

Dual Duty Taper Bush Pulleys

Power Transmission Group



Tension Gauges

CONTI® VSM-1/VSM-3



Electronically measurable belt tension – security for every drive

The right initial tension in force- and form-locked belt drives is a prerequisite for trouble-free, long-term operation of drives in industrial applications. The CONTI® VSM-1 and VSM-3 tension gauges are fully electronic measuring instruments designed specially to measure the initial tension of timing belts, multiple V-ribbed belts and V-belts. They can be used to set the static strand force of belt drives, irrespective of their tension members, simply and precisely.

Properties:

VSM-1

- non-contact measurement
- flexible sensor arm permits monitoring even where access is difficult
- precise readings using optoelectronic measurement method

VSM-3

- non-contact measuring
- exceptionally compact design for reliable measurements, even in hard-to-reach areas
- precise measurements by means of opto-electronic measurements process
- sturdy and durable housing

The electronically measurable initial belt tension ensures that every industrial drive is operating safely.

Continental Dual Duty Taper Bush Pulleys

Continental Dual Duty Taper Bush Pulleys are metric in dimensions and design conforming to ISO/IS groove specifications and run- out tolerances. The dual duty design of grooves makes them suitable for use with all wedge belts of SPA, SPB, SPC & SPZ sections as well as classical belts of A,B,C & Z sections.

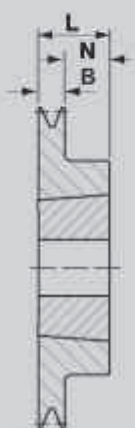
These Pulleys are fitted with Taper Bushes which offer quick, easy and reliable fitting to shafts as also quick and convenient removal from shafts. They eliminate re-boring and keyway machining time & cost as Taper Bushes are supplied with finished bore and keyway to suit customers' requirements. Unlike conventional through bored pulleys, each pulley does not need to be finished according to different bore and keyway requirements.

These Pulleys incorporate close grained Cast Iron conforming to Grade FG 200 of IS 210 and precision made on CNC machines to close tolerances for accuracy & consistency. The standard range covering over 800 sizes caters to all speed ratios up to 1:7 and powers up to about 250 kW which takes care of majority of drives in industry. For applications in the higher range, custom built pulleys with grooves more than 8 in SPB & SPC sections as well as D & E section grooves are also available.

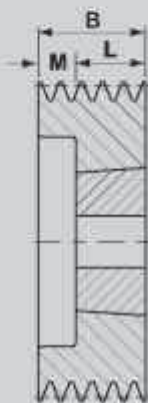
Continental Taper Bushes are available in a wide range of finished bores for metric shafts and are also equally suitable for imperial shafts. The arrangement of threaded half holes and longitudinal slit in the taper bush ensures shrink fit & quick easy fixing. Tightening of the screws in to the threaded holes in the hub forces the taper bush in to the taper bored pulley thereby contracting the bore of the taper bush to obtain shrink fit equivalent grip.

Advantages

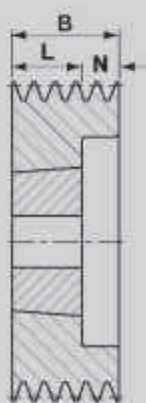
- ▶ Facilitates achievement of shrink fit of pulleys by unskilled labour with the help of only a hexagonal wrench.
- ▶ No re-boring & keyway machining costs.
- ▶ Saves time & cost in fitting keys for normal drives. Eliminates precision taper fitting keys.
- ▶ Over 400 Bush size and Bore combinations available in metric & imperial bores.
- ▶ Quick & easy dismantling of pulleys for maintenance and component replacement etc.
- ▶ Pulleys can be transferred to another shaft with a different diameter by just using alternative bore Bushes.
- ▶ Can accommodate shaft limits of + 0.051 mm & - 0.127 mm.
- ▶ All pulleys will be statically balanced as a standard feature.
- ▶ Pulleys can also be supplied with dynamic balancing on customer demand at extra cost.



Configuration 1



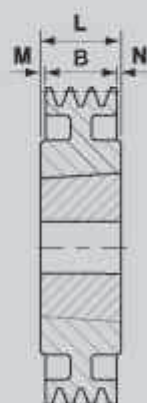
Configuration 2



Configuration 3



Configuration 4



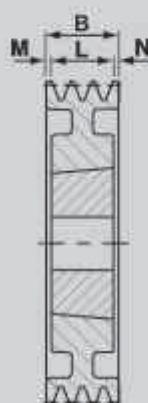
Configuration 5

For Belt Profile Z/SPZ

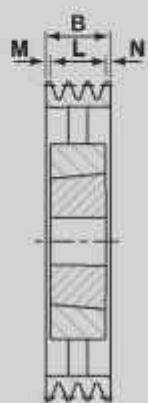
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
67	72.5	1	1108	28	1	16	-	22	6
67	72.5	2	1108	28	2	28	6	22	-
67	72.5	3	1108	28	2	40	18	22	-
71	76.5	1	1108	28	1	16	-	22	6
71	76.5	2	1108	28	2	28	6	22	-
71	76.5	3	1108	28	2	40	18	22	-
75	80.5	1	1108	32	1	16	-	22	6
75	80.5	2	1210	32	2	28	3	25	-
75	80.5	3	1210	32	2	40	15	25	-
80	85.5	1	1210	32	1	16	-	25	9
80	85.5	2	1210	32	2	28	3	25	-
80	85.5	3	1210	32	2	40	15	25	-
80	85.5	4	1210	32	2	52	27	25	-
85	90.5	1	1210	32	1	16	-	25	9
85	90.5	2	1610	42	2	28	3	25	-
85	90.5	3	1610	42	2	40	15	25	-
85	90.5	4	1610	42	2	52	27	25	-
85	90.5	5	1610	42	2	64	39	25	-
90	95.5	1	1210	32	1	16	-	25	9
90	95.5	2	1610	42	2	28	3	25	-
90	95.5	3	1610	42	2	40	15	25	-
90	95.5	4	1610	42	2	52	27	25	-
90	95.5	5	1610	42	2	64	39	25	-
90	95.5	6	1610	42	2	76	51	25	-
95	100.5	1	1210	32	1	16	-	25	9
95	100.5	2	1610	42	2	28	3	25	-
95	100.5	3	1610	42	2	40	15	25	-
95	100.5	4	1610	42	2	52	27	25	-
95	100.5	5	1610	42	2	64	39	25	-
95	100.5	6	1610	42	2	76	51	25	-
100	105.5	1	1210	32	1	16	-	25	9
100	105.5	2	1610	42	2	28	3	25	-
100	105.5	3	1610	42	2	40	15	25	-

