

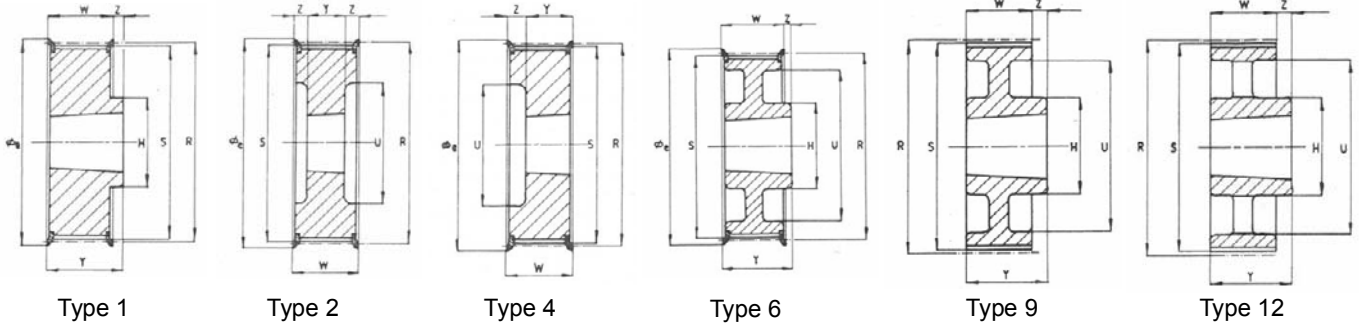
Super Torque Timing Pulley Taper Bushed



Pitch 8 mm

Part No: B22S8M20

- B = Taper Bushed Version
- 22 = Number of Teeth
- S8 = Pitch (8 or 14mm)
- M20 = Width of Belt (20,30,50,85mm)



20 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B22S8M20	1008	22	4	56.02	54.65	62	38	28	—	6	22	0.25
B24S8M20	1108	24	4	61.12	59.74	67	42	28	—	6	22	0.30
B26S8M20	1108	26	4	66.21	64.84	73	45	28	—	6	22	0.36
B28S8M20	1108	28	4	71.30	69.93	77	52	28	—	6	22	0.44
B30S8M20	1108	30	4	76.39	75.02	84	56	28	—	6	22	0.53
B32S8M20	1610	32	4	81.49	80.12	88	65	28	—	3	25	0.42
B34S8M20	1610	34	4	86.58	85.21	94	66	28	—	3	25	0.55
B36S8M20	1610	36	4	91.67	90.30	98	68	28	—	3	25	0.68
B38S8M20	1610	38	4	96.77	95.39	104	76	28	—	3	25	0.80
B40S8M20	1610	40	4	101.86	100.49	108	80	28	—	3	25	1.00
B44S8M20	2012	44	1	112.05	110.67	121	—	28	99	4	32	1.20
B48S8M20	2012	48	1	122.23	120.86	129	—	28	105	4	32	1.60
B56S8M20	2012	56	1	142.60	141.23	149	—	28	105	4	32	2.40
B64S8M20	2012	64	6	162.97	161.60	168	140	28	110	4	32	2.70
B72S8M20	2012	72	6	183.35	181.97	191	158	28	110	4	32	3.30
B80S8M20*	2012	80	9	203.72	202.35	—	178	28	110	4	32	3.50
B90S8M20*	2012	90	12	229.18	227.81	—	204	28	110	4	32	3.65

