



## **T**Bore **V-pulleys** BS3790 - 1981

We can produce the whole series of taper bore v-pulleys: SPA, SPB, SPC and SPZ. They are made of high grade GG25 cast iron, with a delicate finish and assembled precisely. They can also be matched with BTL Bushings with easy on and easy off capabilities and practical utility. They are suitable for all kinds of power transmission installation.



Commercial grade boxes can be provided to taper bore V-pulleys of the outside diameter below 300MM.





Stock sale, immediate delivery.



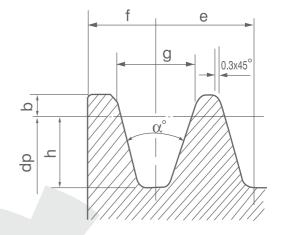






# **B**ore **V-pulleys** BS3790 - 1981

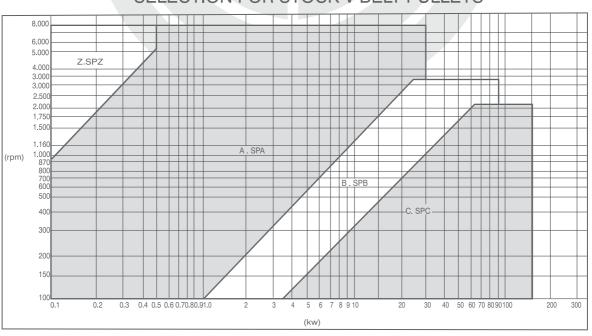




SPZ - SPA - SPB - SPC

SEZIONE	PD(mm)	a°	f	е	g	h	b
Z-SPZ	€80	34	8	12	9.7	9	2
2-372	>80	38	0	12	9.9	9	
A-SPA	≤118	34	10	15	12.7	11	2.75
A-31 A	>118	38	10	15	12.9		2.75
B-SPB	≤190	34	12.5	19	16.1	14	3.5
B-3FB	>190	38	12.5	19	16.4	14	3.5
C-SPC	<b>≤</b> 315	34	17	25.5	21.9	19	4.0
U-3PC	>315	38	17	25,5	22.3	19	4.8

#### SELECTION FOR STOCK V-BELT PULLEYS







# Taper Bore V-pulleys

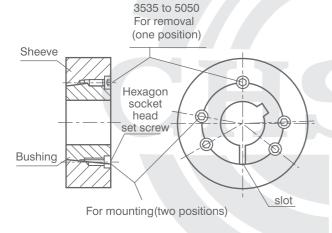
#### BTL

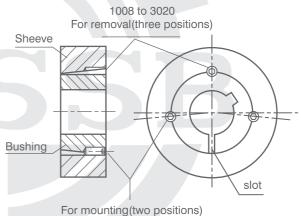
#### BTL Taper bushing

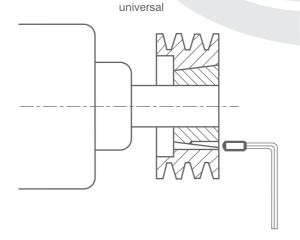
#### ASSEMBLING INSTRCTIONS

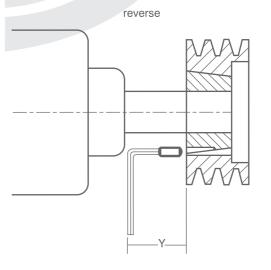
Welt pulleys with new taper-lock type bushings have changed the traditional way of transmissions. It is easy on and easy off with high precision and reliable transmission function. It is suitable for any installation of different sizes by using taper lock bushings of different types. It can simplify the design procedure, avoid the re-machinery thus increase the degree of the commonality and standardization of the v-belt pulleys. It can be adopted widely in the power transmission industry.











Screw fastening and removing clearance (Y) is necessary.









BTL

#### SPA-SPB-SPC-SPZ

#### BTL Taper bushing

#### ASSEMBLING INSTRUCTIONS

#### Tool Required Are:

- -torque wrench or hexagon wrench
- -socket wrench for bushing
- -plastic hammer
- -screwdriver

#### TO ASSEMBLE TO REMOVE

Insert bushing into sheave and fasten with right strength.



Bushing should not be fastened to final positions. Bolts screwed-up about two thirds of the overall length.

Remove bolt



Screw off all bolts and remove.

Insert to shaft



Bushing is still loosely fastened Expand the bolt with the screwdriver to insert easily. Loosen taper-fitted bushing from shaft.



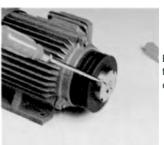
Place lubrication oil on blot Screw one of the bolts into a removal hole until bushing comes out about 5mm. If removing the bolt is difficult, hit on the hub of the sheave with a hammer.

Fastening bolts to finish



Fasten with wrench (torque wrench is better if bolt is tough to screw on). Lightly hit on hub of sheave with a hammer screw gradually and alternatively give a little grease into a removal hole.

Remove bushing and pulley.



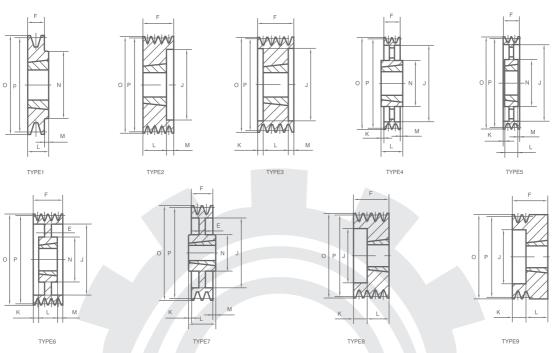
Expand the bolt with screwdriver to get it to remove from the shaft easily.









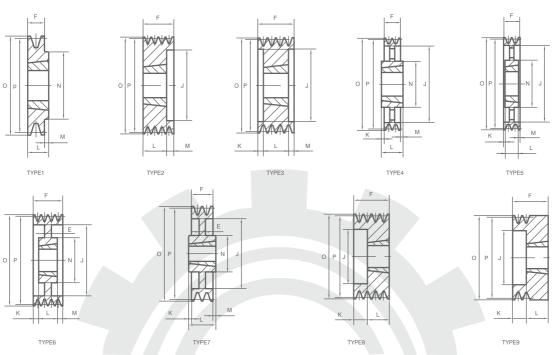


PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	Е	F	J	K	L	M	N
SPZ 50-01	1	50.0	54.0	9	1008	25		37	28	15	22	_	_
SPZ 56-01	1	56.0	60.0	9	1008	25		37	33	15	22	_	_
SPZ 60-01	1	60.0	64.0	9	1008	25	_	22	_	_	22	—	_
SPZ 63-01	11	63.0	67.0	1	1108	28	_	16	_	_	22	6	62
SPZ 67-01	1	67.0	71.0	1	1108	28	_	16	_	_	22	6	62
SPZ 71-01	1	71.0	75.0	1	1108	28	_	16	_	_	22	6	62
SPZ 75-01	1	75.0	79.0	1	1108	28	_	16	_	_	22	6	62
SPZ 80-01	1	80.0	84.0	1	1210	32		16	_	_	25	9	75
SPZ 85-01	1	85.0	89.0	1	1210	32	_	16	_	_	25	9	75
SPZ 90-01	1	90.0	94.0	1	1210	32	_	16	_	_	25	9	75
SPZ 95-01	1	95.0	99.0	1	1210	32	_	16	_	_	25	9	75
SPZ100-01	1	100.0	104.0	1	1210	32	_	16	_	_	25	9	75
SPZ106 -01	1	106.0	110.0	1	1610	42		16	_	_	25	9	80
SPZ112-01	1	112.0	116.0	1	1610	42	_	16	_	_	25	9	80
SPZ118-01	1	118.0	122.0	1	1610	42	_	16	_	_	25	9	80
SPZ125-01	1	125.0	129.0	1	1610	42	_	16	_	_	25	9	80
SPZ132-01	1	132.0	136.0	1	1610	42	_	16	_	_	25	9	80
SPZ140-01	1	140.0	144.0	1	1610	42	_	16	_	_	25	9	80
SPZ150-01	1	150.0	154.0	1	1610	42	_	16	_	_	25	9	80
SPZ160-01	1	160.0	164.0	1	1610	42	_	16	_	_	25	9	80
SPZ170-01	1	170.0	174.0	1	1610	42	_	16	_	_	25	9	80
SPZ180-01	1	180.0	184.0	1	1610	42	_	16	_	—	25	9	80
SPZ190-01	1	190.0	194.0	7	1610	42	15	16	161	—	25	9	80
SPZ200-01	1	200.0	204.0	7	2012	50	15	16	172	—	32	16	100
SPZ224-01	1	224.0	228.0	7	2012	50	15	16	196	_	32	16	100
SPZ250-01	1	250.0	254.0	4	2012	50		16	222	8	32	8	100
SPZ280-01	1	280.0	284.0	4	2012	50	_	16	252	8	32	8	100
SPZ315-01	1	315.0	319.0	4	2012	50	_	16	287	8	32	8	100
SPZ355-01	1	355.0	359.0	4	2012	50	_	16	326	8	32	8	112
SPZ400-01	1	400.0	404.0	4	2012	50	_	16	371	8	32	8	112
SPZ450-01	1	450.0	454.0	4	2517	60		16	421	14.5	45	14.5	120









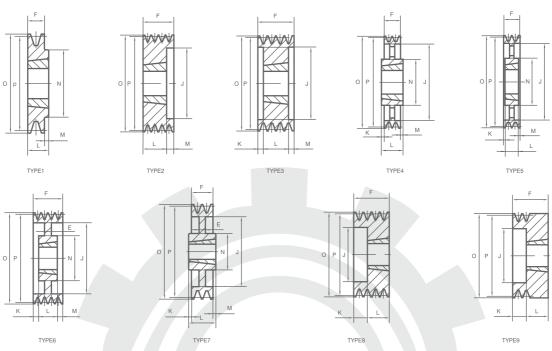
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PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	Е	F	J	K	L	M	N
SPZ 50-02	2	50.0	54.0	9	1008	25		49	28	27	22	_	
SPZ 56-02	2	56.0	60.0	9	1108	28		49	35	27	22	—	—
SPZ 60-02	2	60.0	64.0	9	1108	28	_	49	36	27	22	—	_
SPZ 63-02	2	63.0	67.0	8	1108	28		28	40	6	22		_
SPZ 67-02	2	67.0	71.0	8	1108	28		28	42	6	22		_
SPZ 71-02	2	71.0	75.0	8	1108	28	_	28	42	6	22	_	
SPZ 75-02	2	75.0	79.0	8	1210	32		28	51	3	25	—	—
SPZ 80-02	2	80.0	84.0	8	1210	32		28	51	3	25		_
SPZ 85-02	2	85.0	89.0	8	1610	42	_	28	60	3	25	—	—
SPZ 90-02	2	90.0	94.0	8	1610	42	_	28	61	3	25	—	_
SPZ 95-02	2	95.0	99.0	8	1610	42	_	28	66	3	25	_	
SPZ100-02	2	100.0	104.0	8	1610	42	_	28	71	3	25	—	—
SPZ106-02	2	106.0	110.0	8	1610	42	_	28	76	3	25	—	_
SPZ112-02	2	112.0	116.0	8	1610	42	_	28	84	3	25	—	—
SPZ118-02	2	118.0	122.0	8	1610	42	_	28	90	3	25	—	_
SPZ125-02	2	125.0	129.0	8	1610	42	_	28	97	3	25	_	
SPZ132-02	2	132.0	136.0	8	1610	42	_	28	104	3	25	—	—
SPZ140-02	2	140.0	146.0	8	1610	42	_	28	112	3	25	—	—
SPZ150-02	2	150.0	154.0	1	2012	50	_	28	—	—	32	4	100
SPZ160-02	2	160.0	164.0	1	2012	50	_	28	—	—	32	4	100
SPZ170-02	2	170.0	174.0	1	2012	50	_	28	_	_	32	4	100
SPZ180-02	2	180.0	184.0	7	2012	50	10	28	152	_	32	4	100
SPZ190-02	2	190.0	194.0	7	2012	50	10	28	161	_	32	4	100
SPZ200-02	2	200.0	204.0	7	2012	50	10	28	171	—	32	4	100
SPZ224-02	2	224.0	228.0	7	2012	50	10	28	196	—	32	4	100
SPZ250-02	2	250.0	254.0	4	2012	50	_	28	222	2	32	2	100
SPZ280-02	2	280.0	284.0	4	2012	50	_	28	252	2	32	2	100
SPZ315-02	2	315.0	319.0	4	2012	50	_	28	286	2	32	2	100
SPZ355-02	2	355.0	359.0	4	2012	50	_	28	326	2	32	2	112
SPZ400-02	2	400.0	404.0	4	2517	50	_	28	371	8.5	45	8.5	120
SPZ450-02	2	450.0	454.0	4	2517	60	_	28	421	8.5	45	8.5	120