For Belt Profile Z/SPZ

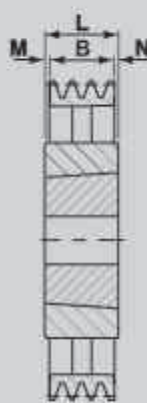
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
100	105.5	4	2012	50	2	52	20	32	-
100	105.5	5	2012	50	2	64	32	32	-
100	105.5	6	2012	50	2	76	44	32	-
112	117.5	1	1610	42	1	16	-	25	9
112	117.5	2	1610	42	2	28	3	25	-
112	117.5	3	2012	50	2	40	8	32	-
112	117.5	4	2012	50	2	52	20	32	-
112	117.5	5	2012	50	2	64	32	32	-
112	117.5	6	2012	50	2	76	44	32	-
125	130.5	1	1610	42	1	16	-	25	9
125	130.5	2	1610	42	2	28	3	25	-
125	130.5	3	2012	50	2	40	8	32	-
125	130.5	4	2012	50	2	52	20	32	-
125	130.5	5	2517	60	2	64	19	45	-
125	130.5	6	2517	60	2	76	31	45	-
132	137.5	1	1610	42	1	16	-	25	9
132	137.5	2	1610	42	2	28	3	25	-
132	137.5	3	2012	50	2	40	8	32	-
132	137.5	4	2012	50	2	52	20	32	-
132	137.5	5	2517	60	2	64	19	45	-
132	137.5	6	2517	60	2	76	31	45	-
140	145.5	1	1610	42	1	16	-	25	9
140	145.5	2	1610	42	2	28	3	25	-
140	145.5	3	2012	50	3	40	-	32	8
140	145.5	4	2012	50	3	52	-	32	20
140	145.5	5	2517	60	3	64	-	45	19
140	145.5	6	2517	60	3	76	-	45	31
150	155.5	1	1610	42	1	16	-	25	9
150	155.5	2	2012	50	1	28	-	32	4
150	155.5	3	2012	50	3	40	-	32	8
150	155.5	4	2517	60	3	52	-	45	7
150	155.5	5	2517	60	3	64	-	45	19
150	155.5	6	2517	60	3	76	-	45	31



Configuration 6



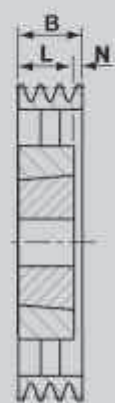
Configuration 7



Configuration 8



Configuration 9



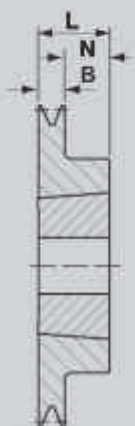
Configuration 10

For Belt Profile Z/SPZ

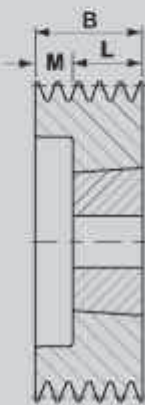
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
160	165.5	1	1610	42	1	16	-	25	9
160	165.5	2	2012	50	1	28	-	32	4
160	165.5	3	2012	50	3	40	-	32	8
160	165.5	4	2517	60	3	52	-	45	7
160	165.5	5	2517	60	3	64	-	45	19
160	165.5	6	2517	60	3	76	-	45	31
180	185.5	1	1610	42	1	16	-	25	9
180	185.5	2	2012	50	1	28	-	32	4
180	185.5	3	2012	50	3	40	-	32	8
180	185.5	4	2517	60	3	52	-	45	7
180	185.5	5	2517	60	3	64	-	45	19
180	185.5	6	2517	60	3	76	-	45	31
200	205.5	1	2012	50	1	16	-	32	16
200	205.5	2	2012	50	1	28	-	32	4
200	205.5	3	2012	50	3	40	-	32	8
200	205.5	4	2517	60	4	52	3.5	45	3.5
200	205.5	5	2517	60	6	64	9.5	45	9.5
200	205.5	6	2517	60	6	76	15.5	45	15.5
224	229.5	1	2012	50	1	16	-	32	16
224	229.5	2	2012	50	1	28	-	32	4
224	229.5	3	2012	50	3	40	-	32	8
224	229.5	4	2517	60	4	52	3.5	45	3.5
224	229.5	5	2517	60	6	64	9.5	45	9.5
224	229.5	6	2517	60	6	76	15.5	45	15.5
250	255.5	1	2012	50	8	16	8	32	8
250	255.5	2	2012	50	8	28	2	32	2
250	255.5	3	2012	50	7	40	4	32	4
250	255.5	4	2517	60	6	52	3.5	45	3.5
250	255.5	5	2517	60	7	64	9.5	45	9.5
250	255.5	6	2517	60	7	76	15.5	45	15.5
315	320.5	1	2012	50	8	16	8	32	8
315	320.5	2	2012	50	8	28	2	32	2
315	320.5	3	2517	60	5	40	2.5	45	2.5
315	320.5	4	2517	60	7	52	3.5	45	3.5

For Belt Profile Z/SPZ

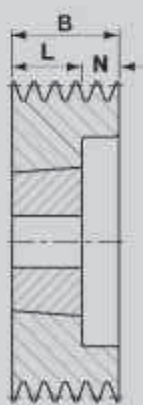
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
315	320.5	5	2517	60	7	64	9.5	45	9.5
315	320.5	6	2517	60	7	76	15.5	45	15.5
355	360.5	1	2012	50	8	16	8	32	8
355	360.5	2	2012	50	8	28	2	32	2
355	360.5	3	2517	60	8	40	2.5	45	2.5
355	360.5	4	2517	60	7	52	3.5	45	3.5
355	360.5	5	2517	60	7	64	9.5	45	9.5
355	360.5	6	2517	60	7	76	15.5	45	15.5
400	405.5	1	2012	50	8	16	8	32	8
400	405.5	2	2517	60	8	28	8.5	45	8.5
400	405.5	3	2517	60	8	40	2.5	45	2.5
400	405.5	4	2517	60	7	52	3.5	45	3.5
400	405.5	5	3020	75	7	64	6.5	51	6.5
400	405.5	6	3030	75	7	76	-	76	-
450	455.5	2	2517	60	8	28	8.5	45	8.5
450	455.5	3	2517	60	8	40	2.5	45	2.5
450	455.5	4	3020	75	10	52	-	51	1
450	455.5	5	3020	75	7	64	6.5	51	6.5
450	455.5	6	3030	75	8	76	-	76	-
500	505.5	2	2517	60	8	28	8.5	45	8.5
500	505.5	3	2517	60	8	40	2.5	45	2.5
500	505.5	4	3020	75	10	52	-	51	1
500	505.5	5	3020	75	7	64	6.5	51	6.5
500	505.5	6	3030	75	8	76	-	76	-
630	635.5	2	2517	60	8	28	8.5	45	8.5
630	635.5	3	2517	60	8	40	2.5	45	2.5
630	635.5	4	3020	75	10	52	-	51	1
630	635.5	5	3030	75	8	64	6	76	6
630	635.5	6	3535	90	8	76	6.5	89	6.5



