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SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.



More Product Details

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Intelligent Digital Control



Domestic and International Sales Calls

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Rapid Inventory Delivery System



High-End Custom Manufacturing Experts



Extensive Product Range

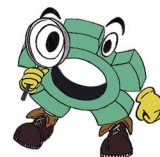


凯普特传动

— SINCE 1986 —



Sophisticated Production System



Strict Quality Control



Overall Solution Experts

Multi-Channel Business Model



Effectively Control Costs



Strong Technical Support

CAPT TB V-Belt Pulley

*Excellent Products in Power Transmission
Safety Assurance for Industrial Operations*



**1045 Steel High-Speed
Main-Drive Taper Bore Pulley**

**Range of 1045 Steel
Adjustable Pulleys**



**High-Strength TB Taper
Bore Pulley**



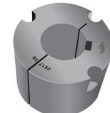
**Range 1045 Steel TB Taper
Bushings A1008-A5050
A6050-A120100**



GGG45/GG25

CAPT TB V-Belt Pulley

— Safe Use Guide



1045



GG20

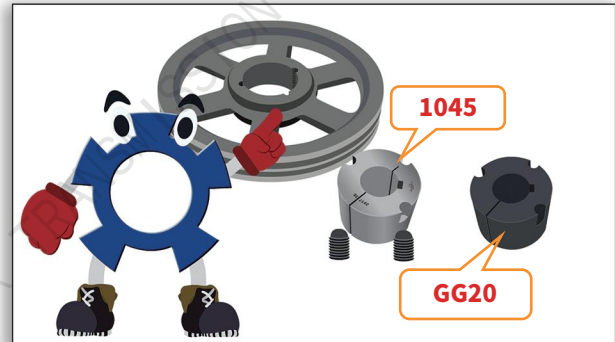
Material Strength Comparison Chart

Classification	Tensile Strength	Strength Coefficient	Application Recommendation
1045	$\geq 600\text{Mpa}$	2.5	***
GGG45	$\geq 450\text{Mpa}$	1.8	**
GG25	$\geq 250\text{Mpa}$	1.0	*
GG20	$\geq 200\text{Mpa}$	0.8	Reliability Issues

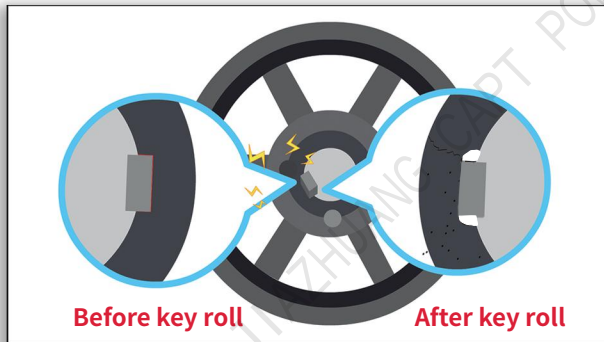
① Comparison of tensile strength between different bushing materials.



② Choosing steel taper bushings can prevent fastening failure.



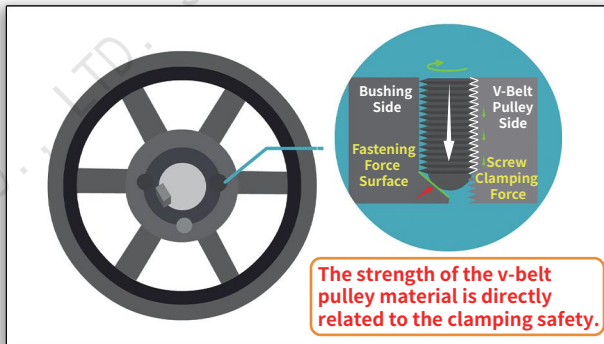
③ TB taper bushings come in two types: high-strength and low-strength materials.



④ Cast iron material keyways are prone to "rolling key" issues.



⑤ High-strength 1045 steel TB taper bushings can prevent breakage and damage.

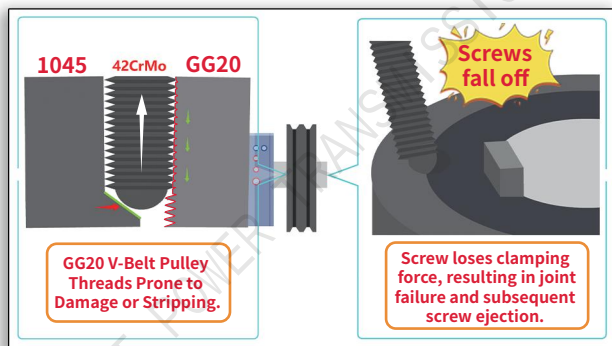


⑥ The taper bushings and pulley are secured by compressing only one side of the threaded hole.



CAPT TB V-Belt Pulley

— Safe Use Guide

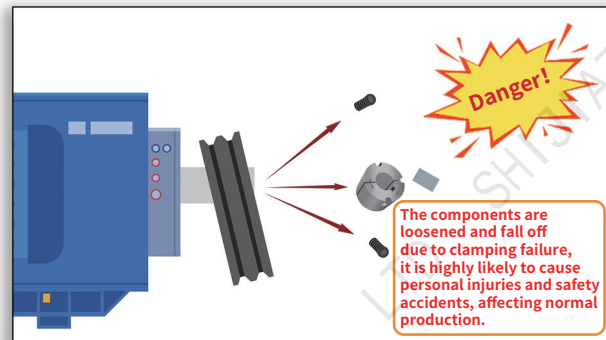


⑦ Thread stripping in tapped holes of GG20 grey cast iron pulleys leads to clamping thread failure and subsequent disengagement.

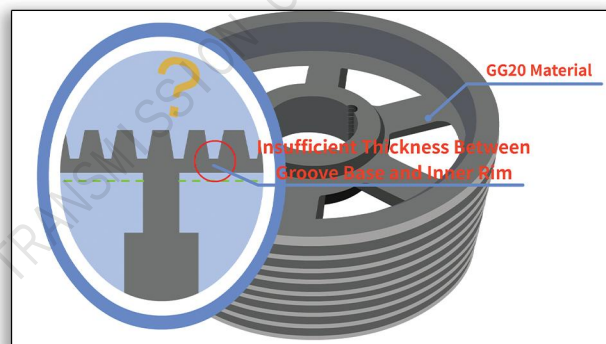
High-Strength Materials Ensure Safety



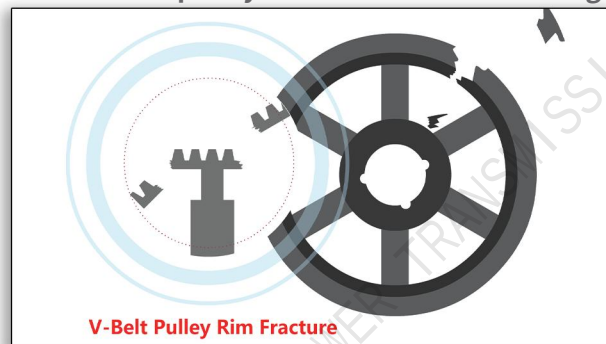
GGG45/GG25



⑧ At high speeds, components may scatter in all directions.



⑨ Over-reduction of rim thickness in multi-groove GG20 cast iron pulleys weakens structural integrity.



⑩ The GG20 cast iron pulley rim may break during operation.



⑪ High-strength components used together ensure durability and enhanced safety!

SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.

CAPT-BTL® **1045 Taper bushing**



**High strength, High precision,
High cost effectiveness, Safe and
reliable, Environmental friendly,
Energy conservation and consumption
reduction**

BTL TAPER BUSHING INSTALLATION INSTRUCTIONS

TO ASSEMBLE

1. Clean and degrease the bore and taper surfaces of the bush and the tapered bore of the pulley. Insert the bush into the pulley hub and line up holes (half thread holes must line up with half unloading holes)
2. Lightly oil the grub screws (bush size 1008 to 3030) or the cap screws (bush size 3535 to 5050) and screw them in, not tighten yet.
3. Clean and degrease the shaft. Fit pulley with taper bush on shaft and locate in desired position.
4. When using a key it should firstly be fitted in the shaft Keyway. There should be a top clearance between the key and the keyway in the bore.
5. Using a hexagon socket wrench gradually tighten the grub cap screws in accordance with the torques as listed in the schedule of screw tightening torques.
6. When the drive has been operating under load for a short period (half to one hour) check and ensure that the screws remain at the appropriate tightening torque.
7. In order to eliminate the ingress of dirt, fill all empty holes with grease.

BUSH	SCREW TIGHTENING TORQUES(Nm)	SCREW	
		QUANTITY	SIZE
1008 1108	5.6	2	1/4" BSW
1210 1215	20	2	3/8" BSW
1310 1315	20	2	3/8" BSW
1610 1615	20	2	3/8" BSW
2012	31	2	7/16" BSW
2517	48	2	1/2" BSW
3020 3030	90	2	5/8" BSW
3535	112	3	1/2" BSW
4040	170	3	5/8" BSW
4545	192	3	3/4" BSW
5050	271	3	7/8" BSW

The BTL taper bushings are registered trademark products. Any production and sale should be authorised and permitted.

Special Note

BTL bushings are made of 1045.
We can also offer other materials according to customers' requirements.