## V-pulleys



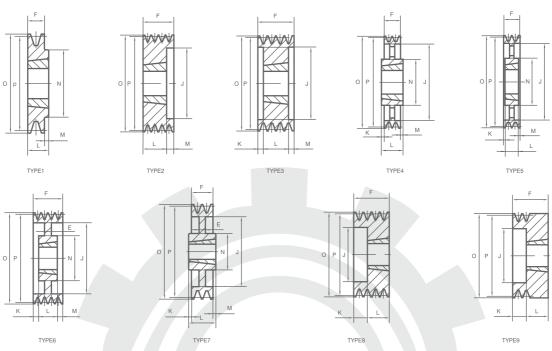
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	Е	F	J	K	L	M	N
SPZ 63-03	3	63.0	67.0	8	1108	28		40	40	18	22		_
SPZ 67-03	3	67.0	71.0	8	1108	28		40	42	18	22	_	_
SPZ 71-03	3	71.0	75.0	8	1108	28	_	40	42	18	22	—	_
SPZ 75-03	3	75.0	79.0	8	1210	32	_	40	48	15	25	_	_
SPZ 80-03	3	80.0	84.0	8	1210	32	<u> </u>	40	51	15	25	—	_
SPZ 85-03	3	85.0	89.0	8	1610	42		40	60	15	25	_	_
SPZ 90-03	3	90.0	94.0	8	1610	42	—	40	61	15	25	—	—
SPZ 95-03	3	95.0	99.0	8	1610	42		40	66	15	25	—	—
SPZ 100-03	3	100.0	104.0	8	1610	42	_	40	71	15	25	—	—
SPZ 106-03	3	106.0	110.0	8	1610	42		40	78	15	25	—	_
SPZ 112-03	3	112.0	116.0	8	2012	50	_	40	84	8	32	_	_
SPZ 118-03	3	118.0	122.0	8	2012	50	_	40	92	8	32	—	—
SPZ 125-03	3	125.0	129.0	2	2012	50	_	40	97	_	32	8	—
SPZ 132-03	3	132.0	136.0	2	2012	50	_	40	104	_	32	8	—
SPZ140-03	3	140.0	144.0	2	2012	50	_	40	112	_	32	8	_
SPZ 150-03	3	150.0	154.0	2	2012	50	_	40	122	_	32	8	—
SPZ 160-03	3	160.0	164.0	2	2012	50	_	40	132	_	32	8	—
SPZ 170-03	3	170.0	174.0	2	2012	50	_	40	141	_	32	8	—
SPZ 180-03	3	180.0	184.0	2	2012	50	_	40	152	_	32	8	—
SPZ190-03	3	190.0	194.0	6	2012	50	20	40	161	4	32	4	100
SPZ 200-03	3	200.0	204.0	6	2012	50	20	40	172	4	32	4	100
SPZ 224-03	3	224.0	228.0	6	2012	50	20	40	196	4	32	4	100
SPZ 250-03	3	250.0	254.0	5	2012	50	_	40	222	4	32	4	100
SPZ 280-03	3	280.0	284.0	4	2517	50	_	40	252	2.5	45	2.5	120
SPZ 315-03	3	315.0	319.0	4	2517	50		40	287	2.5	45	2.5	120
SPZ 355-03	3	355.0	359.0	4	2517	60	—	40	326	2.5	45	2.5	120
SPZ 400-03	3	400.0	404.0	4	2517	60	_	40	371	2.5	45	2.5	120
SPZ 450-03	3	450.0	454.0	4	2517	60	_	40	421	2.5	45	2.5	120
SPZ 500-03	3	500.0	504.0	4	2517	60	—	40	471	2.5	45	2.5	120
SPZ 630-03	3	630.0	634.0	4	2517	60		40	601	2.5	45	2.5	120
SPZ 800-03	3	800.0	804.0	4	3020	75	_	40	771	2.5	51	5.5	150











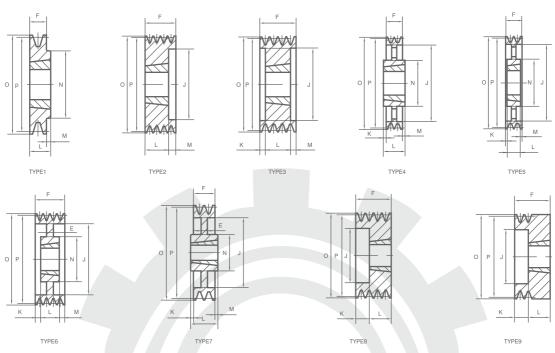
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	К	L	M	N
SPZ 80-04	4	80.0	84.0	8	1210	32		52	51	27	25	_	_
SPZ 85-04	4	85.0	89.0	8	1610	42		52	60	27	25	—	_
SPZ 90-04	4	90.0	94.0	8	1610	42	_	52	61	27	25	—	—
SPZ 95-04	4	95.0	99.0	8	1610	42	_	52	66	27	25	—	_
SPZ100-04	4	100.0	104.0	8	1610	42	_	52	72	27	25	—	—
SPZ106-04	4	106.0	110.0	8	1610	42	_	52	80	27	25	_	_
SPZ112-04	4	112.0	116.0	8	2012	50	_	52	86	20	32	—	—
SPZ118-04	4	118.0	122.0	8	2012	50		52	92	20	32	—	—
SPZ125-04	4	125.0	129.0	2	2012	50	_	52	99	20	32	20	—
SPZ132-04	4	132.0	136.0	2	2012	50	_	52	104	20	32	20	—
SPZ140-04	4	140.0	144.0	2	2012	50	_	52	112	7	32	20	_
SPZ150-04	4	150.0	154.0	2	2517	60	_	52	122	7	45	7	—
SPZ160-04	4	160.0	164.0	2	2517	60	_	52	132	—	45	7	—
SPZ170-04	4	170.0	174.0	2	2517	60	_	52	141	—	45	7	—
SPZ180-04	4	180.0	184.0	2	2517	60	_	52	152	_	45	7	_
SPZ190-04	4	190.0	194.0	6	2517	60	10	52	161	3.5	45	3.5	120
SPZ200-04	4	200.0	204.0	6	2517	60	10	52	172	3.5	45	3.5	120
SPZ224-04	4	224.0	228.0	6	2517	60	10	52	196	3.5	45	3.5	120
SPZ250-04	4	250.0	254.0	5	2517	60	_	52	222	3.5	45	3.5	120
SPZ280-04	4	280.0	284.0	5	2517	60	_	52	252	3.5	45	3.5	120
SPZ315-04	4	315.0	319.0	5	2517	60	_	52	287	3.5	45	3.5	120
SPZ355-04	4	355.0	359.0	5	2517	60	_	52	326	3.5	45	3.5	120
SPZ400-04	4	400.0	404.0	5	2517	60	_	52	371	3.5	45	3.5	120
SPZ450-04	4	450.0	454.0	5	3020	75	_	52	421	0.5	51	0.5	150
SPZ500-04	4	500.0	504.0	5	3020	75	_	52	471	0.5	51	0.5	150
SPZ630-04	4	630	634.0	4	3030	75	_	52	601-	12	76	12	150
SPZ800-04	4	800.0	804.0	4	3030	75	_	52	771	12	76	12	150











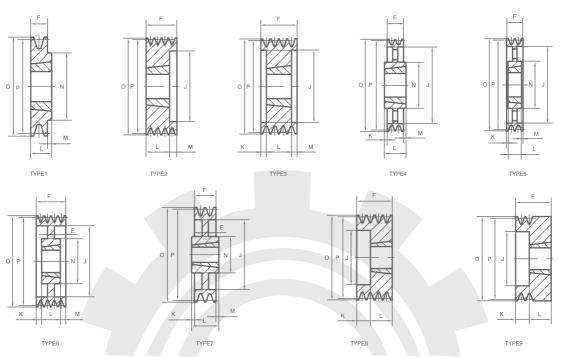
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	Е	F	J	К	L	M	N
SPZ 85-05	5	85.0	89.0	8	1610	42		64	60	39	25	_	
SPZ 90-05	5	90.0	94.0	8	1610	42		64	61	39	25	—	—
SPZ 95-05	5	95.0	99.0	8	1610	42	_	64	66	39	25	_	—
SPZ100-05	5	100.0	104.0	8	2012	50	_	64	72	32	32	—	—
SPZ106-05	5	106.0	110.0	8	2012	50	_	64	78	32	32	_	_
SPZ112-05	5	112.0	116.0	8	2012	50	_	64	84	32	32	_	
SPZ118-05	5	118.0	122.0	8	2012	50	_	64	90	32	32	—	—
SPZ125-05	5	125.0	129.0	8	2012	50		64	97	32	32	_	—
SPZ132-05	5	132.0	136.0	8	2517	60		64	104	19	45	—	—
SPZ140-05	5	140.0	144.0	2	2517	60	_	64	112	_	45	19	—
SPZ150-05	5	150.0	154.0	2	2517	60		64	122	_	45	19	
SPZ160-05	5	160.0	164.0	2	2517	60	_	64	132	—	45	19	—
SPZ170-05	5	170.0	174.0	2	2517	60	_	64	141	—	45	19	—
SPZ180-05	5	180.0	184.0	2	2517	60	_	64	152	—	45	19	—
SPZ190-05	5	190.0	194.0	6	2517	60	10	64	161	9.5	45	9.5	120
SPZ200-05	5	200.0	204.0	6	2517	60	10	64	172	9.5	45	9.5	120
SPZ224-05	5	224.0	228.0	6	2517	60	10	64	196	9.5	45	9.5	120
SPZ250-05	5	250.0	254.0	5	2517	60	_	64	222	9.5	45	9.5	120
SPZ280-05	5	280.0	284.0	5	2517	60	_	64	252	9.5	45	9.5	120
SPZ315-05	5	315.0	319.0	5	2517	60	_	64	287	9.5	45	9.5	120
SPZ355-05	5	355.0	359.0	5	2517	60	_	64	326	9.5	45	9.5	120
SPZ400-05	5	400.0	404.0	5	3020	75	_	64	371	6.5	51	6.5	150
SPZ450-05	5	450.0	454.0	5	3020	75	_	64	421	6.5	51	6.5	150
SPZ500-05	5	500.0	504.0	4	3030	75	_	64	471	6	76	6	150
SPZ630-05	5	630.0	634.0	4	3030	75	_	64	601	6	76	6	150
SPZ800-05	5	0.008	804.0	4	3535	90	_	64	771	12.5	89	12.5	170