Configuration 1



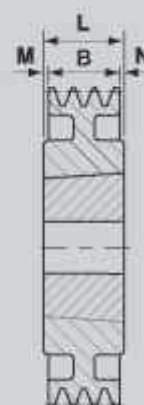
Configuration 2



Configuration 3



Configuration 4



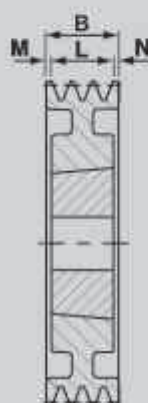
Configuration 5

For Belt Profile A/SPA

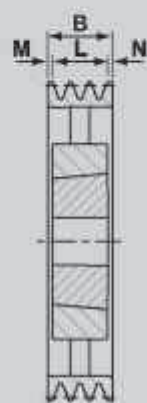
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
80	85.5	1	1108	28	1	20	-	22	2
80	85.5	2	1108	28	2	35	13	22	-
80	85.5	3	1210	32	2	50	25	25	-
85	90.5	1	1108	28	1	20	-	22	2
85	90.5	2	1108	28	2	35	13	22	-
85	90.5	3	1210	32	2	50	25	25	-
90	95.5	1	1108	28	1	20	-	22	2
90	95.5	2	1108	28	2	35	13	22	-
90	95.5	3	1610	42	2	50	25	25	-
90	95.5	4	1615	42	4	65	13.5	38	13.5
90	95.5	5	1615	42	4	80	21	38	21
95	100.5	1	1210	32	1	20	-	25	5
95	100.5	2	1610	42	2	35	10	25	-
95	100.5	3	1610	42	2	50	25	25	-
95	100.5	4	1615	42	4	65	13.5	38	13.5
95	100.5	5	1615	42	4	80	21	38	21
100	105.5	1	1610	42	1	20	-	25	5
100	105.5	2	1610	42	2	35	10	25	-
100	105.5	3	1610	42	2	50	25	25	-
100	105.5	4	1615	42	2	65	27	38	-
100	105.5	5	1615	42	2	80	42	38	-
100	105.5	6	1615	42	4	95	28.5	38	28.5
106	111.5	1	1610	42	1	20	-	25	5
106	111.5	2	1610	42	2	35	10	25	-
106	111.5	3	1610	42	2	50	25	25	-
106	111.5	4	1615	42	2	65	27	38	-
106	111.5	5	2012	50	2	80	48	32	-
106	111.5	6	2012	50	4	95	31.5	32	31.5
112	117.5	1	1610	42	1	20	-	25	5
112	117.5	2	1610	42	2	35	10	25	-
112	117.5	3	2012	50	2	50	18	32	-
112	117.5	4	2012	50	2	65	33	32	-
112	117.5	5	2012	50	2	80	48	32	-
112	117.5	6	2012	50	2	95	63	32	-

For Belt Profile A/SPA

Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
118	123.5	1	1610	42	1	20	-	25	5
118	123.5	2	1610	42	2	35	10	25	-
118	123.5	3	2012	50	2	50	18	32	-
118	123.5	4	2012	50	2	65	33	32	-
118	123.5	5	2012	50	2	80	48	32	-
118	123.5	6	2012	50	2	95	63	32	-
125	130.5	1	1610	42	1	20	-	25	5
125	130.5	2	1610	42	3	35	-	25	10
125	130.5	3	2012	50	3	50	-	32	18
125	130.5	4	2012	50	3	65	-	32	33
125	130.5	5	2012	50	3	80	-	32	48
125	130.5	6	2012	50	4	95	31.5	32	31.5
132	137.5	1	1610	42	1	20	-	25	5
132	137.5	2	1610	42	3	35	-	25	10
132	137.5	3	2012	50	3	50	-	32	18
132	137.5	4	2517	60	3	65	-	45	20
132	137.5	5	2517	60	3	80	-	45	35
132	137.5	6	2517	60	4	95	25	45	25
140	145.5	1	1610	42	1	20	-	25	5
140	145.5	2	2012	50	2	35	3	32	-
140	145.5	3	2517	60	3	50	-	45	5
140	145.5	4	2517	60	3	65	-	45	20
140	145.5	5	2517	60	3	80	-	45	25
140	145.5	6	2517	60	4	95	25	45	25
150	155.5	1	1610	42	1	20	-	25	5
150	155.5	2	2012	50	2	35	3	32	-
150	155.5	3	2517	60	3	50	-	45	5
150	155.5	4	2517	60	3	65	-	45	20
150	155.5	5	2517	60	3	80	-	45	35
150	155.5	6	2517	60	4	95	25	45	25
160	165.5	1	1610	42	1	20	-	25	5
160	165.5	2	2012	50	2	35	3	32	-
160	165.5	3	2517	60	3	50	-	45	5
160	165.5	4	2517	60	3	65	-	45	20



Configuration 6



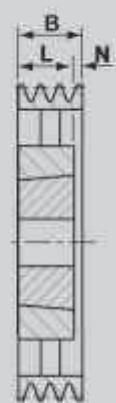
Configuration 7



Configuration 8



Configuration 9



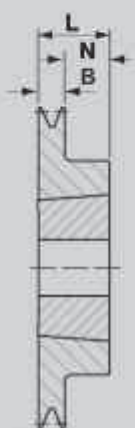
Configuration 10

For Belt Profile A/SPA

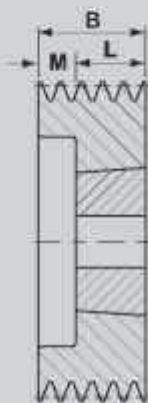
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
160	165.5	5	2517	60	3	80	-	45	35
160	165.5	6	2517	60	4	95	25	45	25
170	175.5	1	1610	42	1	20	-	25	5
170	175.5	2	2012	50	2	35	3	32	-
170	175.5	3	2517	60	3	50	-	45	5
170	175.5	4	2517	60	3	65	-	45	20
170	175.5	5	2517	60	3	80	-	45	35
170	175.5	6	2517	60	4	95	25	45	25
180	185.5	1	1610	42	1	20	-	25	5
180	185.5	2	2012	50	3	35	-	32	3
180	185.5	3	2517	60	3	50	-	45	5
180	185.5	4	2517	60	3	65	-	45	20
180	185.5	5	3020	75	3	80	-	51	29
180	185.5	6	3020	75	4	95	22	51	22
190	195.5	1	2012	50	1	20	-	32	12
190	195.5	2	2012	50	3	35	-	32	3
190	195.5	3	2517	60	3	50	-	45	5
190	195.5	4	3020	75	3	65	-	51	14
190	195.5	5	3020	75	3	80	-	51	29
190	195.5	6	3020	75	4	95	22	51	22
200	205.5	1	2012	50	1	20	-	32	12
200	205.5	2	2517	60	5	35	-	45	10
200	205.5	3	2517	60	4	50	2.5	45	2.5
200	205.5	4	3020	75	3	65	-	51	14
200	205.5	5	3020	75	3	80	-	51	29
200	205.5	6	3020	75	4	95	22	51	22
212	217.5	1	2012	50	1	20	-	32	12
212	217.5	2	2517	60	5	35	-	45	10
212	217.5	3	2517	60	3	50	-	45	5
212	217.5	4	3020	75	3	65	-	51	14
212	217.5	5	3020	75	3	80	-	51	29
212	217.5	6	3020	75	4	95	22	51	22
224	229.5	1	2012	50	1	20	-	32	12
224	229.5	2	2517	60	5	35	-	45	10