30 mm Belt Width

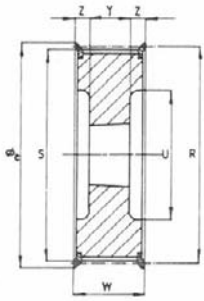
Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B22S8M30	1008	22	4	56.02	54.65	62	38	38	—	16	22	0.31
B24S8M30	1108	24	4	61.12	59.74	67	42	38	—	16	22	0.38
B26S8M30	1108	26	4	66.21	64.84	73	45	38	—	16	22	0.45
B28S8M30	1108	28	4	71.30	69.93	77	52	38	—	16	22	0.50
B30S8M30	1615	30	8	76.39	75.02	84	—	38	—	—	38	0.55
B32S8M30	1615	32	8	81.49	80.12	88	—	38	—	—	38	0.59
B34S8M30	1615	34	8	86.58	85.21	94	—	38	—	—	38	0.77
B36S8M30	1615	36	8	91.67	90.30	98	—	38	—	—	38	0.96
B38S8M30	1615	38	8	96.77	95.39	104	—	38	—	—	38	1.15
B40S8M30	1615	40	8	101.86	100.49	108	—	38	—	—	38	1.34
B44S8M30	2012	44	2	112.05	110.67	121	90	38	—	—	32	1.33
B48S8M30	2012	48	2	122.23	120.86	129	98	38	—	3	32	1.78
B56S8M30	2012	56	2	142.60	141.23	149	118	38	—	3	32	3.76
B64S8M30*	2517	64	6	162.97	161.60	168	140	38	115	3	45	4.20
B72S8M30*	2517	72	6	183.35	181.97	191	158	38	120	7	45	4.30
B80S8M30*	2517	80	9	203.72	202.35	—	178	38	120	7	45	4.60
B90S8M30*	2517	90	12	229.18	227.81	—	204	38	120	7	45	5.00
B112S8M30*	2517	112	12	285.21	283.83	—	260	38	120	7	45	6.20
B144S8M30*	2517	144	12	366.69	365.32	—	341	38	120	7	45	9.00

Note: * Parts are Cast Iron, manufactured to ISO 5294, DIN 7721. Bushing sold separately.
Requires TL Bushing with BSW threads.

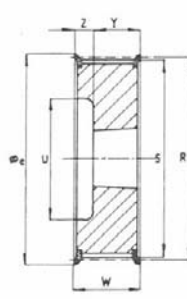
Super Torque Timing Pulley Taper Bushed



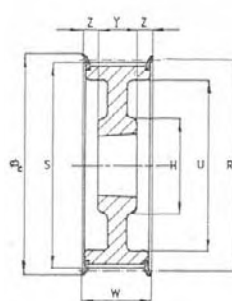
Pitch 8 mm



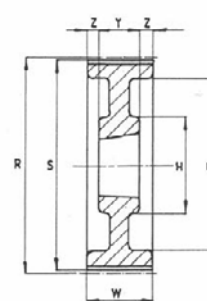
Type 2



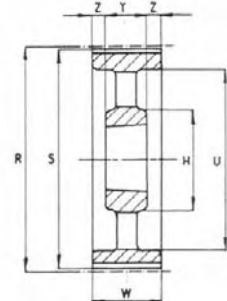
Type 4



Type 5



Type 7



Type 14

50 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B28S8M50	1108	28	2	71.30	69.93	77	52	60	—	19	22	0.60
B30S8M50	1615	30	4	76.39	75.02	84	58	60	—	22	38	0.65
B32S8M50	1615	32	4	81.94	80.12	88	60	60	—	22	38	0.82
B34S8M50	1615	34	4	86.58	85.21	94	66	60	—	22	38	1.06
B36S8M50	1615	36	4	91.67	90.30	98	68	60	—	22	38	1.30
B38S8M50	1615	38	4	96.77	95.39	104	75	60	—	22	38	1.60
B40S8M50	2012	40	2	101.86	100.49	108	80	60	—	14	32	1.71
B44S8M50	2012	44	2	112.05	110.67	121	90	60	—	14	32	1.78
B48S8M50	2012	48	2	122.23	120.86	129	100	60	—	14	32	2.30
B56S8M50	2517*	56	2	142.60	141.23	149	120	60	—	7.5	45	3.40
B64S8M50	2517*	64	5	162.97	161.60	168	138	60	115	7.5	45	5.00
B72S8M50	2517*	72	5	183.35	181.97	191	158	60	120	7.5	45	6.70
B80S8M50	3020	80	7	203.72	202.35	—	178	60	140	4.5	51	8.80
B90S8M50*	3020	90	7	229.18	227.81	—	204	60	146	4.5	51	10.00
B112S8M50*	3020	112	14	285.21	283.83	—	260	60	146	4.5	51	12.00
B144S8M50*	3020	114	14	366.69	365.32	—	341	60	146	4.5	51	15.20
B168S8M50*	3020	168	14	427.80	426.42	—	402	60	146	4.5	51	17.50
B192S8M50*	3020	192	14	488.92	487.54	—	462	60	146	4.5	51	24.00

