M-37	32	6F	2517	60	2 1/2"	142.60	139.80	154	100	-	-	51	3	45	3	3.00	76.25
PL34-14M-37	34	6F	2517	60	2 1/2"	151.52	148.72	160	109	-	-	51	3	45	3	3.80	109.05
PL36-14M-37	36	5F	2517	60	2 1/2"	160.43	157.63	168	117	-	-	51	-	45	6	4.30	138.34
PL38-14M-37	38	5F	2517	60	2 1/2"	169.34	166.54	183	126	-	-	51	-	45	6	5.10	182.81
PL40-14M-37	40	5F	2517	60	2 1/2"	178.25	175.45	188	135	-	-	51	-	45	6	6.00	238.30
PL44-14M-37	44	3F	3020	75	3"	196.08	193.28	211	-	-	-	51	-	-	-	7.00	336.41
PL48-14M-37	48	3F	3020	75	3"	213.90	211.11	226	-	-	-	51	-	-	-	9.00	514.72
PL50-14M-37	50	3F	3020	75	3"	222.82	220.02	240	-	-	-	51	-	-	-	10.00	620.61
PL56-14M-37	56	7F	3020	75	3"	249.55	246.76	256	207	144	-	51	0	51	0	9.20	715.88
PL60-14M-37	60	7	3020	75	3"	267.38	264.58	-	224	159	-	51	0	51	0	10.20	911.52
PL64-14M-37	64	7	3020	75	3"	285.21	282.41	-	242	159	-	51	0	51	0	12.20	1240.51
PL72-14M-37	72	7	3020	75	3"	320.86	318.06	-	278	159	-	51	0	51	0	13.40	1724.43
PL80-14M-37	80	7	3020	75	3"	356.51	353.71	-	314	159	-	51	0	51	0	16.10	2557.88
PL90-14M-37	90	8	3020	75	3"	401.07	398.27	-	360	159	-	51	0	51	0	17.20	3458.43
PL112-14M-37	112	8	3020	75	3"	499.11	496.31	-	456	159	-	51	0	51	0	23.00	7161.94
PL140-14M-37	140	10	3525	100	4"	623.89	621.09	-	581	206	-	51	7	65	7	41.00	19948.49
PL168-14M-37	168	10	3525	100	4"	748.66	745.87	-	706	206	-	51	7	65	7	51.50	36081.66
PL192-14M-37	192	10	4030	115	4 1/2"	855.61	852.82	-	812	215	-	51	12.5	76	12.5	80.00	54905.14

* Max. bore to be fitted with shallow keys PB = Plain Bored Bush

Notes:

Pulleys of cast iron or steel material are supplied. Pulleys of either material provide required durability and service life. Davall Stock Gears reserves the right to supply pulleys of either material against orders for standard pulleys.

Specification:

cast iron 220 N/mm²
steel 220 M07

For peripheral speeds greater than 40 m/sec consult Davall Stock Gears.