For Belt Profile A/SPA

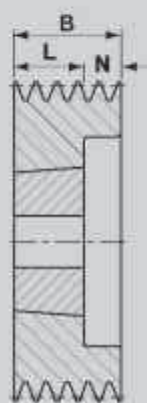
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
224	229.5	3	2517	60	3	50	-	45	5
224	229.5	4	3020	75	3	65	-	51	14
224	229.5	5	3020	75	3	80	-	51	29
224	229.5	6	3020	75	4	95	22	51	22
236	241.5	1	2012	50	1	20	-	32	12
236	241.5	2	2517	60	5	35	-	45	10
236	241.5	3	2517	60	3	50	-	45	5
236	241.5	4	3020	75	3	65	-	51	14
236	241.5	5	3020	75	3	80	-	51	29
236	241.5	6	3020	75	4	95	22	51	22
250	255.5	1	2012	50	1	20	-	32	12
250	255.5	2	2517	60	5	35	-	45	10
250	255.5	3	2517	60	6	50	2.5	45	2.5
250	255.5	4	3020	75	6	65	7	51	7
250	255.5	5	3020	75	6	80	14.5	51	14.5
250	255.5	6	3020	75	6	95	22	51	22
265	270.5	1	2012	50	1	20	-	32	12
265	270.5	2	2517	60	5	35	-	45	10
265	270.5	3	2517	60	6	50	2.5	45	2.5
265	270.5	4	3020	75	6	65	7	51	7
265	270.5	5	3020	75	6	80	14.5	51	14.5
265	270.5	6	3020	75	6	95	22	51	22
280	285.5	1	2012	50	1	20	-	32	12
280	285.5	2	2517	60	9	35	-	45	10
280	285.5	3	2517	60	6	50	-	45	5
280	285.5	4	3020	75	6	65	7	51	7
280	285.5	5	3535	90	9	80	-	89	9
280	285.5	6	3535	90	6	95	-	89	6
300	305.5	1	2012	50	1	20	-	32	12
300	305.5	2	2517	60	9	35	-	45	10
300	305.5	3	2517	60	10	50	-	45	5
300	305.5	4	3020	75	6	65	7	51	7
300	305.5	5	3535	90	9	80	-	89	9
300	305.5	6	3535	90	10	95	-	89	6



Configuration 1



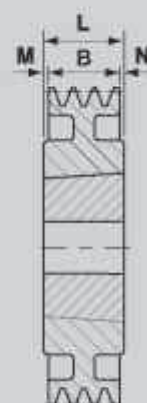
Configuration 2



Configuration 3



Configuration 4



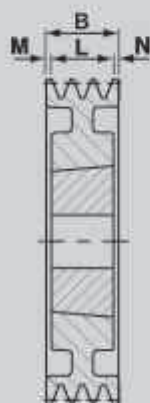
Configuration 5

For Belt Profile A/SPA

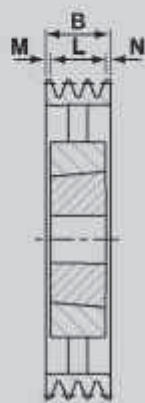
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
315	320.5	1	2012	50	1	20	-	32	12
315	320.5	2	2517	60	9	35	-	45	10
315	320.5	3	3020	75	9	50	-	51	1
315	320.5	4	3020	75	6	65	7	51	7
315	320.5	5	3535	90	5	80	4.5	89	4.5
315	320.5	6	3535	90	10	95	-	89	6
335	340.5	1	2012	50	1	20	-	32	12
335	340.5	2	2517	60	9	35	-	45	10
335	340.5	3	3020	75	5	50	-	51	1
335	340.5	4	3020	75	6	65	7	51	7
335	340.5	5	3535	90	5	80	-	89	9
335	340.5	6	3535	90	6	95	-	89	6
355	360.5	1	2012	50	1	20	-	32	12
355	360.5	2	2517	60	9	35	-	45	10
355	360.5	3	3020	75	9	50	-	51	1
355	360.5	4	3020	75	7	65	7	51	7
355	360.5	5	3535	90	9	80	-	89	9
355	360.5	6	3535	90	10	95	-	89	6
375	380.5	1	2012	50	1	20	-	32	12
375	380.5	2	2517	60	9	35	-	45	10
375	380.5	3	3020	75	9	50	-	51	1
375	380.5	4	3020	75	7	65	7	51	7
375	380.5	5	3535	90	9	80	-	89	9
375	380.5	6	3535	90	10	95	-	89	6
400	405.5	1	2012	50	9	20	-	32	12
400	405.5	2	2517	60	9	35	-	45	10
400	405.5	3	3020	75	9	50	-	51	1
400	405.5	4	3020	75	7	65	7	51	7
400	405.5	5	3535	90	8	80	4.5	89	4.5
400	405.5	6	3535	90	10	95	-	89	6
425	430.5	1	2012	50	9	20	-	32	12
425	430.5	2	2517	60	9	35	-	45	10
425	430.5	3	3020	75	9	50	-	51	1
425	430.5	4	3020	75	7	65	7	51	7

For Belt Profile A/SPA

Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
425	430.5	5	3535	90	9	80	-	89	9
425	430.5	6	3535	90	10	95	-	89	6
450	455.5	1	2012	50	9	20	-	32	12
450	455.5	2	2517	60	9	35	-	45	10
450	455.5	3	3020	75	9	50	-	51	1
450	455.5	4	3020	75	7	65	7	51	7
450	455.5	5	3535	90	9	80	-	89	9
450	455.5	6	3535	90	10	95	-	89	6
475	480.5	2	2517	60	9	35	-	45	10
475	480.5	3	3020	75	9	50	-	51	1
475	480.5	4	3020	75	7	65	7	51	7
475	480.5	5	3535	90	9	80	-	89	9
475	480.5	6	3535	90	10	95	-	89	6
500	505.5	2	2517	60	9	35	-	45	10
500	505.5	3	3020	75	9	50	-	51	1
500	505.5	4	3020	75	7	65	7	51	7
500	505.5	5	3535	90	8	80	4.5	89	4.5
500	505.5	6	3535	90	10	95	-	89	6
530	535.5	2	2517	60	9	35	-	45	10
530	535.5	3	3020	75	9	50	-	51	1
530	535.5	4	3020	75	7	65	7	51	7
530	535.5	5	3535	90	8	80	4.5	89	4.5
530	535.5	6	3535	90	10	95	-	89	6
560	565.5	2	3020	75	9	35	-	51	16
560	565.5	3	3020	75	9	50	-	51	1
560	565.5	4	3535	90	8	65	7	79	7
560	565.5	5	3535	90	9	80	-	89	9
560	565.5	6	3535	90	10	95	-	89	6
630	635.5	2	3020	75	9	35	-	51	16
630	635.5	3	3020	75	9	50	-	51	1
630	635.5	4	3535	90	8	65	12	89	12
630	635.5	5	3535	90	8	80	4.5	89	4.5
630	635.5	6	4040	100	9	95	-	102	7