## V-pulleys



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	Е	F	J	К	L	M	N
SPZ 90-06	6	90.0	94.0	8	1610	42	_	76	61	51	25	_	_
SPZ 95-06	6	95.0	99.0	8	1610	42	_	76	66	51	25	l —	_
SPZ100-06	6	100.0	104.0	8	2012	50	_	76	72	44	32		_
SPZ106-06	6	106.0	110.0	8	2012	50	_	76	78	44	32	l —	_
SPZ112-06	6	112.0	116.0	8	2012	50		76	84	44	32		_
SPZ118-06	6	118.0	122.0	8	2517	60		76	90	31	45	_	
SPZ125-06	6	125.0	129.0	8	2517	60	_	76	97	31	45		_
SPZ132-06	6	132.0	136.0	8	2517	60	_	76	104	31	45	—	_
SPZ140-06	6	140.0	146.0	2	2517	60	_	76	112	_	45	31	_
SPZ150-06	6	150.0	154.0	2	2517	60		76	122	_	45	31	_
SPZ160-06	6	160.0	164.0	2	2517	60	_	76	132	_	45	31	
SPZ170-06	6	170.0	174.0	2	2517	60	_	76	141	—	45	31	—
SPZ180-06	6	180.0	184.0	2	2517	60	_	76	152	—	45	31	—
SPZ190-06	6	1900	194.0	6	2517	60	10	76	161	15.0	45	15.5	120
SPZ200-06	6	200.0	204.0	6	2517	60	10	76	172	15.0	45	15.5	120
SPZ224-06	6	224.0	228.0	6	2517	60	10	76	196	15.5	45	15.5	120
SPZ250-06	6	250.0	254.0	5	2517	60	_	76	222	15.5	45	15.5	120
SPZ280-06	6	280.0	284.0	5	2517	60	_	76	252	15.5	45	15.5	120
SPZ315-06	6	315.0	319.0	5	2517	60	_	76	287	15.5	45	15.5	120
SPZ355-06	6	355.0	359.0	5	2517	60	_	76	326	15.5	45	15.5	125
SPZ400-06	6	400.0	404.0	5	3030	75	_	76	371	_	76	_	150
SPZ450-06	6	450.0	454.0	5	3030	75	—	76	421	—	76	—	150
SPZ500-06	6	500.0	504.0	5	3030	75	—	76	471	—	76	—	150
SPZ630-06	6	630.0	634.0	4	3535	90	—	76	601	6.5	89	6.5	170
SPZ800-06	6	800.0	804.0	4	3535	90	_	76	771	6.5	89	6.5	170



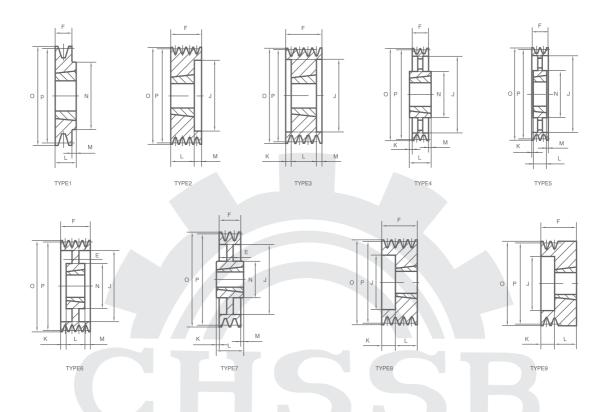
POWER TRANSMISSION





## Taper Bore V-pulleys

#### SPZ-8



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	Е	F	J	K	L	M	N
SPZ140-08	8	140.0	144.0	3	2517	60		100	112	27.5	45	27.5	_
SPZ150-08	8	150.0	154.0	3	2517	60		100	122	27.5	45	27.5	_
SPZ160-08	8	160.0	164.0	3	2517	60	_	100	132	27.5	45	27.5	_
SPZ180-08	8	180.0	184.0	3	2517	60	_	100	152	27.5	45	27.5	_
SPZ200-08	8	200.0	204.0	3	3020	75	_	100	171	24.5	51	24.5	
SPZ224-08	8	224.0	228.0	3	3020	75	_	100	195	24.5	51	24.5	_
SPZ250-08	8	250.0	254.0	6	3020	75	_	100	221	24.5	51	24.5	150
SPZ280-08	8	280.0	284.0	5	3020	75	_	100	252	24.5	51	24.5	150
SPZ355-08	8	355.0	359.0	5	3030	75	_	100	326	12	76	12	150
SPZ400-08	8	400.0	404.0	5	3030	75		100	371	12	76	12	150
SPZ450-08	8	450.0	454.0	5	3535	90	_	100	421	5.5	89	5.5	170

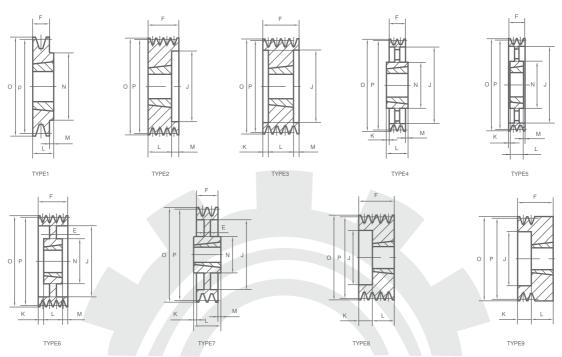
#### Standard bore dimensions of BTL bushings

Dualaina											Sto	ock	Bor	es										
Bushing	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75	80	85	90	95	100
2517	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
3020				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
3030				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
3535								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		







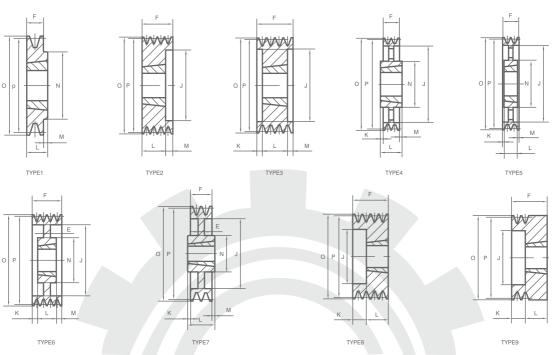


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PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	Е	F	J	К	L	M	N
SPA 63-01	1	63.0	68.5	1	1008	28		20	_		22	2	56
SPA 67-01	1	67.0	72.5	1	1108	28	_	20	_	_	22	2	62
SPA 71-01	1	71.0	76.5	1	1108	28	_	20		_	22	2	62
SPA 75-01	1	75.0	80.5	1	1108	28	_	20		_	22	2	62
SPA 80-01	1	80.0	85.5	1	1210	32	_	20	_		25	5	75
SPA 85-01	1	85.0	90.5	1	1210	32		20	_	_	25	5	75
SPA 90-01	1	90.0	95.5	1	1210	32		20	L —	_	25	5	75
SPA 95-01	1	95.0	100.5	1	1210	32	_	20	_		25	5	75
SPA100-01	1	100.0	105.5	1	1610	42	_	20	_	_	25	5	80
SPA106-01	1	106.0	111.5	1	1610	42	_	20	_	_	25	5	80
SPA112-01	1	112.0	117.5	1	1610	42	_	20	_	_	25	5	80
SPA118-01	1	118.0	123.5	1	1610	42	_	20	_	_	25	5	80
SPA125-01	1	125.0	130.5	1	1610	42	_	20	_	_	25	5	80
SPA132-01	1	132.0	137.5	1	1610	42	_	20	_	_	25	5	80
SPA140-01	1	140.0	145.5	1	1610	42	_	20	_	_	25	5	80
SPA150-01	1	150.0	155.5	1	1610	42	_	20	_		25	5	80
SPA160-01	1	160.0	165.5	1	1610	42	_	20	_	_	25	5	80
SPA170-01	1	170.0	175.5	1	1610	42	_	20	—	_	25	5	80
SPA180-01	1	180.0	185.5	1	1610	42	_	20	_	_	25	5	80
SPA190-01	1	190.0	195.5	1	1610	42	_	20	—	_	25	5	80
SPA200-01	1	200.0	205.5	7	2012	50	10	20	165	_	32	12	100
SPA224-01	1	224.0	229.5	7	2012	50	10	20	189	_	32	12	100
SPA250-01	1	250.0	255.5	7	2012	50	10	20	215	6	32	6	100
SPA280-01	1	280.0	285.5	7	2012	50	10	20	245	_	32	12	100
SPA315-01	1	315.0	320.5	4	2012	50	_	20	280	_	32	12	100
SPA355-01	1	355.0	360.5	4	2012	50	_	20	320	_	32	12	100
SPA400-01	1	400.0	405.5	4	2012	50	_	20	365	_	32	12	100
SPA450-01	1	450.0	455.5	4	2012	50	_	20	415	_	32	12	100
SPA500-01	1	500.0	505.5	4	2517	60	_	20	465	_	45	25	120
SPA630-01	1	630.0	635.5	4	2517	60	_	20	595	_	45	25	120







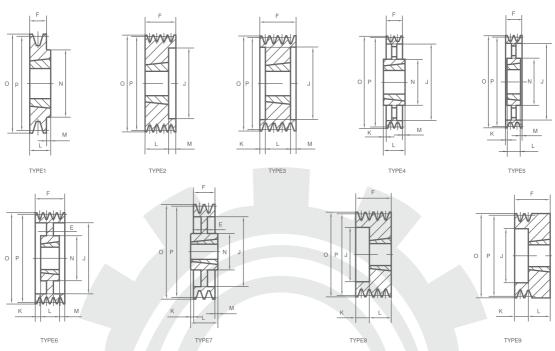


PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	К	L	M	N
SPA 63-02	2	63.0	68.5	8	1008	28		35	36	13	22		
SPA 67-02	2	67.0	72.5	8	1108	28	_	35	37	13	22	l —	_
SPA 71-02	2	71.0	76.5	8	1108	28	_	35	40	13	22	l —	_
SPA 75-02	2	75.0	80.5	8	1108	28	_	35	44	13	22	l —	
SPA 80-02	2	80.0	85.5	8	1210	32	_	35	47	10	25	—	—
SPA 85-02	2	85.0	90.5	8	1210	32	_	35	50	10	25	_	
SPA 90-02	2	90.0	95.5	8	1610	42		35	60	10	25	—	—
SPA 95-02	2	95.0	100.5	8	1610	42		35	64	10	25	—	_
SPA100-02	2	100.0	105.5	8	1610	42	_	35	70	10	25	—	—
SPA106-02	2	106.0	111.5	8	1610	42	_	35	76	10	25	_	_
SPA112-02	2	112.0	117.5	8	1610	42	_	35	80	10	25	_	_
SPA118-02	2	118.0	123.5	8	1610	42		35	86	10	25	—	_
SPA125-02	2	125.0	130.5	8	1610	42	—	35	90	10	25	—	—
SPA132-02	2	132.0	137.5	8	2012	50	_	35	98	3	32	—	_
SPA140-02	2	140.0	145.5	8	2012	50	_	35	106	3	32	_	_
SPA150-02	2	150.0	155.5	8	2012	50	_	35	116	3	32	—	_
SPA160-02	2	160.0	165.5	8	2012	50	15	35	125	3	32	—	—
SPA170-02	2	170.0	175.5	8	2012	50	15	35	135	3	32	—	_
SPA180-02	2	180.0	185.5	6	2012	50	15	35	148	1.5	32	1.5	100
SPA190-02	2	190.0	195.5	6	2012	50	15	35	158	1.5	32	1.5	100
SPA200-02	2	200.0	205.5	7	2517	60	15	35	165	5	45	5	120
SPA224-02	2	224.0	229.5	7	2517	60	15	35	189	—	45	10	120
SPA250-02	2	250.0	255.5	7	2517	60	20	35	215	5	45	5	120
SPA280-02	2	280.0	285.5	7	2517	60	20	35	245	_	45	10	120
SPA315-02	2	315.0	320.5	4	2517	60		35	280		45	10	120
SPA355-02	2	355.0	360.5	4	2517	60	_	35	320	—	45	10	120
SPA400-02	2	400.0	405.5	4	2517	60	—	35	365	—	45	10	120
SPA500-02	2	500.0	505.5	4	2517	60	_	35	465	_	45	10	120
SPA560-02	2	560.0	565.5	4	3020	75	—	35	525	—	51	16	150
SPA630-02	2	630.0	635.5	4	3020	75	l —	35	595	—	51	16	150