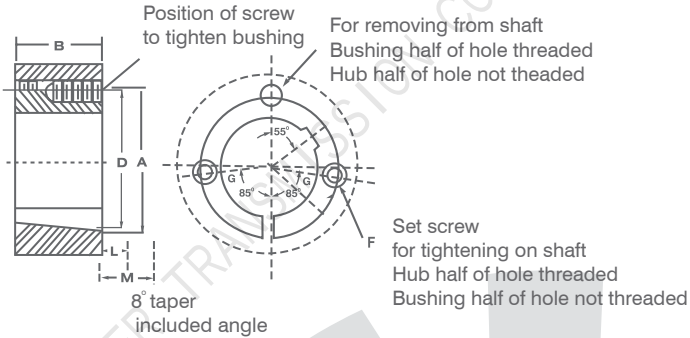
We can do surface coating according to the customers' requirements. *(such as black phosphating, black oxidizing, zinc plating, nickel plating and so on)

Each part is individually boxed.

BTL bushings are inserted with high quality 12.9 grade screws.

CAPT-BTL® **1045 Taper bushing**

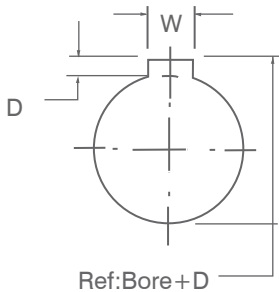
A1008-A120100
Series 1045
steel



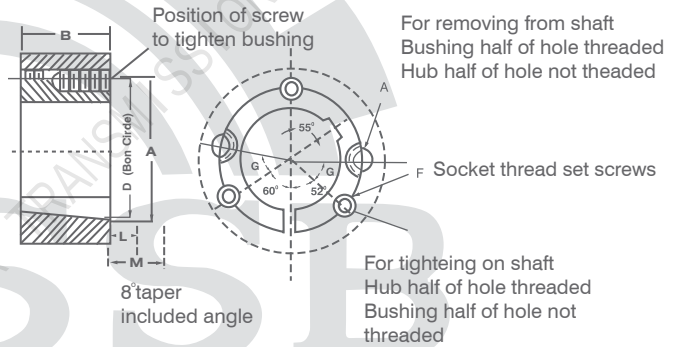
Dimensions for 1008 thru 3030 BTL Taper Bushings

BUSH	A	B	D	Set Screws
1008	1.386	7/8	1 21/64	1/4x1/2
1108	1.511	7/8	1 29/64	1/4x1/2
1210	1 7/8	1	1 3/4	3/8x5/8
1215	1 7/8	1 1/2	1 3/4	3/8x5/8
1310	2	1	1 7/8	3/8x5/8
1610	2 1/4	1	2 1/8	3/8x5/8
1615	2 1/4	1 1/2	2 1/8	3/8x5/8
2012	2 3/4	1 1/4	2 5/8	7/16x7/8
2517	3 3/8	1 3/4	3 1/4	1/2x1
2525	3 3/8	2 1/2	3 1/4	1/2x1
3020	4 1/4	2	4	5/8x1 1/4
3030	4 1/4	3	4	5/8x1 1/4

Two screws required



MM Bore keyway dimensions conform to ISO standard
Depth measured at centerline



Dimensions for 3535 thru 5050 BTL Taper Bushings

BUSH	A	B	D	Set Screws	G
3535	5	3 1/2	4.83	1/2x1 1/2	40°
3525	5	2 1/2	4.83		
4040	5 3/4	4	5.54	5/8x1 3/4	40°
4030	5 3/4	3	5.54		
4545	6 3/8	4 1/2	6.13	3/4x2	40°
4535	6 3/8	3 1/2	6.13		
5050	7	5	6.72	7/8x2 1/4	37°
5040	7	4	6.72		

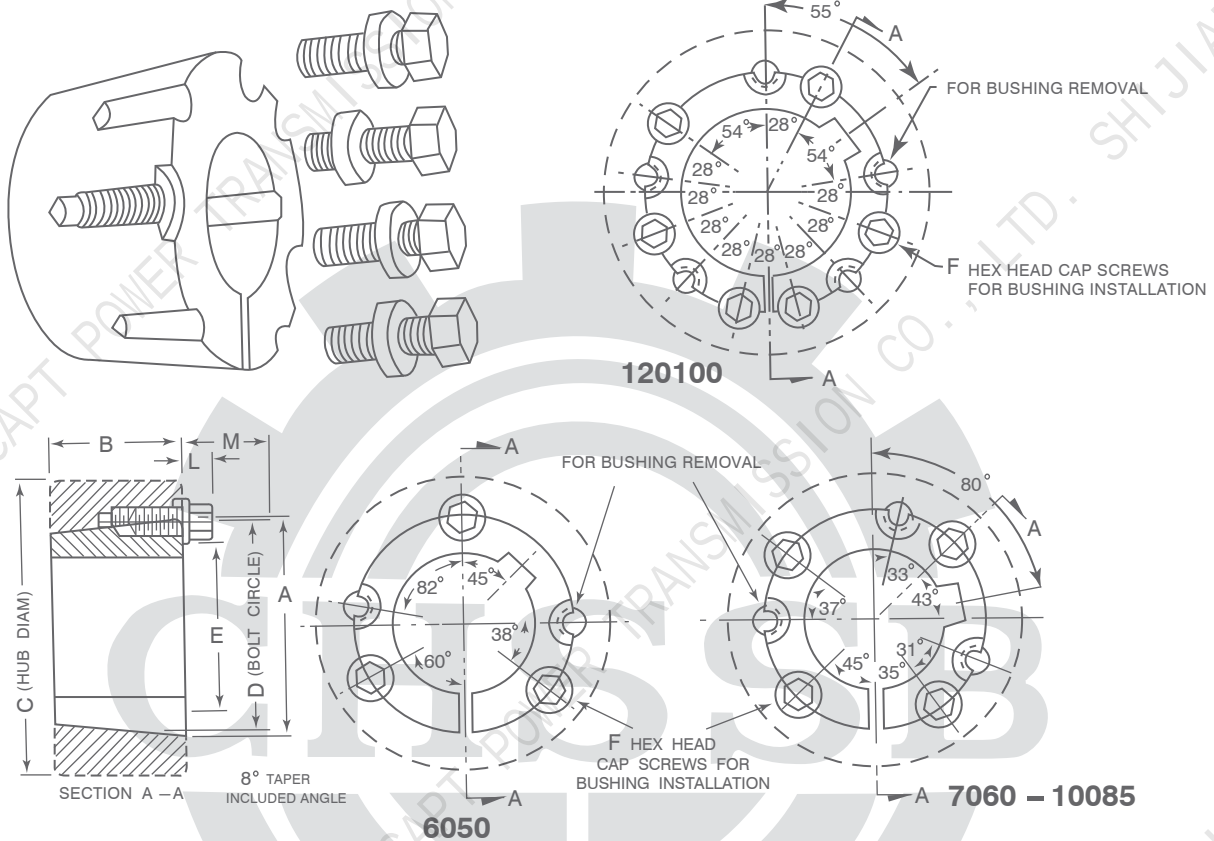
Three screws required



CAPT-BTL®

1045 Taper bushing

TAPER BUSHING DIMENSIONS 6050 thru 120100 Sizes



Dimensions for 6050 thru 120100 BTL Taper Bushings

Bush	A	B	D	Socket Head Cap Screws	E	L	M
6050	9 1/4	5	9	3-1 1/4x3 1/2	6 3/4	1 5/8	4 3/8
7060	10 1/4	6	10	4-1 1/4x3 1/2	7 3/4	1 5/8	4 3/8
8065	11 1/4	6 1/2	11	4-1 1/4x3 1/2	8 3/4	1 5/8	4 3/8
10085	14 3/4	8 1/2	14 1/2	4-1 1/2x4 1/4	11 3/4	2	5 3/8
120100	17 1/4	10	17	6-1 1/2x4 1/4	14 1/4	2	5 3/8

Dimensions for TAPER Bushings Metric & Inches Bore

Bush	inch bore		metric bore	
	Min.	Max.	Min.	Max.
6050	4 7/16	6	80	150
7060	4 15/16	7	90	175
8065	5 7/16	8	110	200
10085	7	10	175	250
120100	8	12	200	300

Bore and keyway dimensions conform to ISO standard recommendation R773. for "free" fit

Instruction sheet is packed into each bushing box.

CAPT-BTL®

1045 Taper bushing KEYWAY

DIN 6885

JIS B 1301-1996

GB/T 1095-2003

METRIC DIMENSIONS KEYWAY STANDARD (SERIES A)