Configuration 6



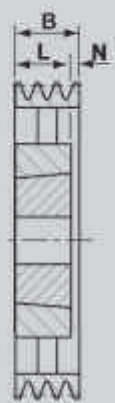
Configuration 7



Configuration 8



Configuration 9



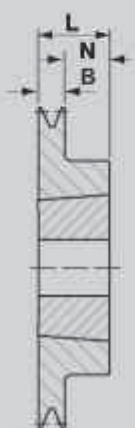
Configuration 10

For Belt Profile B/SPB

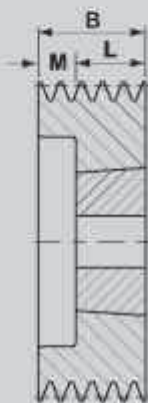
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
100	107	1	1610	42	1	25	-	25	-
100	107	2	1610	42	2	44	19	25	-
100	107	3	1610	42	2	63	38	25	-
106	113	1	1610	42	1	25	-	25	-
106	113	2	1610	42	2	44	19	25	-
106	113	3	1610	42	2	63	38	25	-
112	119	1	1610	42	1	25	-	25	-
112	119	2	1610	42	2	44	19	25	-
112	119	3	1610	42	2	63	38	25	-
118	125	1	1610	42	1	25	-	25	-
118	125	2	1610	42	3	44	-	25	19
118	125	3	1610	42	3	63	-	25	38
125	132	1	1610	42	1	25	-	25	-
125	132	2	1610	42	2	44	19	25	-
125	132	3	1610	42	2	63	38	25	-
125	132	4	2012	50	4	82	25	32	25
125	132	5	2012	50	4	101	34.5	32	34.5
132	139	1	1610	42	1	25	-	25	-
132	139	2	1610	42	2	44	19	25	-
132	139	3	1610	42	2	63	38	25	-
132	139	4	2012	50	4	82	25	32	25
132	139	5	2012	60	3	101	-	32	69
140	147	1	1610	42	1	25	-	25	-
140	147	2	1610	42	2	44	19	25	-
140	147	3	1610	42	2	63	38	25	-
140	147	4	2012	50	4	82	25	32	25
140	147	5	2012	50	3	101	-	32	69
140	147	6	2517	60	4	120	37.5	45	37.5
150	157	1	1610	42	1	25	-	25	-
150	157	2	1610	42	2	44	19	25	-
150	157	3	2012	50	2	63	31	32	-
150	157	4	2012	50	4	82	25	32	25
150	157	5	2517	60	3	101	-	45	56
150	157	6	2517	60	3	120	-	45	75

For Belt Profile B/SPB

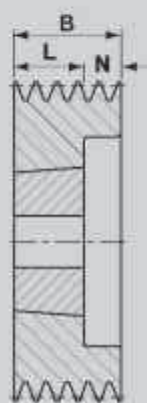
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
160	167	1	1610	42	1	25	-	25	-
160	167	2	2012	50	2	44	12	32	-
160	167	3	2517	60	2	63	18	45	-
160	167	4	2517	60	4	82	18.5	45	16.5
160	167	5	2517	60	4	101	28	45	28
160	167	6	2517	60	3	120	-	45	75
170	177	1	1610	42	1	25	-	25	-
170	177	2	2012	50	2	44	12	32	-
170	177	3	2517	60	2	63	18	45	-
170	177	4	2517	60	4	82	18.5	45	18.5
170	177	5	3020	75	4	101	25	51	25
170	177	6	3020	75	3	120	-	51	69
180	187	1	1610	42	1	25	-	25	-
180	187	2	2012	50	2	44	12	32	-
180	187	3	2517	60	2	63	18	45	-
180	187	4	2517	60	4	82	18.5	45	18.5
180	187	5	3020	75	4	101	25	51	25
180	187	6	3020	75	3	120	-	51	69
190	197	1	2012	50	1	25	-	32	7
190	197	2	2517	60	1	44	-	45	1
190	197	3	2517	60	2	63	18	45	-
190	197	4	2517	60	4	82	18.5	45	18.5
190	197	5	3020	75	4	101	25	51	25
190	197	6	3020	75	3	120	-	51	69
200	207	1	2012	50	1	25	-	32	7
200	207	2	2517	60	1	44	-	45	1
200	207	3	2517	60	3	63	-	45	18
200	207	4	3020	75	3	82	-	51	31
200	207	5	3020	75	3	101	-	51	50
200	207	6	3020	75	3	120	-	51	69
212	219	1	2012	50	1	25	-	32	7
212	219	2	2517	60	1	44	-	45	1
212	219	3	2517	60	3	63	-	45	18
212	219	4	3020	75	3	82	-	51	31



Configuration 1



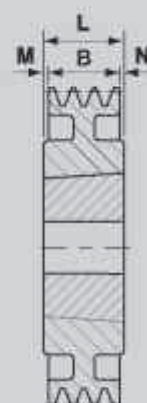
Configuration 2



Configuration 3



Configuration 4



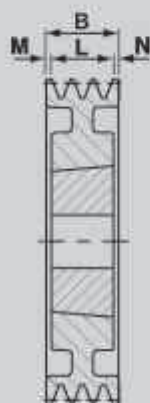
Configuration 5

For Belt Profile B/SPB

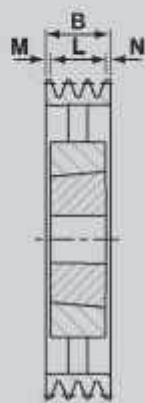
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
212	219	5	3020	75	3	101	-	51	50
212	219	6	3020	75	3	120	-	51	69
224	231	1	2012	50	1	25	-	32	7
224	231	2	2517	60	1	44	-	45	1
224	231	3	2517	60	3	63	-	45	18
224	231	4	3020	75	3	82	-	51	31
224	231	5	3020	75	3	101	-	51	50
224	231	6	3020	75	3	120	-	51	69
236	243	1	2012	50	1	25	-	32	7
236	243	2	2517	60	1	44	-	45	1
236	243	3	2517	60	3	63	-	45	18
236	243	4	3020	75	3	82	-	51	31
236	243	5	3020	75	3	101	-	51	50
236	243	6	3020	75	3	120	-	51	69
250	257	1	2012	50	1	25	-	32	7
250	257	2	2517	60	5	44	-	45	1
250	257	3	3020	75	3	63	-	51	12
250	257	4	3020	75	3	82	-	51	31
250	257	5	3020	75	3	101	-	51	50
250	257	6	3020	75	3	120	-	51	69
265	272	1	2012	50	1	25	-	32	7
265	272	2	2517	60	5	44	-	45	1
265	272	3	3020	75	6	63	6	51	6
265	272	4	3020	75	6	82	15.5	51	15.5
265	272	5	3535	90	6	101	6	89	6
265	272	6	3535	90	6	120	15.5	89	15.5
280	287	1	2012	50	1	25	-	32	7
280	287	2	2517	60	5	44	-	45	1
280	287	3	3020	75	6	63	6	51	6
280	287	4	3020	75	6	82	15.5	51	15.5
280	287	5	3535	90	6	101	6	89	6
280	287	6	3535	90	6	120	15.5	89	15.5
300	307	1	2012	50	1	25	-	32	7
300	307	2	2517	60	5	44	-	45	1

For Belt Profile B/SPB

Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
300	307	3	3020	75	6	63	6	51	6
300	307	4	3535	90	5	82	-	89	7
300	307	5	3535	90	6	101	6	89	6
300	307	6	3535	90	6	120	15.5	89	15.5
315	322	1	2012	50	1	25	-	32	7
315	322	2	2517	60	5	44	-	45	1
315	322	3	3020	75	6	63	6	51	6
315	322	4	3535	90	5	82	3.5	89	3.5
315	322	5	3535	90	6	101	6	89	6
315	322	6	3535	90	6	120	15.5	89	15.5
335	342	2	2517	60	5	44	-	45	1
335	342	3	3020	75	6	63	6	51	6
335	342	4	3535	90	5	82	3.5	89	3.5
335	342	5	3535	90	6	101	6	89	6
335	342	6	3535	90	6	120	15.5	89	15.5
355	362	2	3020	75	8	44	3.5	51	3.5
355	362	3	3020	75	7	63	6	51	6
355	362	4	3535	90	5	82	3.5	89	3.5
355	362	5	3535	90	6	101	6	89	6
355	362	6	3535	90	6	120	15.5	89	15.5
375	382	2	3020	75	8	44	3.5	51	3.5
375	382	3	3535	90	8	63	13	89	13
375	382	4	3535	90	8	82	3.5	89	3.5
375	382	5	3535	90	7	101	6	89	6
375	382	6	3535	90	7	120	15.5	89	15.5
400	407	2	3020	75	8	44	3.5	51	3.5
400	407	3	3535	90	8	63	13	89	13
400	407	4	3535	90	8	82	3.5	89	3.5
400	407	5	3535	90	7	101	6	89	6
400	407	6	3535	90	7	120	15.5	89	15.5
425	432	2	3020	75	8	44	3.5	51	3.5
425	432	3	3535	90	8	63	13	89	13
425	432	4	3535	90	8	82	3.5	89	3.5
425	432	5	3535	90	7	101	6	89	6