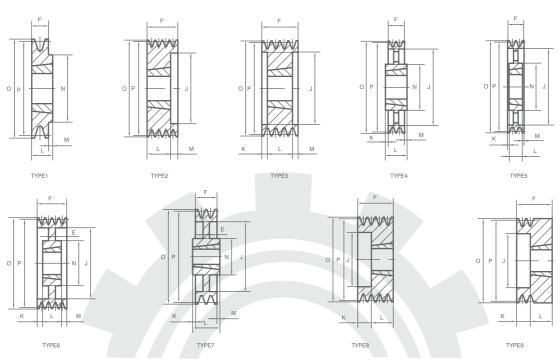


PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	K	L	M	N
SPA 71-03	3	71.0	76.5	8	1108	28		50	40	28	22	_	I —
SPA 75-03	3	75.0	80.5	8	1108	32		50	44	28	22	l —	
SPA 80-03	3	80.0	85.5	8	1210	32	_	50	47	25	25	l —	_
SPA 85-03	3	85.0	90.5	8	1210	32	_	50	50	25	25	l —	
SPA 90-03	3	90.0	95.5	8	1610	42	_	50	60	25	25	l —	_
SPA 95-03	3	95.0	100.5	8	1610	42		50	64	25	25	I —	
SPA100-03	3	100.0	105.5	2	1610	42		50	70	_	25	25	
SPA106-03	3	106.0	111.5	2	1610	42	_	50	76	_	25	25	_
SPA112-03	3	112.0	117.5	8	2012	50		50	83	18	32	l —	
SPA118-03	3	118.0	123.5	2	2012	50	_	50	86	_	32	18	_
SPA125-03	3	125.0	128.5	2	2012	50		50	92	_	32	18	
SPA132-03	3	132.0	137.5	2	2012	50	_	50	98	_	32	18	_
SPA140-03	3	140.0	145.5	8	2517	60	_	50	106	5	45	l —	_
SPA150-03	3	150.0	155.5	8	2517	60	_	50	116	5	45	l —	_
SPA160-03	3	160.0	165.5	8	2517	60	_	50	126	5	45	—	—
SPA170-03	3	170.0	175.5	8	2517	60	_	50	138	5	45	_	l —
SPA180-03	3	180.0	185.5	8	2517	60	_	50	146	5	45	—	—
SPA190-03	3	190.0	195.5	8	2517	60	_	50	158	5	45	l —	_
SPA200-03	3	200.0	205.5	6	2517	60	20	50	165	2.5	45	2.5	120
SPA224-03	3	224.0	229.5	6	2517	60	20	50	189	2.5	45	2.5	120
SPA250-03	3	250.0	255.5	6	2517	60	20	50	215	2.5	45	2.5	120
SPA280-03	3	280.0	285.5	6	2517	60	20	50	245	2.5	45	2.5	120
SPA315-03	3	315.0	320.5	7	3020	75	25	50	280	0.5	51	0.5	150
SPA355-03	3	355.0	360.5	4	3020	75	_	50	320	0.5	51	05	160
SPA400-03	3	400.0	405.5	4	3020	75	_	50	365	0.5	51	0.5	150
SPA450-03	3	450.0	455.5	4	3020	75	_	50	415	0.5	51	0.5	150
SPA500-03	3	500.0	505.5	4	3020	75	_	50	465	0.5	51	0.5	150
SPA560-03	3	560.0	565.5	4	3020	75	_	50	525	0.5	51	0.5	150
SPA630-03	3	630.0	635.5	4	3020	75	_	50	595	0.5	51	0.5	150
SPA800-03	3	800.0	805.5	4	3535	90		50	765	19.5	89	19.5	170
SPA1000-03	3	1000.0	1005.5	4	3535	90		50	965	195	89	19.5	178







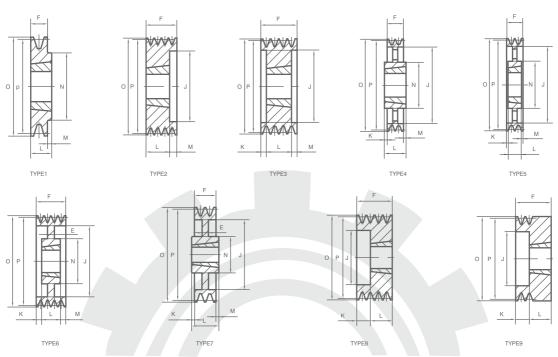


PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	K	L	M	N
SPA 90-04	4	90.0	95.5	3	1615	42		65	64	13.5	38	13.5	
SPA 95-04	4	95.0	100.5	3	1615	42	_	65	64	13.5	38	13.5	—
SPA100-04	4	100.0	105.5	2	1615	42	_	65	70	-	38	27	
SPA106-04	4	106.0	111.5	8	2012	50	_	65	76	33	32	_	
SPA112-04	4	112.0	117.5	8	2012	50	_	65	80	33	32		_
SPA118-04	4	118.0	123.5	2	2012	50		65	86	_	32	33	
SPA125-04	4	125.0	130.5	2	2012	50		65	92	_	32	33	—
SPA132-04	4	132.0	137.5	2	2517	60	_	65	98	_	45	20	—
SPA140-04	4	140.0	145.5	2	2517	60	_	65	106	_	45	20	—
SPA150-04	4	150.0	155.5	2	2517	60	_	65	116	_	45	20	
SPA160-04	4	160.0	165.5	2	2517	60		65	126	_	45	20	_
SPA170-04	4	170.0	175.5	2	2517	60	_	65	138	_	45	20	—
SPA180-04	4	180.0	185.5	2	2517	60	_	65	146	_	45	20	—
SPA190-04	4	190.0	195.5	2	2517	60	_	65	158	_	45	20	—
SPA200-04	4	200.0	205.5	2	3020	75		65	165		51	14	
SPA224-04	4	224.0	229.5	2	3020	75	_	65	189	_	51	14	—
SPA250-04	4	250.0	255.5	6	3020	75	10	65	215	7	51	7	150
SPA280-04	4	280.0	285.5	6	3020	75	10	65	245	7	51	7	150
SPA315-04	4	315.0	320.5	6	3020	75	10	65	280	7	51	7	150
SPA355-04	4	355.0	360.5	5	3020	75	_	65	320	7	51	7	150
SPA400-04	4	400.0	405.5	5	3020	75	_	65	365	7	51	7	150
SPA450-04	4	450.0	455.5	5	3020	75	_	65	415	7	51	7	150
SPA500-04	4	500.0	505.5	5	3020	75	_	65	465	7	51	7	150
SPA560-04	4	560.0	565.5	4	3535	90	_	65	525	12	89	12	170
SPA630-04	4	630.0	635.5	4	3535	90		65	595	12	89	12	170
SPA800-04	4	800.0	805.5	4	3535	90	_	65	765	12	89	12	170
SPA1000-04	4	1000.0	1005.5	4	4040	100		65	965	18.5	102	18.5	216







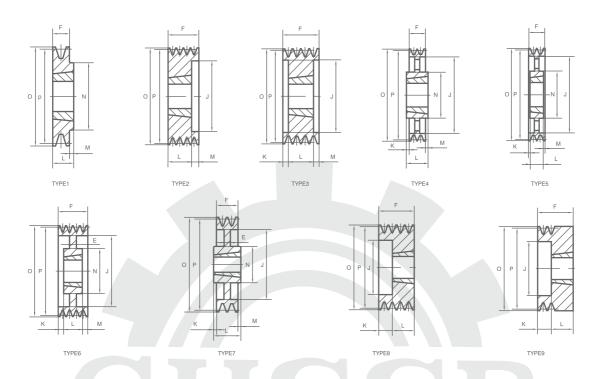


PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	К	L	M	N
SPA100-05	5	100.0	105.5	2	1615	42		80	70		38	42	
SPA106-05	5	106.0	111.5	8	2012	50		80	76	48	32	_	
SPA112-05	5	112.0	117.5	8	2012	50	_	80	80	48	32	_	
SPA118-05	5	118.0	123.5	2	2012	50	_	80	86	_	32	48	
SPA125-05	5	125.0	130.5	3	2012	50	_	80	92	24	32	24	
SPA132-05	5	132.0	137.5	3	2517	60	_	80	98	17.5	45	17.5	
SPA140-05	5	140.0	145.5	3	2517	60	_	80	106	17.5	45	17.5	_
SPA150-05	5	150.0	155.5	3	2517	60	_	80	116	17.5	45	17.5	—
SPA160-05	5	160.0	165.5	3	2517	60	_	80	126	17.5	45	17.5	—
SPA180-05	5	180.0	185.5	3	3020	75	_	80	146	14.5	51	14.5	_
SPA200-05	5	200.0	205.5	3	3020	75		80	165	14.5	51	14.5	_
SPA224-05	5	224.0	229.5	2	3020	75	_	80	189	—	51	29	—
SPA250-05	5	250.0	255.5	6	3020	75	10	80	215	14.5	51	14.5	150
SPA280-05	5	280.0	285.5	7	3535	90	10	80	245	4.5	89	4.5	170
SPA315-05	5	315.0	320.5	7	3535	90	12	80	280	4.5	89	4.5	170
SPA355-05	5	355.0	360.5	4	3535	90	_	80	320	4.5	89	4.5	170
SPA400-05	5	400.0	405.5	4	3535	90	_	80	365	4.5	89	4.5	170
SPA450-05	5	450.0	455.5	4	3535	90	_	80	415	4.5	89	4.5	170
SPA500-05	5	500.0	505.5	4	3535	90	_	80	465	4.5	89	4.5	170
SPA560-05	5	560.0	565.5	4	3535	90		80	525	4.5	89	4.5	170
SPA630-05	5	630.0	635.5	4	3535	90	_	80	595	4.5	89	4.5	170
SPA800-05	5	800.0	805.5	4	4040	100	_	80	765	11	102	11	216
SPA1000-05	5	1000.0	1005.5	4	4545	110	_	80	965	17	114	17	225









PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	К	L	М	Z
SPA100-06	6	100.0	105.5	3	1615	42		95	70	28.5	38	28.5	
SPA106-06	6	106.0	111.5	8	2012	50	_	95	76	63	32		_
SPA112-06	6	112.0	117.5	8	2012	50	_	95	80	63	32		_
SPA118-06	6	118.0	123.5	8	2012	50		95	86	63	32	l —	_
SPA125-06	6	125.0	130.5	3	2012	50	_	95	92	31.5	32	31.5	_
SPA132-06	6	132.0	137.5	3	2517	60	_	95	98	25	45	25	
SPA140-06	6	140.0	145.5	3	2517	60		95	106	25	45	25	—
SPA150-06	6	150.0	155.5	3	2517	60		95	116	25	45	25	—
SPA160-06	6	160.0	165.5	3	2517	60	_	95	126	25	45	25	—
SPA180-06	6	180.0	185.5	3	3020	75	_	95	146	22	51	22	—
SPA200-06	6	200.0	205.5	3	3020	75	_	95	165	22	51	22	
SPA224-06	6	224.0	229.5	3	3020	75	l —	95	189	22	51	22	—
SPA250-06	6	250.0	255.5	6	3020	75	20	95	215	22	51	22	150
SPA280-06	6	280.0	285.5	6	3535	90	25	95	245	3	89	3	170
SPA315-06	6	315.0	320.5	6	3535	90	25	95	280	3	89	3	170
SPA355-06	6	355.0	360.5	5	3535	90	_	95	320	3	89	3	170
SPA400-06	6	400.0	405.5	5	3535	90	l —	95	365	3	89	3	170
SPA450-06	6	450.0	455.5	5	3535	90	—	95	415	3	89	3	170
SPA500-06	6	500.0	505.5	5	3535	90	—	95	465	3	89	3	170
SPA560-06	6	560.0	565.5	5	3535	90		95	525	3	89	3	170
SPA630-06	6	630.0	635.5	4	4040	100	_	95	595	3.5	102	3.5	216
SPA800-06	6	800.0	805.5	4	4040	100	—	95	765	3.5	102	3.5	216
SPA1000-06	6	1000.0	1005.5	4	4545	110		95	965	9.5	114	9.5	225



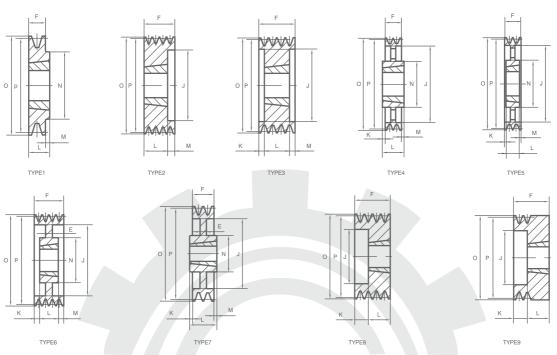
POWER TRANSMISSION





## Taper Bore V-pulleys

## SPB-1



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	К	L	M	N
SPB100-01	1	100.0	107.0	1	1610	42	_	25	_	_	25	_	
SPB112-01	1	112.0	119.0	1	1610	42	_	25	_	l —	25	_	
SPB118-01	1	118.0	125.0	1	1610	42	_	25		—	25	_	
SPB125-01	1	125.0	132.0	1	1610	42	_	25	_	—	25	_	
SPB132-01	1	132.0	139.0	1	1610	42	_	25	_		25	_	_
SPB140-01	1	140.0	147.0	1	1610	42		25	_	_	25	l —	_
SPB150-01	1	150.0	157.0	1	1610	42		25	—	—	25	—	—
SPB160-01	1	160.0	167.0	1	1610	42	_	25	_	—	25	_	
SPB170-01	1	170.0	177.0	1	1610	42	_	25	—	—	25	—	—
SPB180-01	1	180.0	187.0	6	1610	42	10	25	137	—	25	—	80
SPB190-01	1	190.0	197.0	7	2012	50	10	25	147	3.5	32	3.5	100
SPB200-01	1	200.0	207.0	7	2012	50	10	25	157	3.5	32	3.5	100
SPB212-01	1	212.0	219.0	7	2012	50	10	25	169	3.5	32	3.5	100
SPB224-01	1	224.0	231.0	7	2012	50	10	25	181	3.5	32	3.5	100
SPB236-01	1	236.0	243.0	7	2012	50	10	25	193	3.5	32	3.5	100
SPB250-01	1	250.0	257.0	7	2012	50	10	25	207	3.5	32	3.5	100
SPB280-01	1	280.0	287.0	7	2012	50	10	25	237	3.5	32	3.5	100
SPB315-01	1	315.0	322.0	7	2012	50	10	25	272	3.5	32	3.5	100

#### Standard bore dimensions of BTL bushings

									_													
Dunhing											Sto	ock	Bor	es								
Bushing	11	12	14	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	60
1210	•	•	•	•	•	•	•	•	•	•	•	•	•									
1610			•	•	•	•	•	•	•	•	•	•	•	•	•	•	Δ					
2012					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
2517							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

△ shallow keyway

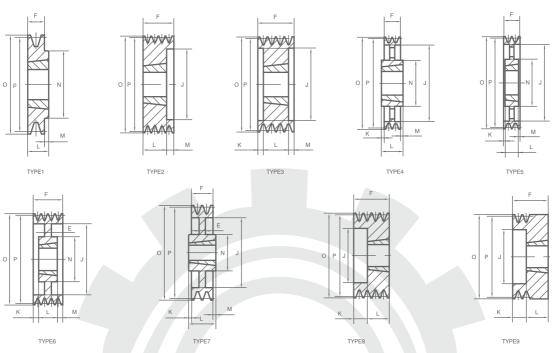








## SPB-2



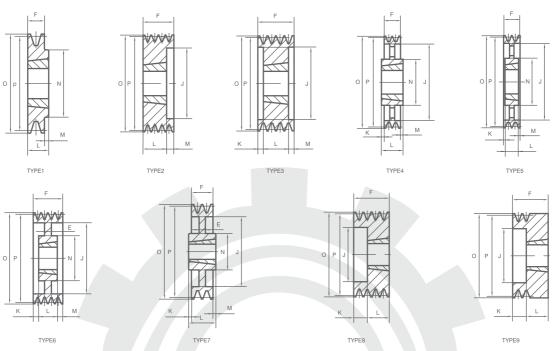
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	K	L	M	N
SPB100-02	2	100.0	107.0	8	1610	42		44	62		25	19	
SPB112-02	2	112.0	119.0	2	1610	42	_	44	72	_	25	19	_
SPB118-02	2	118.0	127.0	2	1610	42	_	44	78	<u> </u>	25	19	—
SPB125-02	2	125.0	132.0	2	2012	50	_	44	82	_	32	12	—
SPB132-02	2	132.0	139.0	2	2012	50	_	44	89	_	32	12	_
SPB140-02	2	140.0	147.0	2	2012	50	_	44	97	_	32	12	
SPB150-02	2	150.0	157.0	2	2012	50	_	44	107	_	32	12	—
SPB160-02	2	160.0	167.0	2	2012	50	_	44	117	_	32	12	—
SPB170-02	2	170.0	177.0	2	2012	50	_	44	127	_	32	12	—
SPB180-02	2	180.0	187.0	1	2517	60	_	44	_	_	45	1	120
SPB190-02	2	190.0	197.0	1	2517	60		44	_	_	45	1	120
SPB200-02	2	200.0	207.0	1	2517	60	_	44	—	_	45	1	120
SPB212-02	2	212.0	219.0	7	2517	60	10	44	169	_	45	1	120
SPB224-02	2	224.0	231.0	7	2517	60	10	44	181	1	45	_	120
SPB236-02	2	236.0	243.0	7	2517	60	10	44	193	1	45	_	120
SPB250-02	2	250.0	257.0	7	2517	60	10	44	207	1	45	—	120
SPB280-02	2	280.0	287.0	7	2517	60	12	44	237	1	45	—	120
SPB300-02	2	300.0	307.0	7	2517	60	12	44	257	1	45	—	120
SPB315-02	2	315.0	322.0	7	2517	60	12	44	272	1	45	_	120
SPB335-02	2	335.0	342	7	2517	60	12	44	292	1	45		120
SPB355-02	2	355.0	362.0	4	3020	75		44	312	3.5	51	3.5	150
SPB400-02	2	400.0	407.0	4	3020	75		44	357	3.5	51	3.5	150
SPB450-02	2	450.0	457.0	4	3020	75		44	407	3.5	51	3.5	150
SPB500-02	2	500.0	507.0	4	3020	75		44	457	3.5	51	3.5	150
SPB560-02	2	560.0	567.0	4	3030	75		44	517	4	76	28	150
SPB630-02	2	630.0	637.0	4	3030	75		44	587	4	76	28	150











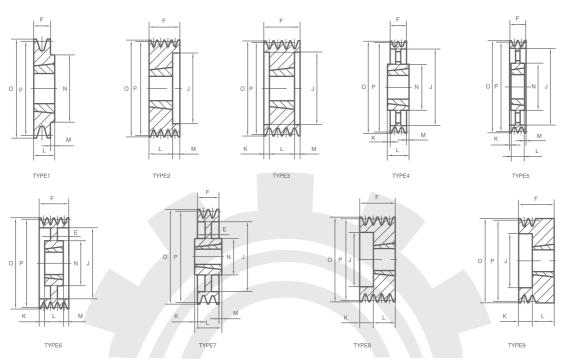
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	K	L	M	N
SPB100-03	3	100.0	107.0	8	1610	42		63	57		25	38	
SPB112-03	3	112.0	119.0	2	1610	42		63	72		25	38	—
SPB118-03	3	118.0	125.0	2	1610	42	_	63	78	_	25	38	_
SPB125-03	3	125.0	132.0	2	2012	50	_	63	82	_	32	31	_
SPB132-03	3	132.0	139.0	2	2012	50	<u> </u>	63	89	_	32	31	_
SPB140-03	3	140.0	147.0	2	2012	50		63	97	_	32	31	
SPB150-03	3	150.0	157.0	2	2517	60	—	63	107	_	45	18	—
SPB160-03	3	160.0	167.0	2	2517	60		63	117	l —	45	18	—
SPB170-03	3	170.0	177.0	2	2517	60		63	127	_	45	18	—
SPB180-03	3	180.0	187.0	2	2517	60		63	137	_	45	18	
SPB190-03	3	190.0	197.0	2	2517	60	_	63	147	_	45	18	_
SPB200-03	3	200.0	207.0	2	2517	60	_	63	157	_	45	18	—
SPB212-03	3	212.0	219.0	6	2517	60	12	63	169	_	45	18	120
SPB224-03	3	224.0	231.0	6	2517	60	12	63	181	_	45	18	120
SPB236-03	3	236.0	243.0	6	2517	60	10	63	193		45	18	120
SPB250-03	3	250.0	257.0	6	3020	75	12	63	207	_	51	12	150
SPB280-03	3	280.0	287.0	6	3020	75	13	63	237	6	51	6	150
SPB300-03	3	300.0	307.0	6	3020	75	13	63	257	6	51	6	150
SPB315-03	3	315.0	322.0	6	3020	75	13	63	272	6	51	6	150
SPB335-03	3	335.0	342.0	6	3020	75	13	63	292	6	51	6	150
SPB355-03	3	355.0	362.0	5	3020	75	_	63	312	6	51	6	150
SPB400-03	3	400.0	407.0	4	3535	90	_	63	357	13	89	13	170
SPB450-03	3	450.0	457.0	4	3535	90	_	63	407	—	89	26	170
SPB500-03	3	500.0	507.0	4	3535	90	_	63	457	_	89	26	170
SPB560-03	3	560.0	567.0	4	3535	90		63	517		89	26	170
SPB630-03	3	630.0	637.0	4	3535	90	_	63	587	_	89	26	170
SPB710-03	3	710.0	717.0	4	3535	90	—	63	664	4	89	22	170
SPB800-03	3	800.0	807.0	4	3535	90	_	63	754	4	89	22	170
SPB900-03	3	900.0	907.0	4	3535	90	_	63	854	4	89	22	170
SPB1000-03	3	1000.0	1007.0	4	4040	100		63	954	6	102	33	200
SPB1250-03	3	1250.0	1257.0	4	4040	100	_	63	1204	6	102	33	200