Bush	Bore	Bushing Keyway	Bush	Bore	Bushing Keyway	Bush	Bore	Bushing Keyway	Bush	Bore	Bushing Keyway	Bush	Bore	Bushing Keyway	Bush	Bore	Bushing Keyway
1008	10	3x1.40	1610	14	5x2.30	2517	20	6x2.80	3020	25	8x3.30	3535	35	10x3.30	4545	55	16x4.30
	11	4x1.80		16			22			28			38			60	18x4.40
	12			18	6x2.80		24			30			40	12x3.30		65	
	14	5x2.30		19			25	8x3.30		32	10x3.30		42			70	20x4.90
	16			20			28			35	10x3.30		45	14x3.80		75	
	18	6x2.80		22			30			38			48			80	22x5.40
	19			24	8x3.30		32			40	12x3.30		50			85	
	20			25			35	10x3.30		42			55	16x4.30		90	25x5.4
	22			28			38			45	14x3.80		60	18x4.40		95	
	24	8x2.00		30			40			48	14x3.80		65			100	
1108	25	8x1.30	1615	32	10x3.30	2525	42	12x3.30	3030	50	16x4.30	4040	70	20x4.90	5050	105	28x6.40
	10	3x1.40		35	10x3.30		45			55	16x4.30		75			110	
	11	4x1.80		38			48	14x3.80		60	18x4.40		80	22x5.40			
	12			40	12x3.30		50			65			85				
	14	5x2.30		42	12x2.20		55	16x4.30		70	20x4.90		90	25x5.40			
	16						60	18x4.40		75			95				
	18	6x2.80															
	19			14	5x2.30												
	20			16			20	6x2.80		25	8x3.30		40	12x3.30		60	18x4.40
	22			18	6x2.80		22			28			42			65	
1210	24	8x3.30		19			24			30			45	14x3.80		70	20x4.90
	25			20			25	8x3.30		32	10x3.30		48			75	
	28	8x2.00		22			28			35	10x3.30		50	16x4.30		80	22x5.40
	11	4x1.80		24			30			38			55			85	
	12			25	8x3.30		32	10x3.30		40	12x3.30		60	18x4.40		90	25x5.40
	14	5x2.30		28			35			42			65			95	
	16			30			40	12x3.30		48	14x3.80		70	20x4.90		100	28x6.40
	18	6x2.80		32	10x3.30		42			50			75			105	
	19			35	10x3.30		45	16x4.30		55	16x4.30		80	22x5.40		115	
	20			38			50			60	18x4.40		85	25x5.40		120	32x7.40
1215	22			40	12x2.20		55	16x4.30		70	20x4.90		90	25x5.40		125	
	24			42			60	18x4.40		75			95				
	25	8x3.30															
	28			18	6x2.80												
	11	4x1.80		19			20			25	8x3.30		40	12x3.30		60	18x4.40
	12			20			22			28			42			65	
	14	5x2.30		22			24			30			45	14x3.80		70	20x4.90
	16			24	8x3.30		25	8x3.30		32	10x3.30		48			75	
	18	6x2.80		28			30			35	10x3.30		50	16x4.30		80	22x5.40
	19			30			32	10x3.30		38			55			85	
1310	20			32	10x3.30		35			40	12x3.30		60	18x4.40		90	25x5.40
	22			35	10x3.30		40	12x3.30		42			65			95	
	24			38			42			45	14x3.80		70	20x4.90		100	28x6.40
	25	8x3.30		40			45	16x4.30		48			75			105	
	28			42	12x3.30		48			50			80	22x5.40		110	
	14	5x2.30		45	14x3.80		50			55	16x4.30		85	25x5.40		115	
	16			48			55	16x4.30		60	18x4.40		90	25x5.40		120	32x7.40
	18	6x2.80		50			60	18x4.40		65			95			125	
	20																
	22																
	24	8x3.30															
	25																
	28																
	30																
	32	10x3.30															
	35																

CAPT-T_B^{aper} **V-pulleys** **BS3790 - 1981**

CAPT manufactures range TB taper bore V-belt pulleys (SPZ/SPA/SPB/SPC) in premium 1045 steel, GGG45 & GG25 cast iron. Compatible with BTL bushings for easy installation/removal, these high-practicality components are suitable for various power transmission devices.



Max OD ≤ 200mm

- **HIGH STRENGTH**
- **HIGH PRECISION**
- **HIGH COST EFFECTIVENESS**
- **HIGH-SPEED & HEAVY-DUTY CAPACTIV**
- **SAFE AND RELIABLE**
- **ENVIRONMENTAL FRIENDLY**
- **ENERGY CONSERVATION AND CONSUMPTION REDUCTION**



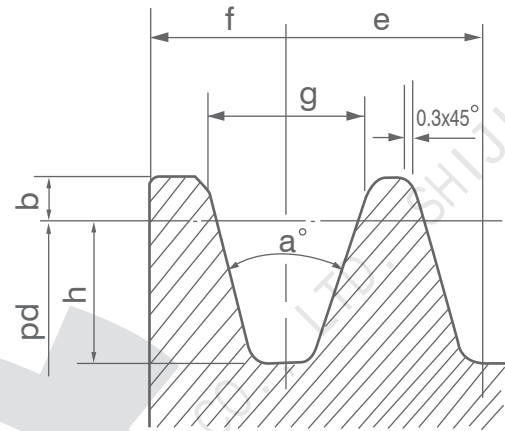
**Stock sale,
immediate delivery!**



OD > 200mm ~ 1250mm

CAPT- T_B^{aper} V-pulleys

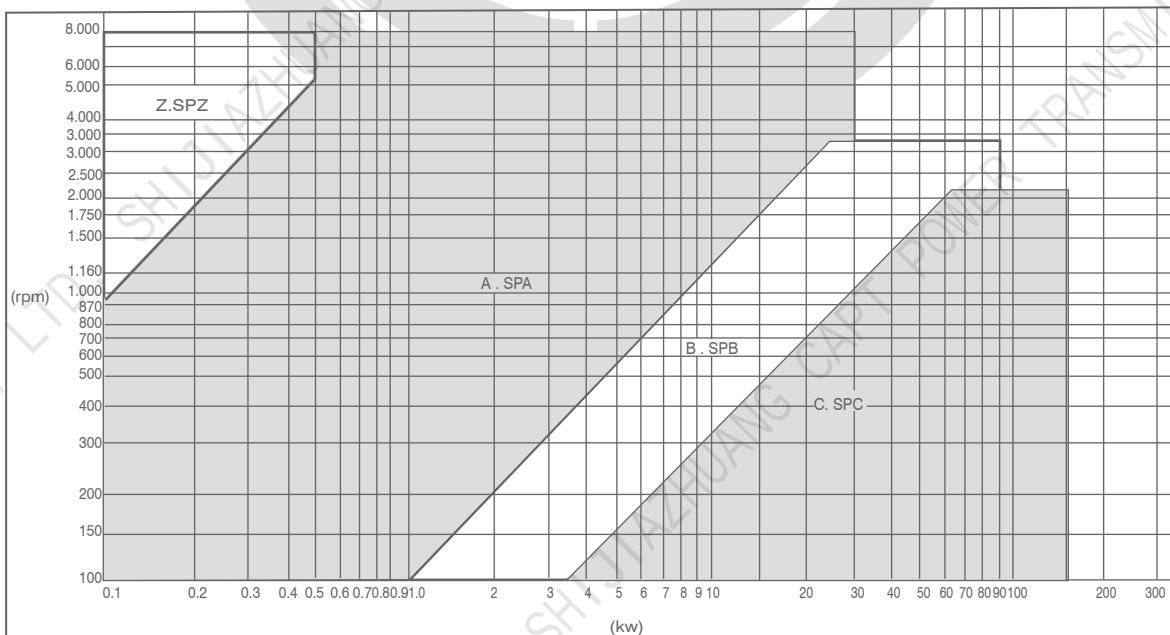
BS3790 - 1981



SPZ - SPA - SPB - SPC

SECTION	PD(mm)	α°	f	e	g	h	b
Z-SPZ	≤ 80	34	8	12	9.7	9	2
	> 80	38			9.9		
A-SPA	≤ 118	34	10	15	12.7	11	2.75
	> 118	38			12.9		
B-SPB	≤ 190	34	12.5	19	16.1	14	3.5
	> 190	38			16.4		
C-SPC	≤ 315	34	17	25.5	21.9	19	4.8
	> 315	38			22.3		