85 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B34S8M85	1615	34	2	86.58	85.21	94	66	95	—	28.5	38	1.43
B36S8M85	1615	36	2	91.67	90.30	98	68	95	—	28.5	38	1.87
B38S8M85	1615	38	2	96.77	95.39	104	75	95	—	28.5	38	2.20
B40S8M85	2012	40	2	101.86	100.49	108	80	95	—	31.5	32	1.80
B44S8M85	2012	44	2	112.05	110.67	121	90	95	—	31.5	32	2.30
B48S8M85	2517*	48	2	122.23	120.86	129	100	95	—	25	45	2.66
B56S8M85	2517*	56	2	142.60	141.23	149	120	95	—	25	45	4.45
B64S8M85	2517*	64	2	162.97	161.60	168	138	95	—	25	45	6.20
B72S8M85	3020	72	2	183.35	181.97	191	158	95	—	22	51	8.00
B80S8M85*	3020	80	7	203.72	202.35	—	178	95	140	22	51	10.00
B90S8M85	3020	90	7	229.18	227.81	—	204	95	146	22	51	10.80
B112S8M85*	3020	112	14	285.21	283.83	—	260	95	146	22	51	15.00
B144S8M85*	3030	144	14	366.69	365.32	—	341	95	140	9.5	76	20.00
B168S8M85*	3030	168	14	427.80	426.42	—	402	95	140	9.5	76	22.00
B192S8M85*	3030	192	14	488.92	487.54	—	462	95	140	9.5	76	26.00

Note: * Indicates without Flanges. Parts are Cast Iron, manufactured to ISO 5294, DIN 7721. Bushing sold separately.

• Requires TL Bushings with BSW threads.

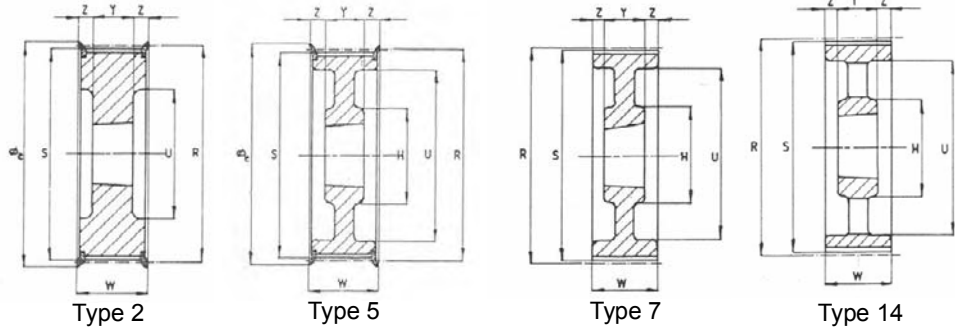
Super Torque Timing Pulley Taper Bushed



Pitch 14 mm

Part No: B38S14M40

- B = Taper Bushed Version
- 38 = Number of Teeth
- S14 = Pitch (8 or 14mm)
- M40 = Width of Belt (40,55,85,115,170mm)



40 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt kg
B28S14M40	2012	28	2	124.78	121.98	134	98	54	—	11	32	2.07
B29S14M40	2012	29	2	129.23	126.44	134	100	54	—	11	32	2.38
B30S14M40	2012	30	2	133.69	130.90	142	100	54	—	11	32	2.65
B32S14M40	2012	32	2	142.60	139.81	150	104	54	—	11	32	3.40
B34S14M40	2517•	34	2	151.51	148.72	158	110	54	—	4.5	45	3.78
B36S14M40	2517•	36	2	160.43	157.63	166	120	54	—	4.5	45	4.80
B38S14M40	2517•	38	2	169.34	166.55	177	130	54	—	4.5	45	5.40
B40S14M40	2517•	40	2	178.25	175.46	186	138	54	—	4.5	45	6.00
B44S14M40	3020	44	2	196.08	193.28	209	154	54	—	1.5	51	7.80
B48S14M40	3020	48	2	213.90	211.11	216	172	54	—	1.5	51	9.40
B56S14M40	3020	56	5	249.56	246.76	261	207	54	146	1.5	51	10.80
B64S14M40	3020	64	5	285.21	282.41	288	243	54	146	1.5	51	13.40
B72S14M40*	3020	72	7	320.86	318.06	—	279	54	146	1.5	51	15.20
B80S14M40*	3020	80	14	356.51	353.71	—	314	54	146	1.5	51	16.00
B90S14M40*	3020	90	14	401.07	398.28	—	359	54	146	1.5	51	17.80
B112S14M40*	3020	112	14	499.11	496.32	—	457	54	146	1.5	51	25.60
B144S14M40*	3020	144	14	641.71	638.92	—	600	54	146	1.5	51	32.00