Configuration 6



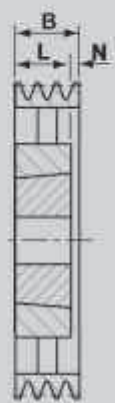
Configuration 7



Configuration 8



Configuration 9



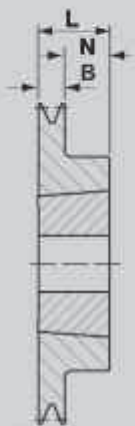
Configuration 10

For Belt Profile B/SPB

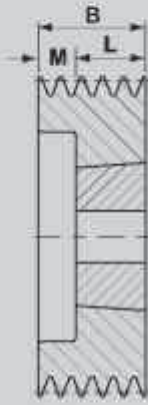
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
425	432	6	3535	90	7	120	15.5	89	15.5
450	457	2	3020	75	8	44	3.5	51	3.5
450	457	3	3535	90	8	63	13	89	13
450	457	4	3535	90	8	82	3.5	89	3.5
450	457	5	3535	90	7	101	6	89	6
450	457	6	4040	100	7	120	9	102	9
475	482	2	3020	75	8	44	3.5	51	3.5
475	482	3	3535	90	8	63	13	89	13
475	482	4	3535	90	8	82	3.5	89	3.5
475	482	5	3535	90	7	101	6	89	6
475	482	6	4040	100	7	120	9	102	9
500	507	2	3020	75	8	44	3.5	51	3.5
500	507	3	3535	90	8	63	13	89	13
500	507	4	3535	90	8	82	3.5	89	3.5
500	507	5	3535	90	7	101	6	89	6
500	507	6	4040	100	7	120	9	102	9
530	537	2	3020	75	8	44	3.5	51	3.5
530	537	3	3535	90	8	63	13	89	13
530	537	4	3535	90	8	82	3.5	89	3.5
530	537	5	4040	100	9	101	-	102	1
530	537	6	4040	100	7	120	9	102	9
560	567	2	3020	75	8	44	3.5	51	3.5
560	567	3	3535	90	8	63	13	89	13
560	567	4	3535	90	8	82	3.5	89	3.5
560	567	5	4040	100	9	101	-	102	1
560	567	6	4040	100	7	120	9	102	9
600	607	2	3020	75	8	44	3.5	51	3.5
600	607	3	3535	90	8	63	13	89	13
600	607	4	3535	90	8	82	3.5	89	3.5
600	607	5	4040	100	9	101	-	102	1
600	607	6	4040	100	7	120	9	102	9
630	637	2	3030	75	8	44	16	76	16
630	637	3	3535	90	8	63	13	89	13

For Belt Profile B/SPB

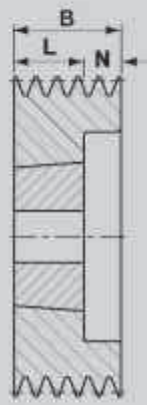
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
630	637	4	3535	90	8	82	3.5	89	3.5
630	637	5	4040	100	9	101	-	102	1
630	637	6	4040	100	7	120	9	102	9
710	717	2	3030	75	8	44	16	76	16
710	717	3	3535	90	8	63	13	89	13
710	717	4	3535	90	8	82	3.5	89	3.5
710	717	5	4040	100	9	101	-	102	1
710	717	6	4545	110	7	120	3	114	3
762	769	2	3030	75	8	44	16	76	16
762	769	3	3535	90	8	63	13	89	13
762	769	4	4040	100	8	82	10	102	10
762	769	5	4040	100	9	101	-	102	1
762	769	6	4545	110	7	120	3	114	3
800	807	2	3030	75	8	44	16	76	16
800	807	3	3535	90	8	63	13	89	13
800	807	4	4040	100	8	82	10	102	10
800	807	5	4040	100	9	101	-	102	1
800	807	6	4545	110	7	120	3	114	3
1000	1007	3	4040	100	8	63	19.5	102	19.5
1000	1007	4	4040	100	8	82	10	102	10
1000	1007	5	4545	110	8	101	6.5	114	6.5
1000	1007	6	4545	110	7	120	3	114	3



Configuration 1



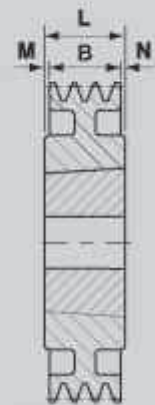
Configuration 2



Configuration 3



Configuration 4



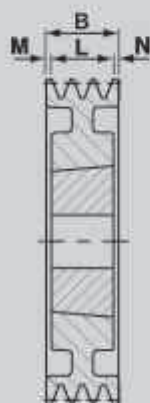
Configuration 5

For Belt Profile C/SPC

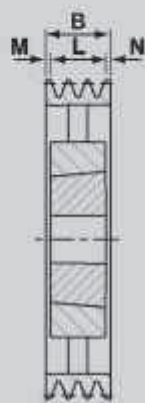
Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
200	209.5	3	2517	60	4	85	20	45	20
200	209.5	4	3020	75	4	111	30	51	30
200	209.5	5	3535	90	4	136	16	89	31
200	209.5	6	3535	90	4	162	16	89	57
200	209.5	8	3535	90	4	213	46	89	78
212	221.5	3	3020	75	4	85	17	51	17
212	221.5	4	3020	75	4	111	30	51	30
212	221.5	5	3535	90	4	136	16	89	31
212	221.5	6	3535	90	4	162	36.5	89	36.5
212	221.5	8	3535	90	4	213	46	89	78
224	233.5	3	3020	75	4	85	17	51	17
224	233.5	4	3535	90	4	111	11	89	11
224	233.5	5	3535	90	4	136	23.5	89	23.5
224	233.5	6	3535	90	4	162	36.5	89	36.5
224	233.5	8	3535	90	4	213	46	89	78
236	245.5	3	3020	75	4	85	17	51	17
236	245.5	4	3535	90	4	111	11	89	11
236	245.5	5	3535	90	4	136	23.5	89	23.5
236	245.5	6	3535	90	4	162	36.5	89	36.5
236	245.5	8	3535	90	4	213	46	89	78
250	259.5	3	3020	75	4	85	17	51	17
250	259.5	4	3535	90	4	111	11	89	11
250	259.5	5	3535	90	4	136	23.5	89	23.5
250	259.5	6	3535	90	4	162	36.5	89	36.5
250	259.5	8	3535	90	4	213	62	89	62
265	274.5	3	3535	90	1	85	-	89	4
265	274.5	4	3535	90	4	111	11	89	11
265	274.5	5	3535	90	4	136	23.5	89	23.5
265	274.5	6	3535	90	4	162	36.5	89	36.5
265	274.5	8	3535	90	4	213	62	89	62
280	289.5	3	3535	90	1	85	-	89	4
280	289.5	4	3535	90	4	111	11	89	11
280	289.5	5	3535	90	4	136	23.5	89	23.5
280	289.5	6	3535	90	4	162	36.5	89	36.5