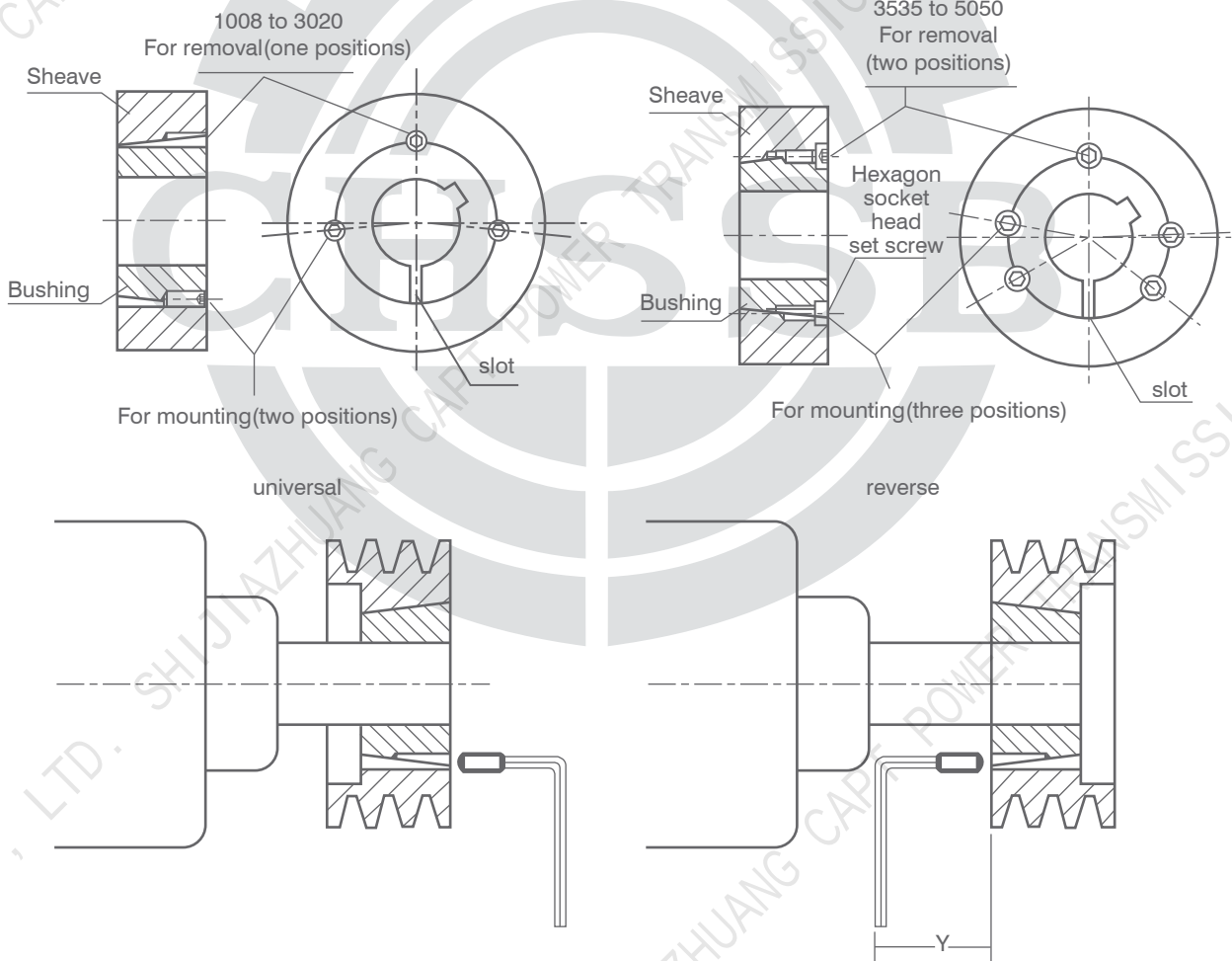
SELECTION FOR STOCK V-BELT PULLEYS



CAPT- T_B V-pulleys BTL

BTL Taper bushing ASSEMBLING INSTRUCTIONS

V-belt pulleys with new type taper-lock bushings has changed the traditional way of transmission. It is easy on and 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.



Screw fastening and removing clearance (Y) is necessary.

**CAPT-*T_{aper}*
*B_{ore}***

V-pulleys

BTL

SPZ-SPA-SPB-SPC

BTL Taper bushing
ASSEMBLING INSTRUCTIONS

TOOLS REQUIRED ARE

- . torque wrench or hexagon wrench
- . socket wrench for Bushing
- . plastic hammer
- . screwdriver

Before assembling, any dirt/paint/oil and grease must be removed from assembling parts.

TO ASSEMBLE

TO REMOVE

Insert bushing into sheave and fasten with right strength



Bushing should not be fastened to final position

Bolts screwed-up about two-thirds of the overall length

Remove bolt



Screw off all bolts and remove them

Insert to shaft



Bushing is still Loosely fastened

Expand the bolt with screwdriver to insert easily.

Loosen taper-fitted bushing from shaft.



Give lubrication oil to bolt.

Screw one of the bolts into a removal hole until bushing comes out about 5mm.

If screwing off is hard, hit on hub of sheave with hammer.

Fastening bolts for finishing



Fasten with wrench (Torque wrench is better if bolt is hard to be screwed on.)

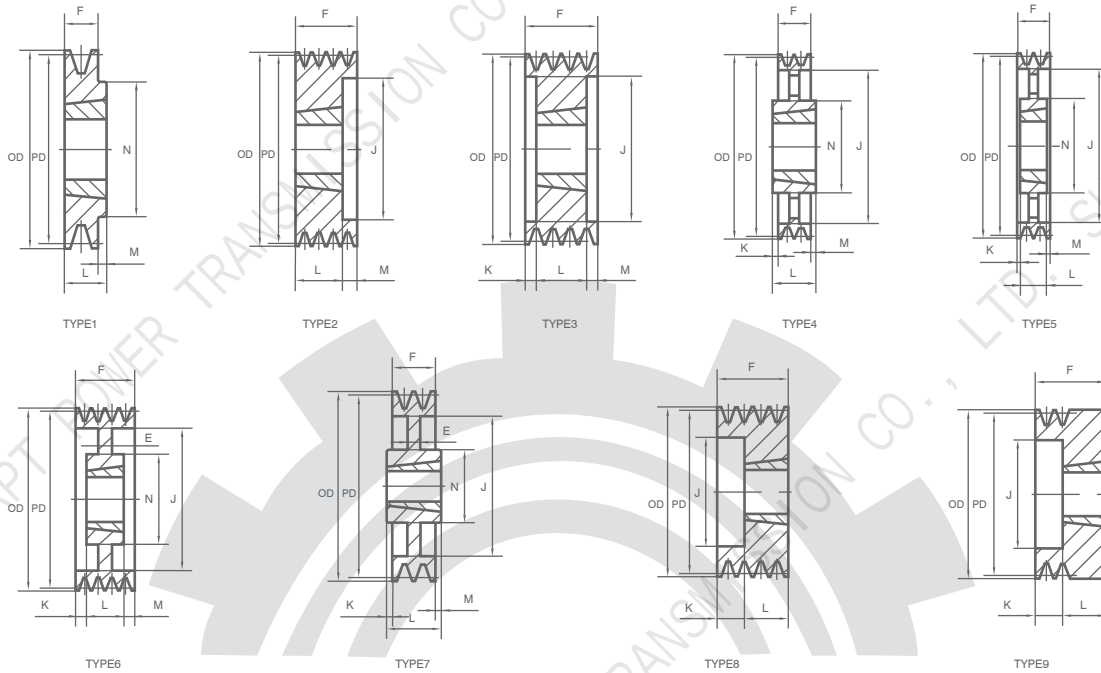
Lightly hit on hub of sheave with hammer screw gradually and alternatively give a little grease into a removal hole.

Remove bushing and pulley.



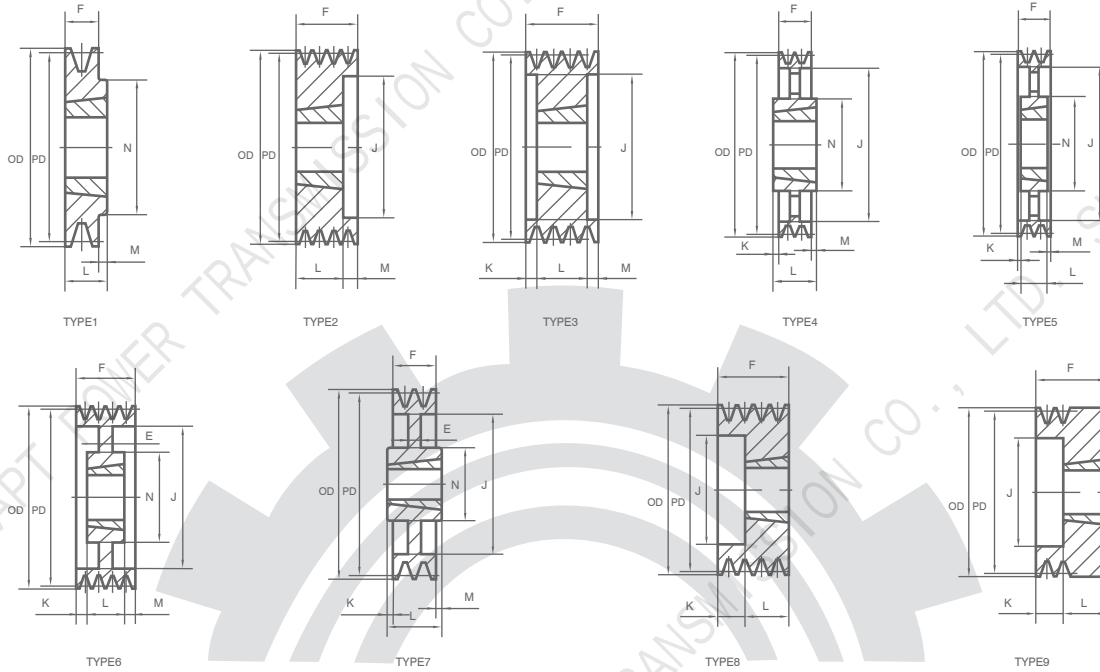
Expand the bolt with screwdriver to get it removed from shaft easily.

CAPT- T_B^{aper} V-pulleys SPZ-1



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPZ 50-01	1	50.0	54.0	9	1008	25	—	37	28	15	22	—	—	1045
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	1	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	1045
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	—	75	
SPZ 95-01	1	95.0	99.0	1	1210	32	—	16	—	—	25	9	75	1045
SPZ 100-01	1	100.0	104.0	1	1210	32	—	16	—	—	25	9	75	
SPZ 106-01	1	106.0	110.0	1	1610	42	—	16	—	—	25	9	80	
SPZ 112-01	1	112.0	116.0	1	1610	42	—	16	—	—	25	9	80	
SPZ 118-01	1	118.0	122.0	1	1610	42	—	16	—	—	25	9	80	1045
SPZ 125-01	1	125.0	129.0	1	1610	42	—	16	—	—	25	9	80	
SPZ 132-01	1	132.0	136.0	1	1610	42	—	16	—	—	25	9	80	
SPZ 140-01	1	140.0	144.0	1	1610	42	—	16	—	—	25	9	80	
SPZ 150-01	1	150.0	154.0	1	1610	42	—	16	—	—	25	9	80	
SPZ 160-01	1	160.0	164.0	1	1610	42	—	16	—	—	25	9	80	
SPZ 170-01	1	170.0	174.0	1	1610	42	—	16	—	—	25	9	80	1045
SPZ 180-01	1	180.0	184.0	1	1610	42	—	16	—	—	25	9	80	
SPZ 190-01	1	190.0	194.0	7	1610	42	—	16	161	—	25	9	80	
SPZ 200-01	1	200.0	204.0	7	2012	50	—	16	172	—	32	16	100	
SPZ 224-01	1	224.0	228.0	7	2012	50	15	16	196	—	32	16	100	GGG45/ GG25
SPZ 250-01	1	250.0	254.0	4	2012	50	—	16	222	8	32	8	100	
SPZ 280-01	1	280.0	284.0	4	2012	50	—	16	252	8	32	8	100	
SPZ 315-01	1	315.0	319.0	4	2012	50	—	1	287	8	32	8	100	
SPZ 355-01	1	355.0	359.0	4	2012	50	—	16	326	8	32	8	112	GGG45/ GG25
SPZ 400-01	1	400.0	404.0	4	2012	50	—	16	371	8	32	8	112	
SPZ 450-01	1	450.0	454.0	4	2517	60	—	16	421	14.5	45	14.5	120	