55 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt kg
B28S14M55	2012	28	2	124.78	121.98	134	98	70	—	19	32	2.20
B29S14M55	2012	29	2	129.23	126.44	134	100	70	—	19	32	2.74
B30S14M55	2517•	30	2	133.69	130.90	142	100	70	—	12.5	45	2.70
B32S14M55	2517•	32	2	142.60	139.81	150	104	70	—	12.5	45	3.66
B34S14M55	2517•	34	2	151.51	148.72	158	110	70	—	12.5	45	4.55
B36S14M55	2517•	36	2	160.43	157.63	166	120	70	—	12.5	45	5.20
B38S14M55	2517•	38	2	169.34	166.55	177	130	70	—	12.5	45	6.20
B40S14M55	2517•	40	2	178.25	175.46	186	138	70	—	12.5	45	7.00
B44S14M55	3020	44	2	196.08	193.28	209	154	70	—	9.5	51	8.60
B48S14M55*	3020	48	2	213.90	211.11	216	172	70	—	9.5	51	10.40
B56S14M55	3020	56	5	249.56	246.76	261	207	70	146	9.5	51	12.40
B64S14M55*	3020	64	5	285.21	282.41	288	243	70	146	9.5	51	14.50
B72S14M55*	3020	72	7	320.86	318.06	—	279	70	146	9.5	51	16.20
B80S14M55*	3020	80	14	356.51	353.71	—	314	70	146	9.5	51	17.50
B90S14M55*	3020	90	14	401.07	398.28	—	359	70	146	9.5	51	20.10
B112S14M55	3020	112	14	499.11	496.32	—	457	70	146	9.5	51	28.40
B144S14M55	3020	144	14	641.71	638.92	—	600	70	146	9.5	51	36.20

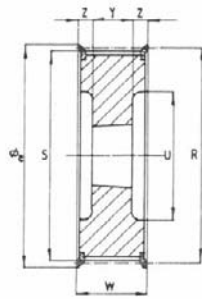
Note: * Indicates without Flanges. Parts are Cast Iron, manufactured to ISO 5294, DIN 7721. Bushing sold separately.

- Requires TL Bushings with BSW threads.