Poly Chain® GT2

14m - 68mm / 14m - 90mm

Sprocket Specifications

Pulley designation	No. of teeth	Pulley type	Bush No.	Max. bore		Diameters mm			A	B	E	F	K	L	M	Weight (kg)	Moment of inertia 10 ⁻⁴ (kgm ²)
				Metric	Inch	Pitch	Outside	Flange									
34-14M-68	34	1F	PB	100	4"	151.52	148.72	160	-	132	20	84	-	104	-	10.50	301.33
36-14M-68	36	1F	PB	100	4 1/4"	160.43	157.63	168	-	131	20	84	-	104	-	11.70	376.42
38-14M-68	38	1F	PB	115*	4 1/2"	169.34	166.54	183	-	141	20	84	-	104	-	13.40	481.46
40-14M-68	40	1F	PB	125*	5"	178.25	175.45	198	-	156	20	84	-	104	-	15.40	611.83
PL44-14M-68	44	6F	3020	75	3"	196.08	193.28	211	153	-	-	84	16.5	51	16.5	9.20	442.14
PL48-14M-68	48	5F	3020	75	3"	213.90	211.11	226	171	-	-	84	-	51	33	11.30	646.26
PL50-14M-68	50	6F	3525	100	4"	222.82	220.02	240	180	-	-	84	9.5	65	9.5	15.50	775.76
PL56-14M-68	56	6F	3525	100	4"	249.55	246.76	256	207	-	-	84	9.5	65	9.5	16.80	1307.78
PL60-14M-68	60	6	3525	100	4"	267.38	264.58	-	224	-	-	84	9.5	65	9.5	20.40	1823.05
PL64-14M-68	64	6	3525	100	4"	285.21	282.41	-	242	-	-	84	9.5	65	9.5	23.60	2399.67
PL72-14M-68	72	7	3525	100	4"	320.86	318.06	-	278	178	-	84	9.5	65	9.5	20.30	2612.89
PL80-14M-68	80	7	3525	100	4"	356.51	353.71	-	314	178	-	84	9.5	65	9.5	21.30	3384.02
PL90-14M-68	90	8	3525	100	4"	401.07	398.27	-	360	178	-	84	9.5	65	9.5	24.40	4966.46
PL112-14M-68	112	8	3525	100	4"	499.11	496.31	-	456	178	-	84	9.5	65	9.5	32.70	10182.40
PL140-14M-68	140	8	3525	100	4"	623.89	621.09	-	581	206	-	84	9.5	65	9.5	55.00	26760.16
PL168-14M-68	168	8	3525	100	4"	748.66	745.87	-	706	206	-	84	9.5	65	9.5	71.00	49743.65
PL192-14M-68	192	8	4030	115	4 1/2"	855.61	852.82	-	812	215	-	84	-	78	4	80.50	73664.39

Pulley designation	No. of teeth	Pulley type	Bush No.	Max. bore		Diameters mm			A	B	E	F	K	L	M	Weight (kg)	Moment of inertia 10 ⁻⁴ (kgm ²)
				Metric	Inch	Pitch	Outside	Flange									
36-14M-90	36	1F	PB	110	4 1/4"	160.43	157.63	168	-	131	30	106	-	136	-	14.50	466.50
38-14M-90	38	1F	PB	115	4 1/2"	169.34	166.50	183	-	141	30	106	-	136	-	17.50	627.29
40-14M-90	40	1F	PB	125	5 1/2"	178.25	175.45	188	-	156	30	106	-	136	-	19.10	758.59
44-14M-90	44	1F	PB	140	6 1/2"	196.08	193.28	211	-	169	30	106	-	136	-	23.90	1150.95
PL48-14M-90	48	6F	3525	100	4"	213.90	211.11	226	171	-	-	106	20	66	20	12.70	726.33
PL50-14M-90	50	6F	3525	100	4"	222.82	220.02	240	180	-	-	106	20	66	20	14.50	899.88
PL56-14M-90	56	6F	3525	100	4"	249.55	246.76	256	207	-	-	106	20	66	20	19.00	1479.04
PL60-14M-90	60	6	3525	100	4"	267.38	264.58	-	224	-	-	106	20	66	20	22.50	2010.71
PL64-14M-90	64	6	3525	100	4"	285.21	282.41	-	242	-	-	106	20	66	20	24.00	2433.77
PL72-14M-90	72	7	3525	100	4"	320.86	318.06	-	278	178	-	106	20	66	20	22.60	2908.37
PL80-14M-90	80	7	4030	115	4 1/2"	356.51	353.71	-	314	215	-	106	15	76	15	27.00	4269.60
PL90-14M-90	90	7	4030	115	4 1/2"	401.07	398.27	-	360	215	-	106	15	76	15	34.10	6856.54
PL112-14M-90	112	8	4535	125	5"	499.11	496.31	-	456	215	-	106	8	90	8	46.00	14323.87
PL140-14M-90	140	8	4535	125	5"	623.89	621.09	-	581	215	-	106	8	90	8	61.00	29679.45
PL168-14M-90	168	8	5040	130*	5"	748.66	745.87	-	706	267	-	106	2	102	2	90.00	63055.33
PL192-14M-90	192	8	5040	130*	5"	855.61	852.82	-	812	267	-	106	2	102	2	108.50	93796.27

* Max. bore to be fitted with shallow keys PB = Plain Bored Bush

Notes:

Pulleys of cast iron or steel material are supplied. Pulleys of either material provide required durability and service life. Davall Stock Gears reserves the right to supply pulleys of either material against orders for standard pulleys.