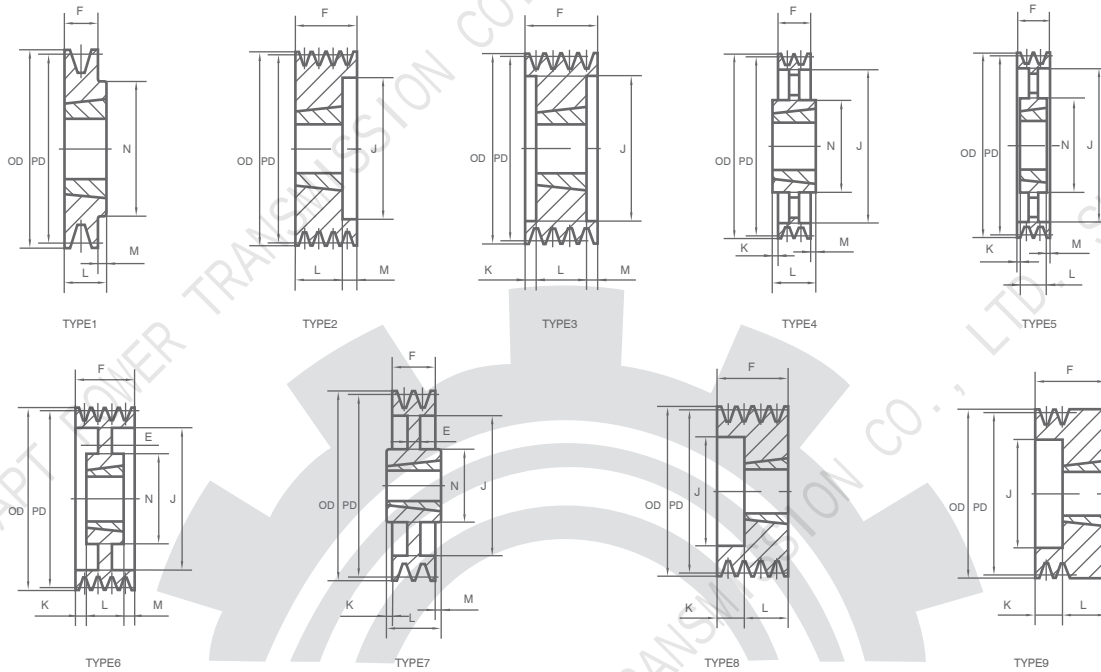
CAPT- T_B^{aper} V-pulleys SPZ-2



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPZ 50-02	2	50.0	54.0	9	1008	25	—	49	28	27	22	—	—	1045
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	—	—	1045
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	—	—	1045
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	—	—	
SPZ 100-02	2	100.0	104.0	8	1610	42	—	28	71	3	25	—	—	
SPZ 106-02	2	106.0	110.0	8	1610	42	—	28	76	3	25	—	—	1045
SPZ 112-02	2	112.0	116.0	8	1610	42	—	28	84	3	25	—	—	
SPZ 118-02	2	118.0	122.0	8	1610	42	—	28	90	3	25	—	—	
SPZ 125-02	2	125.0	129.0	8	1610	42	—	28	97	3	25	—	—	
SPZ 132-02	2	132.0	136.0	8	1610	42	—	28	104	3	25	—	—	1045
SPZ 140-02	2	140.0	146.0	8	1610	42	—	28	112	3	25	—	—	
SPZ 150-02	2	150.0	154.0	1	2012	50	—	28	—	—	32	4	100	
SPZ 160-02	2	160.0	164.0	1	2012	50	—	28	—	—	32	4	100	
SPZ 170-02	2	170.0	174.0	1	2012	50	—	28	—	—	32	4	100	1045
SPZ 180-02	2	180.0	184.0	7	2012	50	10	28	152	—	32	4	100	
SPZ 190-02	2	190.0	194.0	7	2012	50	10	28	161	—	32	4	100	
SPZ 200-02	2	200.0	204.0	7	2012	50	10	28	171	—	32	4	100	
SPZ 224-02	2	224.0	228.0	7	2012	50	10	28	196	—	32	4	100	GGG45/ GG25
SPZ 250-02	2	250.0	254.0	4	2012	50	—	28	222	2	32	2	100	
SPZ 280-02	2	280.0	284.0	4	2012	50	—	28	252	2	32	2	100	
SPZ 315-02	2	315.0	319.0	4	2012	50	—	28	286	2	32	2	100	
SPZ 355-02	2	355.0	359.0	4	2012	50	—	28	326	2	32	2	112	GGG45/ GG25
SPZ 400-02	2	400.0	404.0	4	2517	50	—	28	371	8.5	45	8.5	120	
SPZ 450-02	2	450.0	454.0	4	2517	60	—	28	421	8.5	45	8.5	120	GGG45/ GG25

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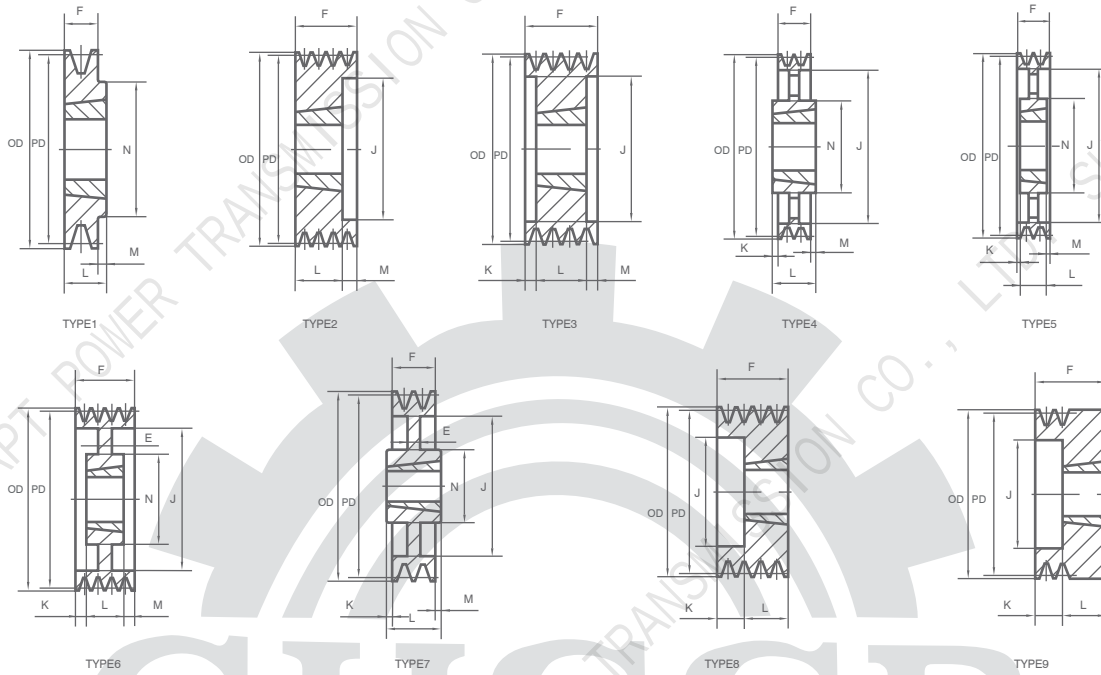
SPZ-3



PART NO.	NO.OF GROOVES	PD	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPZ 63-03	3	63.0	67.0	8	1108	28	—	40	40	18	22	—	—	1045
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	—	40	51	15	25	—	—	1045
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	—	—	1045
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	—	1045
SPZ 132-03	3	132.0	136.0	2	2012	50	—	40	104	—	32	8	—	
SPZ 140-03	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	—	1045
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	GGG45/ GG25
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	GGG45/ GG25
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	GGG45/ GG25
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	