For Belt Profile C/SPC

Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
280	289.5	8	3535	90	4	213	62	89	62
300	309.5	3	3535	90	5	85	2	89	2
300	309.5	4	3535	90	6	111	11	89	11
300	309.5	5	3535	90	6	136	23.5	89	23.5
300	309.5	6	3535	90	6	162	36.5	89	36.5
300	309.5	8	4040	100	4	213	55.5	102	55.5
315	324.5	3	3535	90	5	85	2	89	2
315	324.5	4	3535	90	6	111	11	89	11
315	324.5	5	3535	90	6	136	23.5	89	23.5
315	324.5	6	3535	90	6	162	36.5	89	36.5
315	324.5	8	4040	100	4	213	55.5	102	55.5
335	344.5	3	3535	90	5	85	2	89	2
335	344.5	4	3535	90	6	111	11	89	11
335	344.5	5	3535	90	6	136	23.5	89	23.5
335	344.5	6	3535	90	6	162	36.5	89	36.5
335	344.5	8	4040	100	4	213	55.5	102	55.5
355	364.5	3	3535	90	5	85	2	89	2
355	364.5	4	3535	90	6	111	11	89	11
355	364.5	5	3535	90	6	136	23.5	89	23.5
355	364.5	6	3535	90	6	162	36.5	89	36.5
355	364.5	8	4040	100	6	213	55.5	102	55.5
375	384.5	3	3535	90	5	85	2	89	2
375	384.5	4	3535	90	6	111	11	89	11
375	384.5	5	3535	90	6	136	23.5	89	23.5
375	384.5	6	4040	100	6	162	30	102	30
375	384.5	8	4545	110	6	213	49.5	114	49.5
400	409.5	3	3535	90	5	85	2	89	2
400	409.5	4	3535	90	7	111	11	89	11
400	409.5	5	3535	90	7	136	23.5	89	23.5
400	409.5	6	4040	100	6	162	30	102	30
400	409.5	8	4545	110	8	213	49.5	114	49.5
425	434.5	3	3535	90	8	85	2	89	2
425	434.5	4	3535	90	7	111	11	89	11



Configuration 6



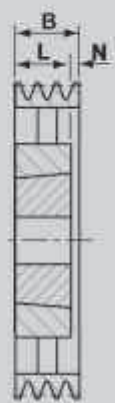
Configuration 7



Configuration 8



Configuration 9



Configuration 10

For Belt Profile C/SPC

Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
425	434.5	5	4040	100	6	136	17	102	17
425	434.5	6	4545	110	6	162	24	114	24
425	434.5	8	5050	125	6	213	43	127	43
450	459.5	3	3535	90	8	85	2	89	2
450	459.5	4	3535	90	7	111	11	89	11
450	459.5	5	4040	100	7	136	17	102	17
450	459.5	6	4545	110	6	162	24	114	24
450	459.5	8	5050	125	6	213	43	127	43
475	484.5	3	3535	90	8	85	2	89	2
475	484.5	4	3535	90	7	111	11	89	11
475	484.5	5	4040	100	7	136	17	102	17
475	484.5	6	4545	110	6	162	24	114	24
475	484.5	8	5050	125	6	213	43	127	43
500	509.5	3	3535	90	8	85	2	89	2
500	509.5	4	3535	90	7	111	11	89	11
500	509.5	5	4040	100	7	136	17	102	17
500	509.5	6	4545	110	7	162	24	114	24
500	509.5	8	5050	125	6	213	43	127	43
530	539.5	3	3535	90	8	85	2	89	2
530	539.5	4	4040	100	7	111	4.5	102	4.5
530	539.5	5	4545	110	7	136	11	114	11
530	539.5	6	5050	125	7	162	17.5	127	17.5
530	539.5	8	5050	125	6	213	43	127	43
560	569.5	3	3535	90	8	85	2	89	2
560	569.5	4	4040	100	7	111	4.5	102	4.5
560	569.5	5	4545	110	7	136	11	114	11
560	569.5	6	5050	125	7	162	17.5	127	17.5
560	569.5	8	5050	125	7	213	43	127	43
600	609.5	3	4040	100	6	85	8.5	102	8.5
600	609.5	4	4545	110	7	111	1.5	114	1.5
600	609.5	5	4545	110	7	136	11	114	11
600	609.5	6	5050	125	7	162	17.5	127	17.5
600	609.5	8	5050	125	7	213	43	127	43

For Belt Profile C/SPC

Pitch Dia. (mm)	Outside Dia. (mm)	No. of Grooves	Bush Size	Max. Bore (mm)	Pulley Config.	Dimensions			
						B	M	L	N
630	639.5	3	4545	110	8	85	14.5	114	14.5
630	639.5	4	4545	110	8	111	1.5	114	1.5
630	639.5	5	5050	125	7	136	4.5	127	4.5
630	639.5	6	5050	125	7	162	17.5	127	17.5
630	639.5	8	5050	125	7	213	43	127	43
710	719.5	3	4545	110	8	85	14.5	114	14.5
710	719.5	4	4545	110	8	111	1.5	114	1.5
710	719.5	5	5050	125	7	136	4.5	127	4.5
710	719.5	6	5050	125	7	162	17.5	127	17.5
710	719.5	8	5050	125	7	213	43	127	43
800	809.5	3	5050	125	8	85	21	127	21
800	809.5	4	5050	125	8	111	8	127	8
800	809.5	5	5050	125	7	136	4.5	127	4.5
800	809.5	6	5050	125	7	162	17.5	127	17.5
800	809.5	8	5050	125	7	213	43	127	43
900	909.5	3	5050	125	8	85	21	127	21
900	909.5	4	5050	125	8	111	8	127	8
900	909.5	5	5050	125	7	136	4.5	127	4.5
900	909.5	6	5050	125	7	162	17.5	127	17.5
900	909.5	8	5050	125	7	213	43	127	43
1000	1009.5	3	5050	125	8	85	21	127	21
1000	1009.5	4	5050	125	8	111	8	127	8
1000	1009.5	5	5050	125	7	136	4.5	127	4.5
1000	1009.5	6	5050	125	7	162	17.5	127	17.5
1000	1009.5	8	5050	125	7	213	43	127	43
1250	1259.5	3	5050	125	8	85	21	127	21
1250	1259.5	4	5050	125	8	111	8	127	8
1250	1259.5	5	5050	125	7	136	4.5	127	4.5
1250	1259.5	6	5050	125	7	162	17.5	127	17.5
1250	1259.5	8	5050	125	7	213	43	127	43