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PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	К	L	М	N
SPB125-04	4	125.0	132.0	3	2012	50		82	82	25	32	25	
SPB132-04	4	132.0	139.0	3	2012	50		82	89	25	32	25	_
SPB140-04	4	140.0	147.0	3	2517	60		82	97	18.5	45	18.5	_
SPB150-04	4	150.0	157.0	3	2517	60	_	82	107	18.5	45	18.5	
SPB160-04	4	160.0	167.0	3	2517	60	_	82	117	18.5	45	18.5	
SPB170-04	4	170.0	177.0	3	2517	60		82	127	18.5	45	18.5	
SPB180-04	4	180.0	187.0	3	2517	60	_	82	137	18.5	45	18.5	—
SPB190-04	4	190.0	197.0	3	2517	60	_	82	147	18.5	45	18.5	—
SPB200-04	4	200.0	207.0	3	3020	75	_	82	157	15.5	51	15.5	—
SPB212-04	4	212.0	219.0	3	3020	75	_	82	169	15.5	51	15.5	
SPB224-04	4	224.0	231.0	3	3020	75		82	181	15.5	51	15.5	
SPB236-04	4	236.0	243.0	3	3020	75		82	193	15.5	51	15.5	—
SPB250-04	4	250.0	257.0	6	3020	75	14	82	207	15.5	51	15.5	150
SPB280-04	4	280.0	287.0	6	3020	75	16	82	237	15.5	51	15.5	150
SPB300-04	4	300.0	307.0	6	3020	75	16	82	257	15.5	51	15.5	150
SPB315-04	4	315.0	322.0	7	3535	90	16	82	272	3.5	89	3.5	170
SPB335-04	4	335.0	342.0	7	3535	90	16	82	292	3.5	89	3.5	170
SPB355-04	4	355.0	362.0	7	3535	90	16	82	312	3.5	89	3.5	170
SPB400-04	4	400.0	407.0	4	3535	90		82	357	3.5	89	3.5	170
SPB450-04	4	450.0	457.0	4	3535	90		82	407		89	7	170
SPB500-04	4	500.0	507.0	4	3535	90	_	82	457	_	89	7	170
SPB560-04	4	560.0	567.0	4	3535	90		82	517	_	89	7	170
SPB630-04	4	630.0	637.0	4	3535	90	_	82	587	_	89	7	170
SPB710-04	4	710.0	717.0	4	3535	90	_	82	664	3.5	89	3.5	187
SPB800-04	4	0.008	807.0	4	4040	100		82	754	4	102	16	200
SPB900-04	4	900.0	907.0	4	4040	100	_	82	854	4	102	16	216
SPB1000-04	4	1000.0	1007.0	4	4040	100		82	954	4	102	16	216
SPB1250-04	4	1250.0	1257.0	4	4545	110	_	82	1204	6	114	26	225

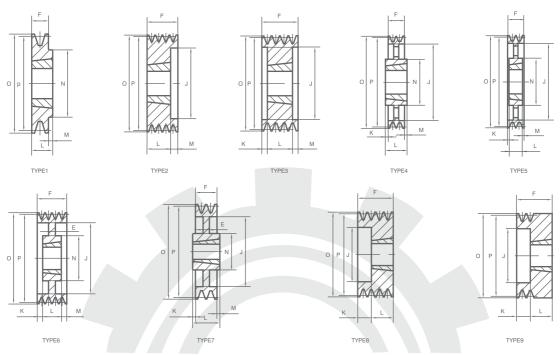












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PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	К	L	M	N
SPB125-05	5	125.0	132.0	8	2012	50		101	82	69	32	_	
SPB132-05	5	132.0	139.0	8	2517	60		101	89	56	45	_	_
SPB140-05	5	140.0	147.0	3	2517	60		101	97	28	45	28	_
SPB150-05	5	150.0	157.0	3	2517	60	_	101	107	28	45	28	_
SPB160-05	5	160.0	167.0	3	2517	60	_	101	117	28	45	28	_
SPB170-05	5	170.0	177.0	3	3020	75	_	101	127	25	51	25	
SPB180-05	5	180.0	187.0	3	3020	75	_	101	137	25	51	25	_
SPB190-05	5	190.0	197.0	3	3020	75	_	101	147	25	51	25	_
SPB200-05	5	200.0	207.0	3	3020	75	_	101	157	25	51	25	—
SPB212-05	5	212.0	219.0	3	3020	75	_	101	169	25	51	25	_
SPB224-05	5	224.0	231.0	3	3020	75	_	101	181	25	51	25	
SPB236-05	5	236.0	243.0	3	3535	90	_	101	193	6	89	6	—
SPB250-05	5	250.0	257.0	3	3535	90		101	207	6	89	6	_
SPB280-05	5	280.0	287.0	6	3535	90	18	101	237	6	89	6	170
SPB300-05	5	300.0	307.0	6	3535	90	18	101	257	6	89	6	170
SPB315-05	5	315.0	322.0	6	3535	90	18	101	272	6	89	6	170
SPB335-05	5	335.0	342.0	6	3535	90	16	101	292	6	89	6	170
SPB355-05	5	355.0	362.0	5	3535	90	_	101	312	6	89	6	170
SPB400-05	5	400.0	407.0	5	3535	90	_	101	357	6	89	6	170
SPB450-05	5	450.0	457.0	5	3535	90		101	407		89	12	170
SPB500-05	5	500.0	507.0	5	3535	90	_	101	457	_	89	12	170
SPB560-05	5	560.0	567.0	4	4040	100	_	101	517	_	102	1	200
SPB630-05	5	630.0	637.0	4	4040	100	_	101	587	_	102	1	200
SPB710-05	5	710.0	717.0	4	4040	100		101	664	0.5	102	0.5	200
SPB800-05	5	0.008	807.0	4	4040	100		101	754	0.5	102	0.5	200
SPB900-05	5	900.0	907.0	4	4545	110		101	854	6.5	114	6.5	225
SPB1000-05	5	1000.0	1007.0	4	4545	110	_	101	954	6.5	114	6.5	225
SPB1250-05	5	1250.0	1257.0	4	4545	110	_	101	1204	6.5	114	6.5	225

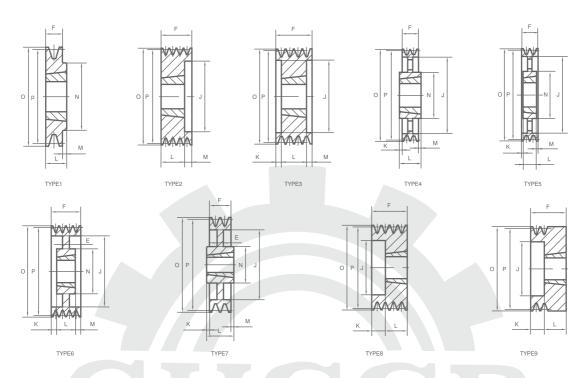








#### SPB-6



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	К	L	M	N
SPB140-06	6	140.0	147.0	3	2517	60	_	120	97	37.5	45	37.5	
SPB150-06	6	150.0	157.0	3	2517	60	_	120	107	37.5	45	37.5	_
SPB160-06	6	160.0	167.0	3	3020	75	_	120	117	34.5	51	34.5	—
SPB170-06	6	170.0	177.0	3	3020	75	_	120	127	34.5	51	34.5	—
SPB180-06	6	180.0	187.0	3	3020	75	_	120	137	34.5	51	34.5	_
SPB190-06	6	190.0	197.0	3	3020	75		120	147	34.5	51	34.5	
SPB200-06	6	200.0	207.0	3	3020	75	_	120	157	34.5	51	34.5	—
SPB212-06	6	212.0	219.0	3	3535	90	_	120	169	15.5	89	15.5	—
SPB224-06	6	224.0	231.0	3	3535	90	_	120	181	15.5	89	15.5	—
SPB236-06	6	236.0	243.0	3	3535	90		120	193	15.5	89	15.5	—
SPB250-06	6	250.0	257.0	3	3535	90	_	120	207	15.5	89	15.5	
SPB280-06	6	280.0	287.0	6	3535	90	18	120	237	15.5	89	15.5	170
SPB300-06	6	300.0	307.0	6	3535	90	18	120	257	15.5	89	15.5	170
SPB315-06	6	315.0	322.0	6	3535	90	18	120	272	15.5	89	15.5	170
SPB335-06	6	335.0	342.0	6	3535	90	18	120	292	15.5	89	15.5	170
SPB355-06	6	355.0	362.0	6	3535	90	18	120	312	15.5	89	15.5	170
SPB400-06	6	400.0	407.0	5	3535	90	_	120	357	15.5	89	15.5	170
SPB450-06	6	450.0	457.0	5	4040	100	_	120	407	_	102	18	200
SPB500-06	6	500.0	507.0	5	4040	100	_	120	457	_	102	18	200
SPB560-06	6	560.0	567.0	5	4040	100	_	120	517	_	102	18	200
SPB630-06	6	630.0	637.0	5	4040	100	_	120	587	_	102	18	200
SPB710-06	6	710.0	717.0	5	4040	100	_	120	664	9	102	9	216
SPB800-06	6	800.0	807.0	5	4545	110	_	120	754	3	114	3	225
SPB900-06	6	900.0	907.0	5	4545	110	_	120	854	3	114	3	225
SPB1000-06	6	1000.0	1007.0	5	4545	110		120	954	3	114	3	225
SPB1250-06	6	1250.0	1257.0	4	5050	125	_	120	1204	3.5	127	3.5	245