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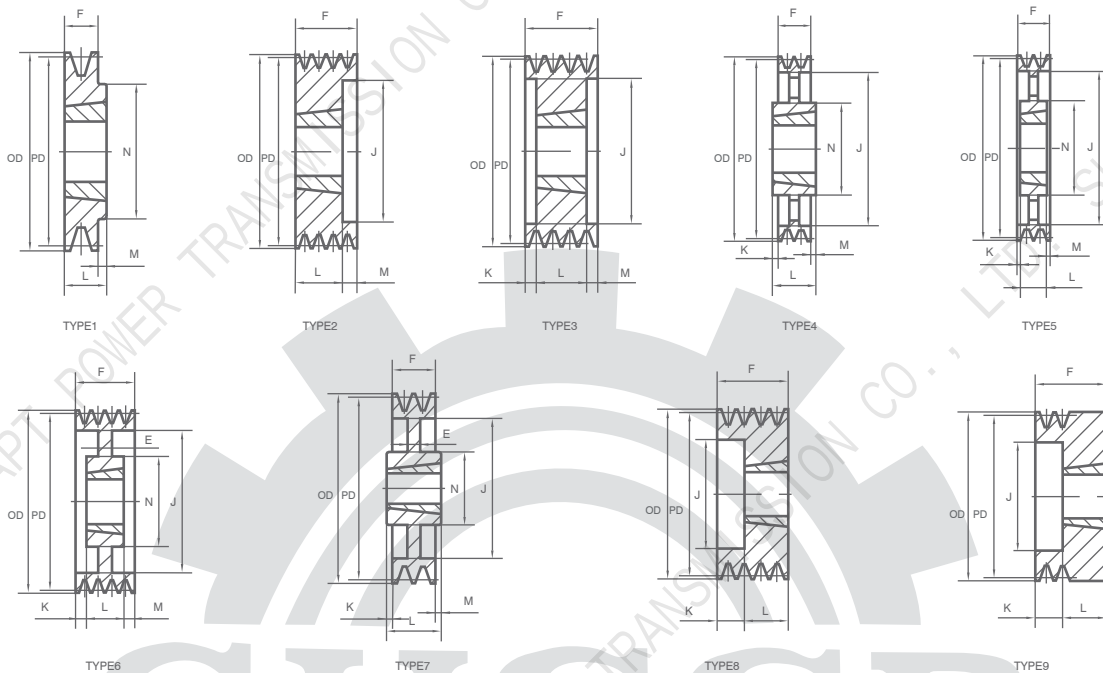
SPZ-4



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPZ 80-04	4	80.0	84.0	8	1210	32	—	52	51	27	25	—	—	1045
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	—	—	
SPZ 100-04	4	100.0	104.0	8	1610	42	—	52	72	27	25	—	—	
SPZ 106-04	4	106.0	110.0	8	1610	42	—	52	80	27	25	—	—	1045
SPZ 112-04	4	112.0	116.0	8	2012	50	—	52	86	20	32	—	—	
SPZ 118-04	4	118.0	122.0	8	2012	50	—	52	92	20	32	—	—	
SPZ 125-04	4	125.0	129.0	2	2012	50	—	52	99	20	32	20	—	
SPZ 132-04	4	132.0	136.0	2	2012	50	—	52	104	20	32	20	—	
SPZ 140-04	4	140.0	144.0	2	2012	50	—	52	112	7	32	20	—	1045
SPZ 150-04	4	150.0	154.0	2	2517	60	—	52	122	7	45	7	—	
SPZ 160-04	4	160.0	164.0	2	2517	60	—	52	132	—	45	7	—	
SPZ 170-04	4	170.0	174.0	2	2517	60	—	52	141	—	45	7	—	
SPZ 180-04	4	180.0	184.0	2	2517	60	—	52	152	—	45	7	—	
SPZ 190-04	4	190.0	194.0	6	2517	60	10	52	161	3.5	45	3.5	120	
SPZ 200-04	4	200.0	204.0	6	2517	60	10	52	172	3.5	45	3.5	120	GGG45/ GG25
SPZ 224-04	4	224.0	228.0	6	2517	60	10	52	196	3.5	45	3.5	120	
SPZ 250-04	4	250.0	254.0	5	2517	60	—	52	222	3.5	45	3.5	120	
SPZ 280-04	4	280.0	284.0	5	2517	60	—	52	252	3.5	45	3.5	120	
SPZ 315-04	4	315.0	319.0	5	2517	60	—	52	287	3.5	45	3.5	120	
SPZ 355-04	4	355.0	359.0	5	2517	60	—	52	326	3.5	45	3.5	120	GGG45/ GG25
SPZ 400-04	4	400.0	404.0	5	2517	60	—	52	371	3.5	45	3.5	120	
SPZ 450-04	4	450.0	454.0	5	3020	75	—	52	421	0.5	51	0.5	150	
SPZ 500-04	4	500.0	504.0	5	3020	75	—	52	471	0.5	51	0.5	150	
SPZ 630-04	4	630.0	634.0	4	3030	75	—	52	601	12	76	12	150	
SPZ 800-04	4	800.0	804.0	4	3030	75	—	52	771	12	76	12	150	

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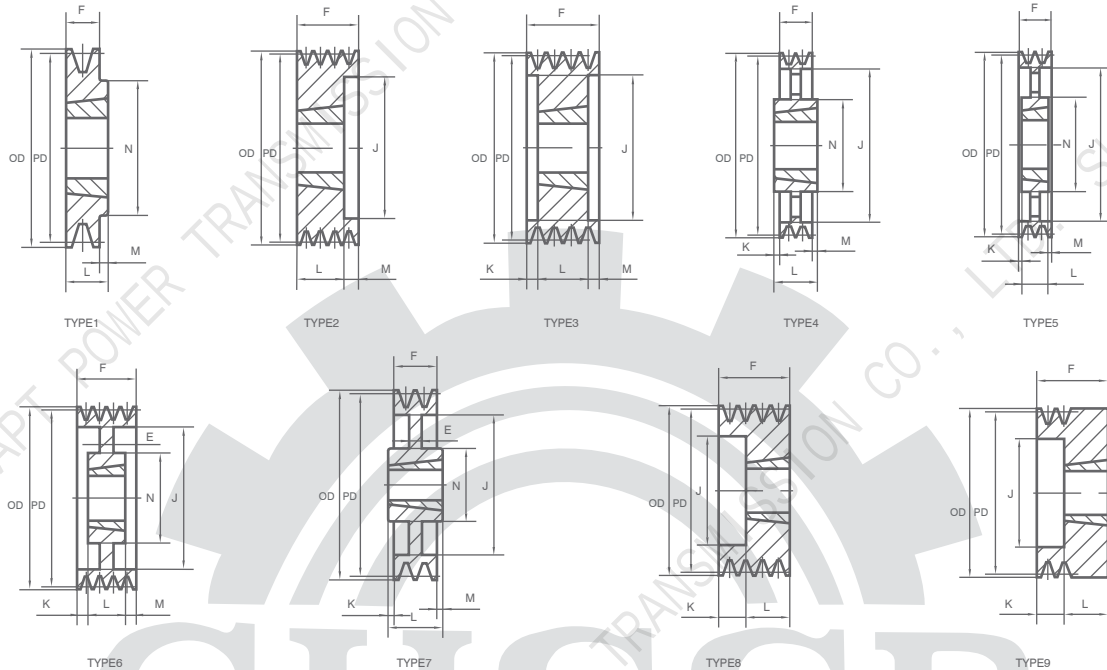
SPZ-5



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPZ 85-05	5	85.0	89.0	8	1610	42	—	64	60	39	25	—	—	1045
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	—	—	
SPZ 100-05	5	100.0	104.0	8	2012	50	—	64	72	32	32	—	—	
SPZ 106-05	5	106.0	110.0	8	2012	50	—	64	78	32	32	—	—	
SPZ 112-05	5	112.0	116.0	8	2012	50	—	64	84	32	32	—	—	1045
SPZ 118-05	5	118.0	122.0	8	2012	50	—	64	90	32	32	—	—	
SPZ 125-05	5	125.0	129.0	8	2012	50	—	64	97	32	32	—	—	
SPZ 132-05	5	132.0	136.0	8	2517	60	—	64	104	19	45	—	—	
SPZ 140-05	5	140.0	144.0	2	2517	60	—	64	112	—	45	19	—	
SPZ 150-05	5	150.0	154.0	2	2517	60	—	64	122	—	45	19	—	1045
SPZ 160-05	5	160.0	164.0	2	2517	60	—	64	132	—	45	19	—	
SPZ 170-05	5	170.0	174.0	2	2517	60	—	64	141	—	45	19	—	
SPZ 180-05	5	180.0	184.0	2	2517	60	—	64	152	—	45	19	—	
SPZ 190-05	5	190.0	194.0	6	2517	60	10	64	161	9.5	45	9.5	120	
SPZ 200-05	5	200.0	204.0	6	2517	60	10	64	172	9.5	45	9.5	120	GGG45/ GG25
SPZ 224-05	5	224.0	228.0	6	2517	60	10	64	196	9.5	45	9.5	120	
SPZ 250-05	5	250.0	254.0	5	2517	60	—	64	222	9.5	45	9.5	120	
SPZ 280-05	5	280.0	284.0	5	2517	60	—	64	252	9.5	45	9.5	120	
SPZ 315-05	5	315.0	319.0	5	2517	60	—	64	287	9.5	45	9.5	120	
SPZ 355-05	5	355.0	359.0	5	2517	60	—	64	326	9.5	45	9.5	120	GGG45/ GG25
SPZ 400-05	5	400.0	404.0	5	3020	75	—	64	371	6.5	51	6.5	150	
SPZ 450-05	5	450.0	454.0	5	3020	75	—	64	421	6.5	51	6.5	150	
SPZ 500-05	5	500.0	504.0	4	3030	75	—	64	471	6	76	6	150	
SPZ 630-05	5	630.0	634.0	4	3030	75	—	64	601	6	76	6	150	
SPZ 800-05	5	800.0	804.0	4	3535	90	—	64	771	12.5	89	12.5	170	