Specification:

cast iron 220 N/mm²
 steel 220 M07

For peripheral speeds greater than 40 m/sec consult Davall Stock Gears.

Poly Chain® GT2

14m - 125mm

Sprocket Specifications

Pulley designation	No. of teeth	Pulley type	Bush No.	Max. bore		Diameters mm			A	B	E	F	K	L	M	Weight (kg)	Moment of inertia 10 ⁴ (kgm ²)
				Metric	Inch	Pitch	Outside	Flange									
38-14M-125	38	1F	PB	115*	4 1/2"	169.34	166.54	183	-	141	20	141	-	161	-	20.30	727.65
40-14M-125	40	1F	PB	125*	5"	178.25	175.45	188	-	156	20	141	-	161	-	23.00	913.48
44-14M-125	44	1F	PB	140*	5 1/2"	196.09	193.28	211	-	169	20	141	-	161	-	28.80	1384.10
48-14M-125	48	1F	PB	160*	6 1/4"	213.90	211.11	228	-	185	20	141	-	161	-	34.60	1978.83
PL50-14M-125	50	6F	3525	100	4"	222.82	220.02	240	180	-	-	141	38	65	38	16.80	1042.62
PL56-14M-125	56	6F	3525	100	4"	249.55	246.76	256	207	-	-	141	38	65	38	21.60	1681.43
PL60-14M-125	60	6	4030	115	4 1/2"	267.38	264.58	-	224	-	-	141	32.5	76	32.5	25.60	2287.85
PL64-14M-125	64	6	4030	115	4 1/2"	285.21	282.41	-	242	-	-	141	32.5	76	32.5	29.70	3024.16
PL72-14M-125	72	7	4030	115	4 1/2"	320.86	318.06	-	278	215	-	141	32.5	76	32.5	30.00	3860.66
PL80-14M-125	80	7	4030	115	4 1/2"	356.51	353.71	-	314	215	-	141	32.5	76	32.5	33.40	5306.40
PL90-14M-125	90	7	4030	115	4 1/2"	401.07	398.27	-	360	215	-	141	32.5	76	32.5	39.40	7947.12
PL112-14M-125	112	8	4535	125	5"	499.11	496.31	-	456	215	-	141	26	89	26	56.00	17437.76
PL140-14M-125	140	8	4535	125	5"	623.89	621.09	-	581	215	-	141	26	89	26	73.00	35518.03
PL168-14M-125	168	8	5040	125	5"	748.66	745.87	-	706	267	-	141	19.5	102	19.5	101.00	70762.02
PL192-14M-125	192	8	5040	125	5"	855.61	852.82	-	812	267	-	141	19.5	102	19.5	121.50	111182.90

Minimum stock bores for Plain Bored (PB) pulleys

Pulley	Minimum bore (mm)	Pulley	Minimum bore (mm)
22-8M-12	12.00	36-14M-68	40.00
22-8M-21	12.00	36-14M-68	40.00
25-8M-36	12.00	38-14M-68	40.00
30-8M-62	20.00	40-14M-68	40.00
32-8M-62	20.00	36-14M-90	50.00
34-8M-62	20.00	38-14M-90	50.00
36-8M-62	20.00	40-14M-90	50.00
38-8M-62	20.00	44-14M-90	50.00
		38-14M-125	50.00
		40-14M-125	50.00
		44-14M-125	50.00
		48-14M-125	50.00

* Max. bore to be fitted with shallow keys PB = Plain Bored Bush

Notes:

Pulleys of cast iron or steel material are supplied. Pulleys of either material provide required durability and service life. Davall Stock Gears reserves the right to supply pulleys of either material against orders for standard pulleys.

Specification:

cast iron 220 N/mm²
steel 220 M07

For peripheral speeds greater than 40 m/sec consult Davall Stock Gears.