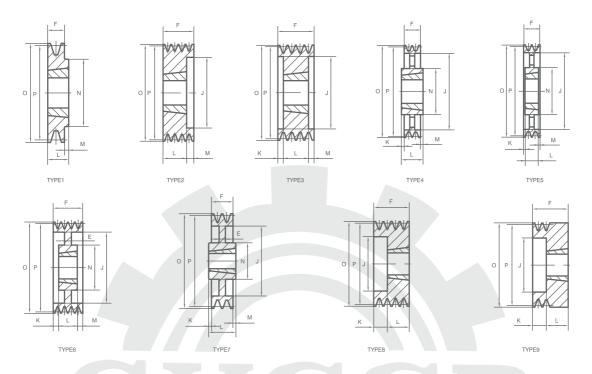






## V-pulleys

## SPB-8



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	К	L	M	N
SPB160-08	8	160.0	167.0	3	3020	75	_	158	117	53.5	51	53.5	
SPB170-08	8	170.0	177.0	3	3030	75	_	158	127	41	76	41	—
SPB180-08	8	180.0	187.0	3	3030	75		158	137	41	76	41	_
SPB190-08	8	190.0	197.0	3	3030	75	_	158	147	41	76	41	—
SPB200-08	8	200.0	207.0	3	3535	90		158	157	34.5	89	34.5	_
SPB212-08	8	212.0	219.0	3	3535	90	_	158	169	34.5	89	34.5	
SPB224-08	8	224.0	231.0	3	3535	90	_	158	181	34.5	89	34.5	—
SPB236-08	8	236.0	243.0	3	3535	90	_	158	193	34.5	89	34.5	—
SPB250-08	8	250.0	257.0	3	3535	90		158	207	34.5	89	34.5	—
SPB280-08	8	280.0	287.0	3	3535	90	_	158	237	34.5	89	34.5	_
SPB300-08	8	300.0	307.0	6	3535	90	20	158	257	34.5	89	34.5	170
SPB315-08	8	315.0	322.0	6	3535	90	18	158	272	34.5	89	34.5	170
SPB335-08	8	335.0	342.0	6	3535	90	18	158	292	34.5	89	34.5	170
SPB355-08	8	355.0	362.0	6	3535	90	18	158	312	34.5	89	34.5	170
SPB400-08	8	400.0	407.0	5	4040	100		158	357	28	102	28	200
SPB450-08	8	450.0	457.0	5	4040	100		158	407	28	102	28	200
SPB500-08	8	500.0	507.0	5	4040	100		158	457	28	102	28	200
SPB560-08	8	560.0	567.0	5	4545	110		158	517	22	114	22	225
SPB630-08	8	630.0	637.0	5	4545	110	_	158	587	22	114	22	225
SPB710-08	8	710.0	717.0	5	4545	110		158	664	22	114	22	225
SPB800-08	8	0.008	807.0	5	4545	110		158	754	22	114	22	225
SPB900-08	8	900.0	907.0	5	4545	110		158	854	22	114	22	225
SPB1000-08	8	1000.0	1007.0	5	5050	125		158	954	15.5	127	15.5	245
SPB1250-08	8	1250.0	1257.0	5	5050	125	_	158	1204	15.5	127	15.5	245

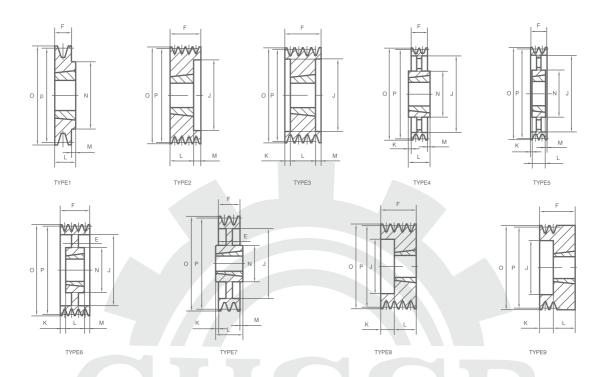








## **SPB-10**



							_						
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	К	L	M	N
SPB224-10	10	224.0	231.0	3	3535	90		196	181	53.5	89	53.5	
SPB236-10	10	236.0	243.0	3	3535	90	_	196	193	53.5	89	53.5	_
SPB250-10	10	250.0	257.0	3	3535	90	_	196	207	53.5	89	53.5	
SPB280-10	10	280.0	287.0	3	3535	90	_	196	237	53.5	89	53.5	_
SPB315-10	10	315.0	322.0	6	3535	90	18	196	272	53.5	89	53.5	170
SPB335-10	10	335.0	342.0	6	4040	100	20	196	292	47	102	47	200
SPB355-10	10	355.0	362.0	6	4040	100	20	196	312	47	102	47	200
SPB400-10	10	400.0	407.0	5	4040	100	_	196	357	47	102	47	200
SPB450-10	10	450.0	457.0	5	4545	110		196	407	41	114	41	225
SPB500-10	10	500.0	507.0	5	4545	110	_	196	457	41	114	41	225
SPB560-10	10	560.0	567.0	5	4545	110	_	196	517	41	114	41	225
SPB630-10	10	630.0	637.0	5	4545	110	_	196	587	41	114	41	225
SPB710-10	10	710.0	717.0	5	4545	110	_	196	664	41	114	41	225
SPB800-10	10	800.0	807.0	5	4545	110	_	196	754	41	114	41	225
SPB900-10	10	900.0	907.0	5	5050	125	_	196	854	34.5	127	34.5	245
SPB1000-10	10	1000.0	1007.0	5	5050	125	_	196	954	34.5	127	34.5	245

#### Standard bore dimensions of BTL bushings

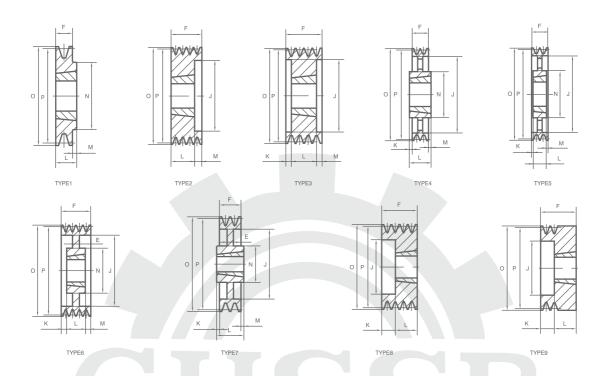
Standard bore difficults of BTE bushings																									
Duching		Stock Bores																							
Bushing	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75	80	85	90	95	100	105	115	120	125
3030	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
3535					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
4040							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
												•	•	•	•	•	•	•	•	•	•	•			
5050													•	•	•	•	•	•	•	•	•	•	•	•	•









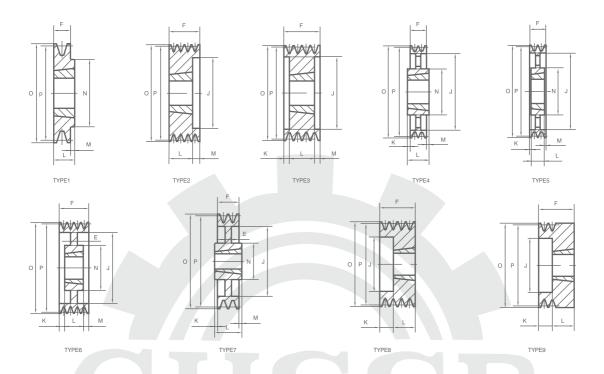


PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	К	L	M	N
SPC200-03	3	200.0	209.6	3	2517	60	/_	85	150	20	45	20	
SPC212-03	3	212.0	221.6	3	3020	75	_	85	162	17	51	17	_
SPC224-03	3	224.0	233.6	3	3020	75		85	173	17	51	17	_
SPC236-03	3	236.0	245.6	3	3020	75	_	85	185	17	51	17	_
SPC250-03	3	250.0	259.6	3	3020	75	_	85	200	17	51	17	—
SPC265-03	3	265.0	274.6	1	3535	90	_	85	209		89	4	170
SPC280-03	3	280.0	289.6	1	3535	90	_	85	224	_	89	4	170
SPC300-03	3	300.0	309.6	7	3535	90	18	85	249	2	89	2	170
SPC315-03	3	315.0	324.6	7	3535	90	18	85	264	2	89	2	170
SPC335-03	3	335.0	345.0	7	3535	90	18	85	284	2	89	2	170
SPC355-03	3	355.0	365.0	7	3535	90	18	85	304	2	89	2	170
SPC375-03	3	375.0	384.6	7	3535	90	20	85	324	2	89	2	170
SPC400-03	3	400.0	409.6	4	3535	90	_	85	344	2	89	2	170
SPC425-03	3	425.0	434.6	4	3535	90	_	85	369	2	89	2	170
SPC450-03	3	450.0	459.6	4	3535	90	_	85	394	2	89	2	170
SPC475-03	3	475.0	484.6	4	3535	90	_	85	419	2	89	2	170
SPC500-03	3	500.0	509.6	4	3535	90	_	85	444	2	89	2	170
SPC530-03	3	530.0	539.6	4	3535	90	—	85	474	2	89	2	170
SPC560-03	3	560.0	569.6	4	3535	90	_	85	504	2	89	2	170
SPC630-03	3	630.0	639.6	4	4040	100	_	85	574	8.5	102	8.5	200
SPC800-03	3	800.0	809.6	4	4545	110	_	85	737	4	114	25	225
SPC1000-03	3	1000.0	1009.6	4	5050	125	_	85	937	8	127	34	245
SPC1250-03	3	1250.0	1259.6	4	5050	125	_	85	1187	8	127	34	245









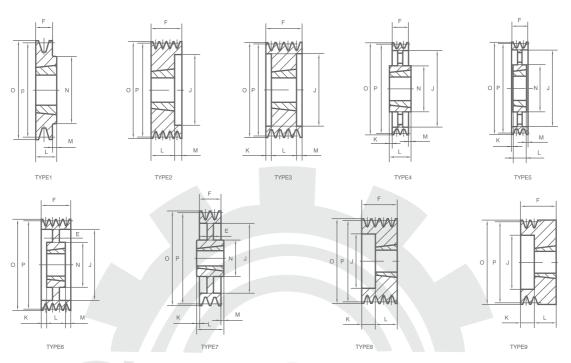
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	Е	F	J	К	L	M	N
SPC200-04	4	200.0	209.6	3	3020	75		111	144	30	51	30	
SPC212-04	4	212.0	221.6	3	3020	75	_	111	156	30	51	30	_
SPC224-04	4	224.0	233.6	3	3535	90	_	111	168	11	89	11	_
SPC236-04	4	236.0	245.6	3	3535	90		111	180	11	89	11	_
SPC250-04	4	250.0	259.6	3	3535	90		111	194	11	89	11	_
SPC265-04	4	265.0	274.6	3	3535	90	_	111	209	11	89	11	
SPC280-04	4	280.0	289.6	3	3535	90	_	111	224	11	89	11	_
SPC300-04	4	300.0	309.6	6	3535	90	20	111	244	11	89	11	170
SPC315-04	4	315.0	324.6	6	3535	90	20	111	259	11	89	11	170
SPC335-04	4	335.0	344.6	6	3535	90	20	111	279	11	89	11	170
SPC355-04	4	355.0	365.0	6	3535	90	20	111	299	11	89	11	170
SPC375-04	4	375.0	384.6	6	3535	90	25	111	319	11	89	11	170
SPC400-04	4	400.0	409.6	5	3535	90	_	111	344	11	89	11	170
SPC425-04	4	425.0	434.6	5	3535	90	_	111	369	11	89	11	170
SPC450-04	4	450.0	459.6	5	3535	90	_	111	394	11	89	11	170
SPC475-04	4	475.0	484.6	5	3535	90	_	111	419	11	89	11	170
SPC500-04	4	500.0	509.6	5	3535	90	_	111	444	11	89	11	170
SPC530-04	4	530.0	539.6	5	3535	90	_	111	474	11	89	11	170
SPC560-04	4	560.0	569.6	5	4040	100	_	111	504	4.5	102	4.5	200
SPC630-04	4	630.0	639.6	4	4545	110		111	574	1.5	114	1.5	225
SPC800-04	4	800.0	809.6	4	5050	125	_	111	737	4	127	12	245
SPC1000-04	4	1000.0	1009.6	4	5050	125	—	111	937	1	127	12	245
SPC1250-04	4	1250.0	1259.6	4	5050	125	_	111	1187	4	127	12	245