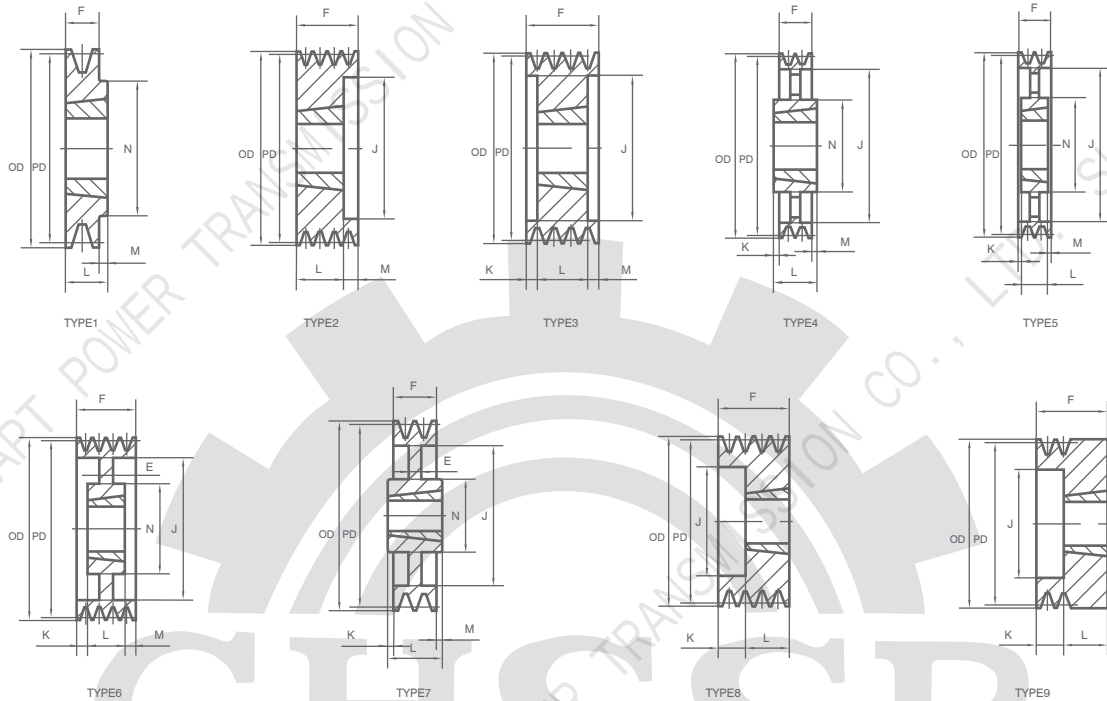
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SPZ-6



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPZ 90-06	6	90.0	94.0	8	1610	42	—	76	61	51	25	—	—	1045
SPZ 95-06	6	95.0	99.0	8	1610	42	—	76	66	51	25	—	—	
SPZ 100-06	6	100.0	104.0	8	2012	50	—	76	72	44	32	—	—	
SPZ 106-06	6	106.0	110.0	8	2012	50	—	76	78	44	32	—	—	
SPZ 112-06	6	112.0	116.0	8	2012	50	—	76	84	44	32	—	—	
SPZ 118-06	6	118.0	122.0	8	2517	60	—	76	90	31	45	—	—	1045
SPZ 125-06	6	125.0	129.0	8	2517	60	—	76	97	31	45	—	—	
SPZ 132-06	6	132.0	136.0	8	2517	60	—	76	104	31	45	—	—	
SPZ 140-06	6	140.0	146.0	2	2517	60	—	76	112	—	45	31	—	
SPZ 150-06	6	150.0	154.0	2	2517	60	—	76	122	—	45	31	—	
SPZ 160-06	6	160.0	164.0	2	2517	60	—	76	132	—	45	31	—	1045
SPZ 170-06	6	170.0	174.0	2	2517	60	—	76	141	—	45	31	—	
SPZ 180-06	6	180.0	184.0	2	2517	60	—	76	152	—	45	31	—	
SPZ 190-06	6	190.0	194.0	6	2517	60	10	76	161	15.0	45	15.5	120	
SPZ 200-06	6	200.0	204.0	6	2517	60	10	76	172	15.0	45	15.5	120	
SPZ 224-06	6	224.0	228.0	6	2517	60	10	76	196	15.5	45	15.5	120	GGG45/ GG25
SPZ 250-06	6	250.0	254.0	5	2517	60	—	76	222	15.5	45	15.5	120	
SPZ 280-06	6	280.0	284.0	5	2517	60	—	76	252	15.5	45	15.5	120	
SPZ 315-06	6	315.0	319.0	5	2517	60	—	76	287	15.5	45	15.5	120	
SPZ 355-06	6	355.0	359.0	5	2517	60	—	76	326	15.5	45	15.5	125	
SPZ 400-06	6	400.0	404.0	5	3030	75	—	76	371	—	76	—	150	GGG45/ GG25
SPZ 450-06	6	450.0	454.0	5	3030	75	—	76	421	—	76	—	150	
SPZ 500-06	6	500.0	504.0	5	3030	75	—	76	471	—	76	—	150	
SPZ 630-06	6	630.0	634.0	4	3535	90	—	76	601	6.5	89	6.5	170	
SPZ 800-06	6	800.0	804.0	4	3535	90	—	76	771	6.5	89	6.5	170	

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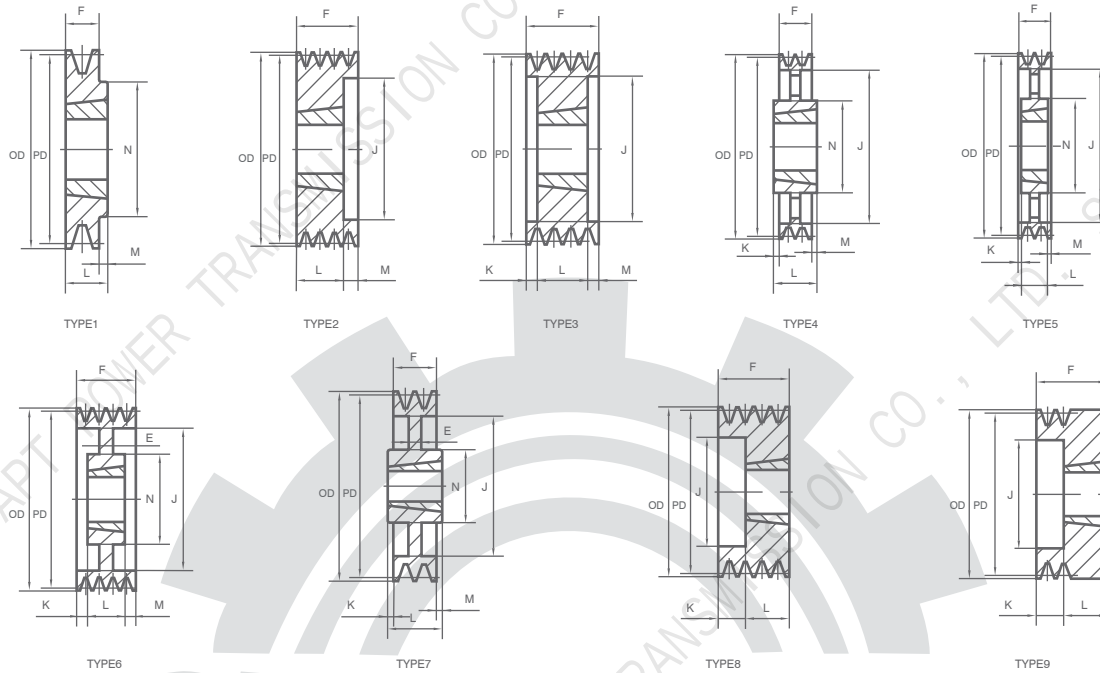
PART NO.	NO.OF GROOVES	PD	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPZ 140-08	8	140.0	144.0	3	2517	60	—	100	112	27.5	45	27.5	—	1045
SPZ 150-08	8	150.0	154.0	3	2517	60	—	100	122	27.5	45	27.5	—	
SPZ 160-08	8	160.0	164.0	3	2517	60	—	100	132	27.5	45	27.5	—	
SPZ 180-08	8	180.0	184.0	3	2517	60	—	100	152	27.5	45	27.5	—	
SPZ 200-08	8	200.0	204.0	3	3020	75	—	100	171	24.5	51	24.5	—	
SPZ 224-08	8	224.0	228.0	3	3020	75	—	100	195	24.5	51	24.5	—	GGG45/ GG25
SPZ 250-08	8	250.0	254.0	6	3020	75	—	100	221	24.5	51	24.5	150	
SPZ 280-08	8	280.0	284.0	5	3020	75	—	100	252	24.5	51	24.5	150	
SPZ 355-08	8	355.0	359.0	5	3030	75	—	100	326	12	76	12	150	
SPZ 400-08	8	400.0	404.0	5	3030	75	—	100	371	12	76	12	150	
SPZ 450-08	8	450.0	454.0	5	3535	90	—	100	421	5.5	89	5.5	170	

Standard bore dimensions of BTL bushings

Bushing	Stock Bores																			
	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75	80
2517	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
3020				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
3030				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
3535							●	●	●	●	●	●	●	●	●	●	●	●	●	●