Continental Taper Bushes

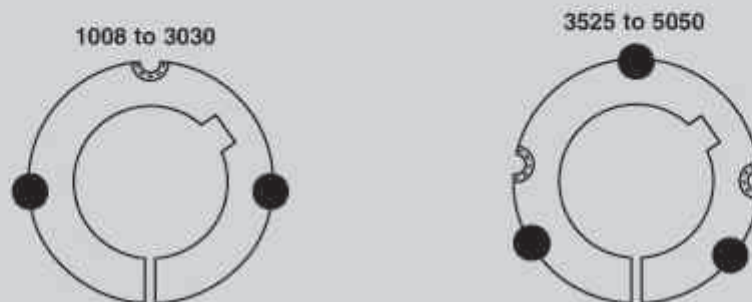
Installation Instructions

To install

- ▶ Clean shaft, bore of the hub and outside of bush of oil, dirt etc. Place bush in the hub and line up half holes to make complete holes. Each complete hole will be threaded on one side only i.e in the hub or the bush.
- ▶ Lightly oil thread & point of grub screws or thread & under head of cap screws. Place screws loosely in holes that are threaded on hub side (shown as ● in the diagram).
- ▶ Ensure that the bush is free in the hub and slip the bush and hub assembly on to the shaft as one unit. Locate the assembly in the desired position.
- ▶ Tighten Screws alternately & evenly until all are fully secured. Refer to the table below for the size of screw & the screw tightening torque values.
- ▶ Lightly tap large end of the bush using hammer & block to prevent any damage. Screws can now be turned a little more. Repeat this alternate hammering & screw tightening once or twice till the specified torque settings are reached. All empty holes may be filled with grease to keep the dirt out.
- ▶ For normal drives where no shock loads or pulsating loads are present, it is not necessary to use a key. If, however, a key is to be used, place it in the shaft keyway before fitting the bush and hub on the shaft. It is necessary to use only a side fitting parallel key with top clearance and taper keys or Woodruff keys or not recommended.

To Remove

- ▶ Remove all screws, lightly oil thread & point of grub screws or thread & under head of cap screws.
- ▶ Insert screws in removal holes that are threaded on the bush side. These removal holes, one or two in number, also called jacking off holes are represented as ☺ in the diagram.
- ▶ Tighten screws alternately until bush is loosened in the hub & then remove the complete assembly from the shaft. If the bush does not loosen immediately tap on the hub.



Screw and Wrench Torque Details

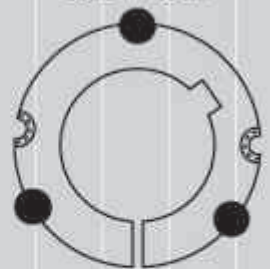
Bush Size		1008 1108	1210 1215	1310	1610 1615	2012	2517 2525	3020 3030	3525 3535	4040	4545	5050
Tightening Torque	(Nm)	6	20	20	20	30	50	90	105	170	190	270
Screw Details	Qty & Type	2 Set Screws (Grub Screws) BSW							3 Cap Screws BSW			
	Size	1/4"	3/8"	3/8"	3/8"	7/16"	1/2"	5/8"	1/2"	5/8"	3/4"	7/8"

Metric Bores And Keyways

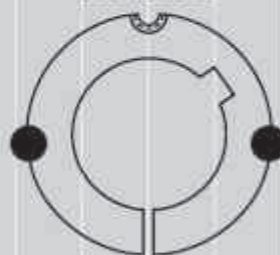
Dimensions in millimetres

Bore Dia.	Keyway		Shallow Keyway Depth	Taper Bush Size (3 Hole)												Taper Bush Size (5 Hole)				
	Width	Depth		1008	1108	1210	1215	1310	1610	1615	2012	2517	2525	3020	3030	3525	3535	4040	4545	5050
9	3	1.4	-	9	9															
10	3	1.4	-	10	10															
11	4	1.8	-	11	11	11	11													
12	4	1.8	-	12	12	12	12													
14	5	2.3	-	14	14	14	14	14	14	14	14									
16	5	2.3	-	16	16	16	16	16	16	16	16	16								
18	6	2.8	-	18	18	18	18	18	18	18	18	18								
19	6	2.8	-	19	19	19	19	19	19	19	19	19	19							
20	6	2.8	-	20	20	20	20	20	20	20	20	20	20							
22	6	2.8	-	22	22	22	22	22	22	22	22	22	22							
24	8	3.3	1.3	24*	24	24	24	24	24	24	24	24	24							
25	8	3.3	1.3	25*	25	25	25	25	25	25	25	25	25	25						
28	8	3.3	1.3		28*	28	28	28	28	28	28	28	28	28						
30	8	3.3	-			30	30	30	30	30	30	30	30	30						
32	10	3.3	1.3			32*	32*	32	32	32	32	32	32	32						
35	10	3.3	1.3					35*	35	35	35	35	35	35	35	35	35			
38	10	3.3	-						38	38	38	38	38	38	38	38	38			
40	12	3.3	1.3						40*	40*	40	40	40	40	40	40	40	40		
42	12	3.3	1.3						42*	42*	42	42	42	42	42	42	42	42		
45	14	3.8	-								45	45	45	45	45	45	45	45		
48	14	3.8	2.8								48	48	48	48	48	48	48	48		
50	14	3.8	-								50*	50	50	50	50	50	50	50		
55	16	4.3	-									55	55	55	55	55	55	55	55	
60	18	4.4	-									60	60	60	60	60	60	60	60	
65	18	4.4	-											65	65	65	65	65	65	
70	20	4.9	-											70	70	70	70	70	70	70
75	20	4.9	-											75	75	75	75	75	75	75
80	22	5.4	-													80	80	80	80	80
85	22	5.4	-													85	85	85	85	85
90	25	5.4	3.4													90*	90*	90	90	90
95	25	5.4	-															95	95	95
100	28	6.4	5.4															100*	100	100
105	28	6.4	-																105	105
110	28	6.4	-																110	110
115	32	7.4	-																	115
120	32	7.4	-																	120
125	32	7.4	-																	125
Nominal dia. at large end of Taper				35.0	38.0	47.5	47.5	51.0	57.0	57.0	70.0	85.5	85.5	108.0	108.0	127.0	127.0	146.0	162.0	177.5
Mass of Bush (mid range bores)/kg				0.12	0.14	0.25	0.35	0.28	0.36	0.50	0.68	1.46	2.01	2.60	3.30	4.20	5.45	8.20	10.50	13.50

3525 to 5050



1008 to 3030



Note: 1) Keyways are parallel and in accordance with BS 4235 : Part 1 : 1972, DIN 6885 and conform to ISO recommendations except those marked * which are shallower.

2) Depth of keyway measured at centre.

3) If a key is used, it should be parallel and side fitting with top clearance.

4) Taper Bushes with imperial bores also available with keyways conforming to BS 46 : Part 1 : 1958.

Power Transmission Group - Production Plants Worldwide



ContiTech
Antriebssysteme GmbH
Postfach 445
D-30004 Hannover
Phone +49 511 938-71
Fax: +49 511 938-5128
Email: industrie.as@ptg.contitech.de

Works & Corporate Office-India

ContiTech India Private Limited
Badkhalsa,
Distt. Sonapat-131 029
Haryana, India
Tel.: 0130-6066827
Mobile: +91-9996600827
Email: industry.sales@ptg.contitech.in
Website : www.contitech.de
www.contitechindia.com

Branch Sales Offices

- Ahmedabad : (079) 27542680, 27545189
- Kolkata : (033) 40638290, 40638009
- Chennai : (044) 28110736, 28110737
- Mumbai : (022) 64520354, 64527154
- Delhi : (011) 25920590, 25920074

- ✉ Ahmedabad.cipl@contitechindia.com
- ✉ Kolkata.cipl@contitechindia.com
- ✉ Chennai.cipl@contitechindia.com
- ✉ Mumbai.cipl@contitechindia.com
- ✉ Nro.cipl@contitechindia.com