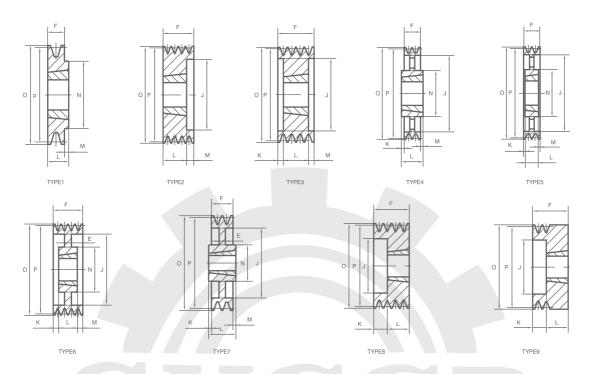
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	K	L	М	N
SPC200-05	5	200.0	209.6	3	3535	90		136	150	23.5	89	23.5	
SPC212-05	5	212.0	221.6	3	3535	90		136	160	23.5	89	23.5	_
SPC224-05	5	224.0	233.6	3	3535	90	_	136	173	23.5	89	23.5	_
SPC236-05	5	236.0	245.6	3	3535	90	_	136	185	23.5	89	23.5	—
SPC250-05	5	250.0	259.6	3	3535	90	_	136	198	23.5	89	23.5	
SPC265-05	5	265.0	274.6	3	3535	90	_	136	213	23.5	89	23.5	_
SPC280-05	5	280.0	289.6	3	3535	90	_	136	228	23.5	89	23.5	—
SPC300-05	5	300.0	309.6	6	3535	90	20	136	247	23.5	89	23.5	170
SPC315-05	5	315.0	324.6	6	3535	90	20	136	264	23.5	89	23.5	170
SPC335-05	5	335.0	344.6	6	3535	90	20	136	280	23.5	89	23.5	170
SPC355-05	5	355.0	364.6	6	3535	90	20	136	304	23.5	89	23.5	170
SPC375-05	5	375.0	384.6	6	3535	90	20	136	324	23.5	89	23.5	170
SPC400-05	5	400.0	409.6	5	3535	90	_	136	344	23.5	89	23.5	170
SPC425-05	5	425.0	434.6	5	4040	100	_	136	369	17	102	17	200
SPC450-05	5	450.0	459.6	5	4040	100	_	136	394	17	102	17	200
SPC475-05	5	475.0	484.6	5	4040	100	_	136	419	17	102	17	200
SPC500-05	5	500.0	509.6	5	4040	100	_	136	444	17	102	14	200
SPC530-05	5	530.0	539.6	5	4040	100	_	136	474	17	102	17	200
SPC560-05	5	560.0	569.6	5	4545	110		136	504	11	114	11	225
SPC630-05	5	630.0	639.6	5	5050	125		136	574	4.5	127	4.5	245
SPC710-05	5	710.0	719.6	5	5050	125	_	136	654	4.5	127	4.5	245
SPC800-05	5	800.0	809.6	5	5050	125	_	136	737	4.5	127	4.5	245
SPC1000-05	5	1000.0	1009.6	5	5050	125		136	937	4.5	127	4.5	245
SPC1250-05	5	1250.0	1259.6	5	5050	125	_	136	1187	4.5	127	4.5	245











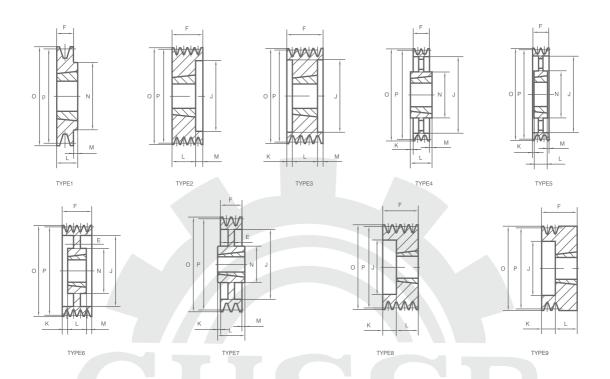
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	К	L	M	N
SPC200-06	6	200.0	209.6	3	3535	90		162	148	36.5	89	36.5	
SPC212-06	6	212.0	221.6	3	3535	90		162	160	36.5	89	36.5	_
SPC224-06	6	224.0	233.6	3	3535	90	_	162	173	36.5	89	36.5	_
SPC236-06	6	236.0	245.6	3	3535	90	_	162	185	36.5	89	36.5	—
SPC250-06	6	250.0	259.6	3	3535	90	_	162	198	36.5	89	36.5	
SPC265-06	6	265.0	274.6	3	3535	90	_	162	213	36.5	89	36.5	_
SPC280-06	6	280.0	289.6	3	3535	90	_	162	228	36.5	89	36.5	—
SPC300-06	6	300.0	309.6	6	3535	90	20	162	247	36.5	89	36.5	170
SPC315-06	6	315.0	324.6	6	3535	90	20	162	264	36.5	89	36.5	170
SPC335-06	6	335.0	344.6	6	3535	90	20	162	280	36.5	89	36.5	170
SPC355-06	6	355.0	364.6	6	3535	90	20	162	304	36.5	89	36.5	170
SPC375-06	6	375.0	384.6	6	4040	100	20	162	324	30	102	30	200
SPC400-06	6	400.0	409.6	6	4040	100	20	162	348	30	102	30	200
SPC425-06	6	425.0	434.6	6	4545	110	30	162	369	24	114	24	225
SPC450-06	6	450.0	459.6	6	4545	110	30	162	394	24	114	24	225
SPC475-06	6	475.0	484.6	6	4545	110	30	162	419	24	114	24	225
SPC500-06	6	500.0	509.6	5	4545	110	30	162	444	24	114	24	225
SPC530-06	6	530.0	539.6	5	4545	110	30	162	474	24	114	24	225
SPC560-06	6	560.0	569.6	5	5050	125	_	162	504	17.5	127	17.5	245
SPC630-06	6	630.0	639.6	5	5050	125		162	574	17.5	127	17.5	245
SPC710-06	6	710.0	719.6	5	5050	125	_	162	656	17.5	127	17.5	245
SPC800-06	6	800.0	809.6	5	5050	125	_	162	737	17.5	127	17.5	245
SPC1000-06	6	1000.0	1009.6	5	5050	125		162	937	17.5	127	17.5	245
SPC1250-06	6	1250.0	1259.6	5	5050	125	_	162	1187	17.5	127	17.5	245











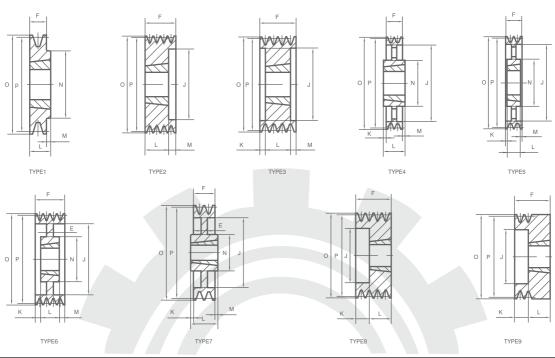
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	E	F	J	K	L	M	N
SPC200-08	8	200.0	209.6	3	3535	90	_	213	148	62	89	62	
SPC212-08	8	212.0	221.6	3	3535	90	_	213	160	62	89	62	_
SPC224-08	8	224.0	233.6	3	3535	90	<i>-</i>	213	170	62	89	62	—
SPC236-08	8	236.0	245.6	3	3535	90	_	213	184	62	89	62	_
SPC250-08	8	250.0	259.6	3	3535	90	_	213	198	62	89	62	—
SPC265-08	8	265.0	274.6	3	3535	90	_	213	213	62	89	62	
SPC280-08	8	280.0	289.6	3	3535	90	_	213	228	62	89	62	—
SPC300-08	8	300.0	309.6	3	4040	100	_	213	247	55.5	102	55.5	—
SPC315-08	8	315.0	324.6	3	4040	100	_	213	258	55.5	102	55.5	—
SPC335-08	8	335.0	344.6	6	4040	100	_	213	280	55.5	102	55.5	_
SPC355-08	8	355.0	364.6	3	4040	100	_	213	304	55.5	102	55.5	
SPC375-08	8	375.0	384.6	3	4545	110	_	213	324	49.5	114	49.5	—
SPC400-08	8	400.0	409.6	6	4545	110	20	213	348	49.5	114	49.5	220
SPC425-08	8	425.0	434.6	6	5050	125	30	213	369	43	127	43	245
SPC450-08	8	450.0	459.6	6	5050	125	30	213	394	43	127	43	245
SPC475-08	8	475.0	484.6	6	5050	125	30	213	419	43	127	43	245
SPC500-08	8	500.0	509.6	6	5050	125	30	213	444	43	127	43	245
SPC530-08	8	530.0	539.6	6	5050	125	30	213	474	43	127	43	245
SPC560-08	8	560.0	569.6	5	5050	125	_	213	504	43	127	43	245
SPC630-08	8	630.0	639.6	5	5050	125		213	574	43	127	43	245
SPC710-08	8	710.0	719.6	5	5050	125	_	213	656	43	127	43	245
SPC800-08	8	0.008	809.6	5	5050	125	_	213	737	43	127	43	245
SPC1000-08	8	1000.0	1009.6	5	5050	125	_	213	937	43	127	43	245
SPC1250-08	8	1250.0	1259.6	5	5050	125	_	213	1187	43	127	43	245







### **SPC-10**



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH NO.	MAX BORE	Е	F	J	К	L	M	N
SPC250-10	10	250.0	259.6	3	4040	100		264	196	81	102	84	
SPC280-10	10	280.0	289.6	3	4040	100		264	226	81	102	81	_
SPC300-10	10	300.0	309.6	3	4545	110		264	245	75	114	75	—
SPC315-10	10	315.0	324.6	3	4545	110		264	258	75	114	75	—
SPC355-10	10	355.0	364.6	3	4545	110	_	264	299	75	114	75	—
SPC400-10	10	400.0	409.6	3	5050	125	_	264	342	68.5	127	68.5	
SPC450-10	10	450.0	459.6	6	5050	125	40	264	394	68.5	127	68.5	245
SPC500-10	10	500.0	509.6	6	5050	125	40	264	444	68.5	127	68.5	245
SPC560-10	10	560.0	569.6	5	5050	125		264	504	68.5	127	68.5	245
SPC630-10	10	630.0	639.6	5	5050	125	_	264	574	68.5	127	68.5	245
SPC710-10	10	710.0	719.6	5	5050	125	_	264	656	68.5	127	68.5	245
SPC800-10	10	800.0	809.6	5	5050	125	_	264	737	68.5	127	68.5	245
SPC1000-10	10	1000.0	1009.6	5	5050	125	_	264	937	68.5	127	68.5	245
SPC1250-10	10	1250.0	1259.6	5	5050	125	_	264	1187	68.5	127	68.5	245

#### NOMENCLATURE FOR TAPER-FLUSH V-BELT PULLEY