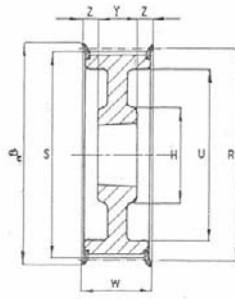
Super Torque Timing Pulley Taper Bushed



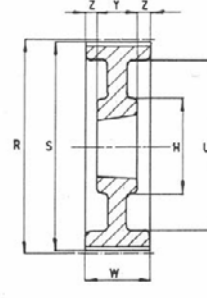
Pitch 14 mm



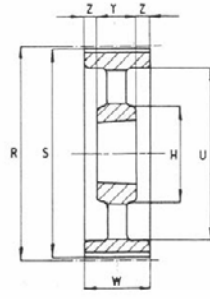
Type 2



Type 5



Type 7



Type 14

85 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B28S14M85*	2517	28	2	124.78	121.98	134	98	102	—	28.5	45	2.70
B29S14M85*	2517	29	2	129.23	126.44	134	100	102	—	28.5	45	3.40
B30S14M85*	2517	30	2	133.69	130.90	142	100	102	—	28.5	45	3.75
B32S14M85*	2517	32	2	142.60	139.81	150	104	102	—	28.5	45	4.80
B34S14M85*	2517	34	2	151.51	148.72	158	110	102	—	28.5	45	5.80
B36S14M85	3020	36	2	160.43	157.63	166	120	102	—	25.5	51	6.00
B38S14M85	3020	38	2	169.34	166.55	177	130	102	—	25.5	51	6.80
B40S14M85	3020	40	2	178.25	175.46	186	138	102	—	25.5	51	8.00
B44S14M85	3030	44	2	196.08	193.28	209	154	102	—	13	76	11.80
B48S14M85	3030	48	2	213.90	211.11	216	172	102	—	13	76	15.10
B56S14M85*	3535	56	2	249.56	246.76	261	207	102	—	6.5	89	19.00
B64S14M85*	3535	64	5	285.21	282.41	288	243	102	178	6.5	89	23.00
B72S14M85*	3535	72	7	320.86	318.06	—	279	102	178	6.5	89	25.00
B80S14M85*	3535	80	14	356.51	353.71	—	314	102	178	6.5	89	26.00
B90S14M85*	3535	90	14	401.07	398.28	—	359	102	178	6.5	89	27.80
B112 S14M85*	3535	112	14	499.11	496.32	—	457	102	178	6.5	89	36.50
B144S14M85*	3535	144	14	641.71	638.92	—	600	102	178	6.5	89	48.00

115 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B28S14M115*	2517	28	2	124.78	121.98	134	98	133	—	44	45	3.77
B29S14M115*	2517	29	2	129.23	126.44	134	100	133	—	44	45	4.00
B30S14M115*	2517	30	2	133.69	130.90	142	100	133	—	44	45	5.00
B32S14M115*	2517	32	2	142.60	139.81	150	104	133	—	44	45	5.80
B34S14M115*	2517	34	2	151.51	148.72	158	110	133	—	44	45	6.80
B36S14M115	3020	36	2	160.43	157.63	166	120	133	—	41	51	7.00
B38S14M115	3020	38	2	169.34	166.55	177	130	133	—	41	51	8.40
B40S14M115	3020	40	2	178.25	175.46	186	138	133	—	41	51	9.20
B44S14M115	3030	44	2	196.08	193.28	209	154	133	—	28.5	76	14.00
B48S14M115	3030	48	2	213.90	211.11	216	172	133	—	28.5	76	17.10
B56S14M115*	3535	56	5	249.56	246.76	261	207	133	—	22	89	24.80
B64S14M115*	3535	64	5	285.21	282.41	288	243	133	178	22	89	27.00
B72S14M115*	3535	72	7	320.86	318.06	—	279	133	178	22	89	29.00
B80S14M115*	3535	80	14	356.51	353.71	—	314	133	178	22	89	32.00
B90S14M115*	3535	90	14	401.07	398.28	—	359	133	178	22	89	36.50
B112 S14M115*	3535	112	14	499.11	496.32	—	457	133	178	22	89	46.00
B144S14M115	4040	144	14	641.71	638.92	—	600	133	215	15.5	102	68.00

170 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B38S14M170	3030	38	2	169.34	166.55	177	130	187	—	55.5	76	11.70
B40S14M170	3030	40	2	178.25	175.46	186	138	187	—	55.5	76	13.00
B44S14M170*	3535	44	2	196.08	193.28	209	154	187	—	49	89	15.00
B48S14M170*	3535	48	2	213.90	211.11	216	172	187	—	49	89	19.00
B56S14M170*	3535	56	2	249.56	246.76	261	207	187	—	49	89	28.50
B64S14M170	4040	64	2	285.21	282.41	288	243	187	—	42.5	102	41.00
B72S14M170	4040	72	2	320.86	318.06	—	279	187	215	42.5	102	46.90
B80S14M170	4040	80	7	356.51	353.71	—	314	187	215	42.5	102	48.00
B90S14M170	4040	90	14	401.07	398.28	—	359	187	215	42.5	102	52.50
B112S14M170	5050	112	14	499.11	496.32	—	457	187	267	30	127	74.50
B144S14M170	5050	144	14	641.71	638.92	—	600	187	267	30	127	91.00

Note: * Parts are Cast Iron, manufactured to ISO 5294, DIN 7721. Bushing sold separately.

Requires TL Bushings with BSW threads