CAPT- T_B^{aper} V-pulleys

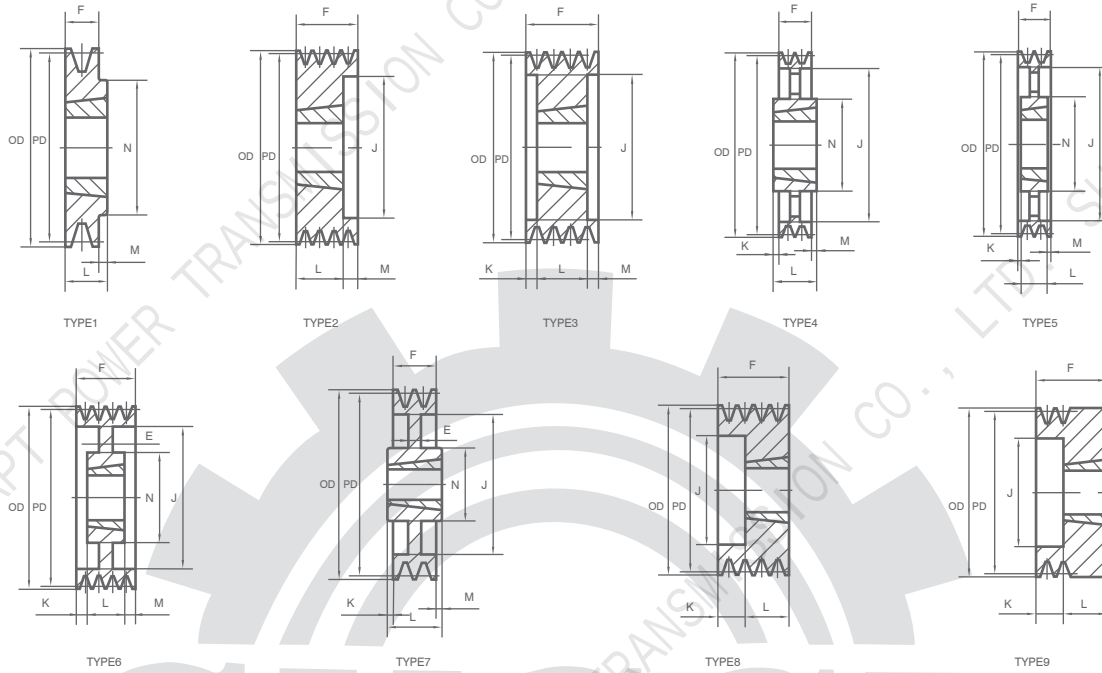
SPA-1



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPA 63-01	1	63.0	68.5	1	1008	28	—	20	—	—	22	2	56	1045
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	1045
SPA 90-01	1	90.0	95.5	1	1210	32	—	20	—	—	25	5	75	
SPA 95-01	1	95.0	100.5	1	1210	32	—	20	—	—	25	5	75	
SPA 100-01	1	100.0	105.5	1	1610	42	—	20	—	—	25	5	80	
SPA 106-01	1	106.0	111.5	1	1610	42	—	20	—	—	25	5	80	
SPA 112-01	1	112.0	117.5	1	1610	42	—	20	—	—	25	5	80	1045
SPA 118-01	1	118.0	123.5	1	1610	42	—	20	—	—	25	5	80	
SPA 125-01	1	125.0	130.5	1	1610	42	—	20	—	—	25	5	80	
SPA 132-01	1	132.0	137.5	1	1610	42	—	20	—	—	25	5	80	
SPA 140-01	1	140.0	145.5	1	1610	42	—	20	—	—	25	5	80	
SPA 150-01	1	150.0	155.5	1	1610	42	—	20	—	—	25	5	80	1045
SPA 160-01	1	160.0	165.5	1	1610	42	—	20	—	—	25	5	80	
SPA 170-01	1	170.0	175.5	1	1610	42	—	20	—	—	25	5	80	
SPA 180-01	1	180.0	185.5	1	1610	42	—	20	—	—	25	5	80	
SPA 190-01	1	190.0	195.5	1	1610	42	—	20	—	—	25	5	80	
SPA 200-01	1	200.0	205.5	7	2012	50	10	20	165	—	32	12	100	GGG45/ GG25
SPA 224-01	1	224.0	229.5	7	2012	50	10	20	189	—	32	12	100	
SPA 250-01	1	250.0	255.5	7	2012	50	10	20	215	6	32	6	100	
SPA 280-01	1	280.0	285.5	7	2012	50	10	20	245	—	32	12	100	
SPA 315-01	1	315.0	320.5	4	2012	50	—	20	280	—	32	12	100	
SPA 355-01	1	355.0	360.5	4	2012	50	—	20	320	—	32	12	100	GGG45/ GG25
SPA 400-01	1	400.0	405.5	4	2012	50	—	20	365	—	32	12	100	
SPA 450-01	1	450.0	455.5	4	2012	50	—	20	415	—	32	12	100	
SPA 500-01	1	500.0	505.5	4	2517	60	—	20	465	—	45	25	120	
SPA 630-01	1	630.0	635.5	4	2517	60	—	20	595	—	45	25	120	

CAPT- T_B^{aper} V-pulleys

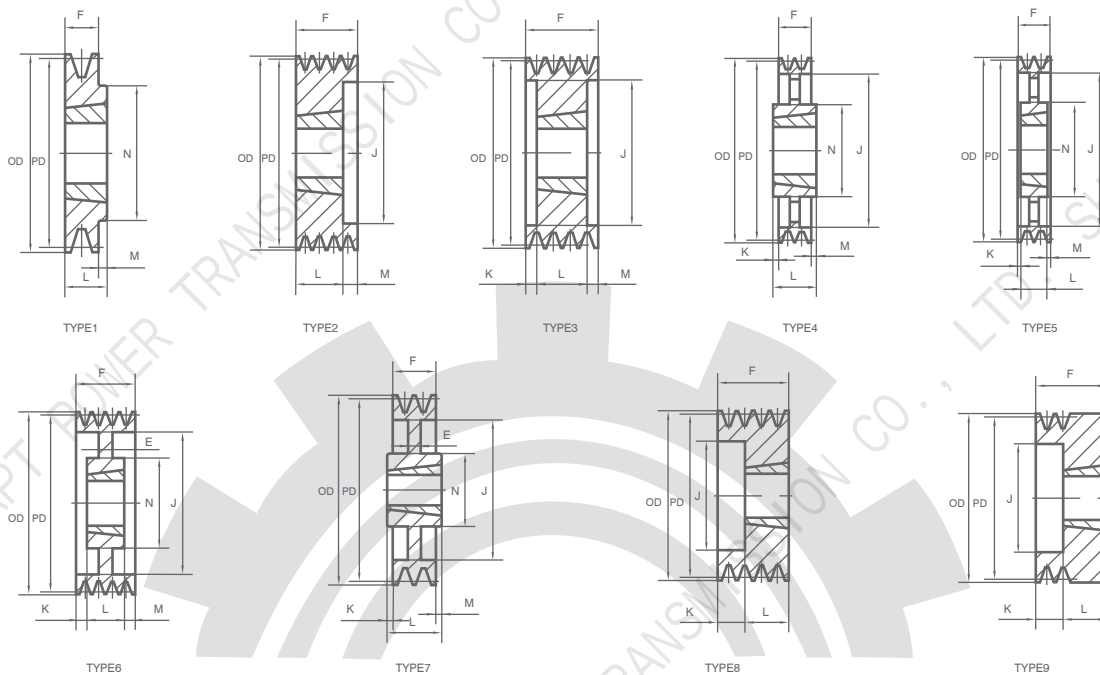
SPA-2



PART NO.	NO.OF GROOVES	PD	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPA 63-02	2	63.0	68.5	8	1008	28	—	35	36	13	22	—	—	1045
SPA 67-02	2	67.0	72.5	8	1108	28	—	35	37	13	22	—	—	
SPA 71-02	2	71.0	76.5	8	1108	28	—	35	40	13	22	—	—	
SPA 75-02	2	75.0	80.5	8	1108	28	—	35	44	13	22	—	—	
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	—	—	1045
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	—	—	
SPA 100-02	2	100.0	105.5	8	1610	42	—	35	70	10	25	—	—	
SPA 106-02	2	106.0	111.5	8	1610	42	—	35	76	10	25	—	—	
SPA 112-02	2	112.0	117.5	8	1610	42	—	35	80	10	25	—	—	1045
SPA 118-02	2	118.0	123.5	8	1610	42	—	35	86	10	25	—	—	
SPA 125-02	2	125.0	130.5	8	1610	42	—	35	90	10	25	—	—	
SPA 132-02	2	132.0	137.5	8	2012	50	—	35	98	3	32	—	—	
SPA 140-02	2	140.0	145.5	8	2012	50	—	35	106	3	32	—	—	
SPA 150-02	2	150.0	155.5	8	2012	50	—	35	116	3	32	—	—	1045
SPA 160-02	2	160.0	165.5	8	2012	50	15	35	125	3	32	—	—	
SPA 170-02	2	170.0	175.5	8	2012	50	15	35	135	3	32	—	—	
SPA 180-02	2	180.0	185.5	6	2012	50	15	35	148	1.5	32	1.5	100	
SPA 190-02	2	190.0	195.5	6	2012	50	15	35	158	1.5	32	1.5	100	
SPA 200-02	2	200.0	205.5	7	2517	60	15	35	165	5	45	5	120	GGG45/ GG25
SPA 224-02	2	224.0	229.5	7	2517	60	15	35	189	—	45	10	120	
SPA 250-02	2	250.0	255.5	7	2517	60	20	35	215	5	45	5	120	
SPA 280-02	2	280.0	285.5	4	2517	60	—	35	245	—	45	10	120	
SPA 315-02	2	315.0	320.5	4	2517	60	—	35	280	—	45	10	120	
SPA 355-02	2	355.0	360.5	4	2517	60	—	35	320	—	45	10	120	GGG45/ GG25
SPA 400-02	2	400.0	405.5	4	2517	60	—	35	365	—	45	10	120	
SPA 500-02	2	500.0	505.5	4	2517	60	—	35	465	—	45	10	120	
SPA 560-02	2	560.0	565.5	4	3020	75	—	35	525	—	51	16	150	
SPA 630-02	2	630.0	635.5	4	3020	75	—	35	595	—	51	16	150	

CAPT- T_B V-pulleys

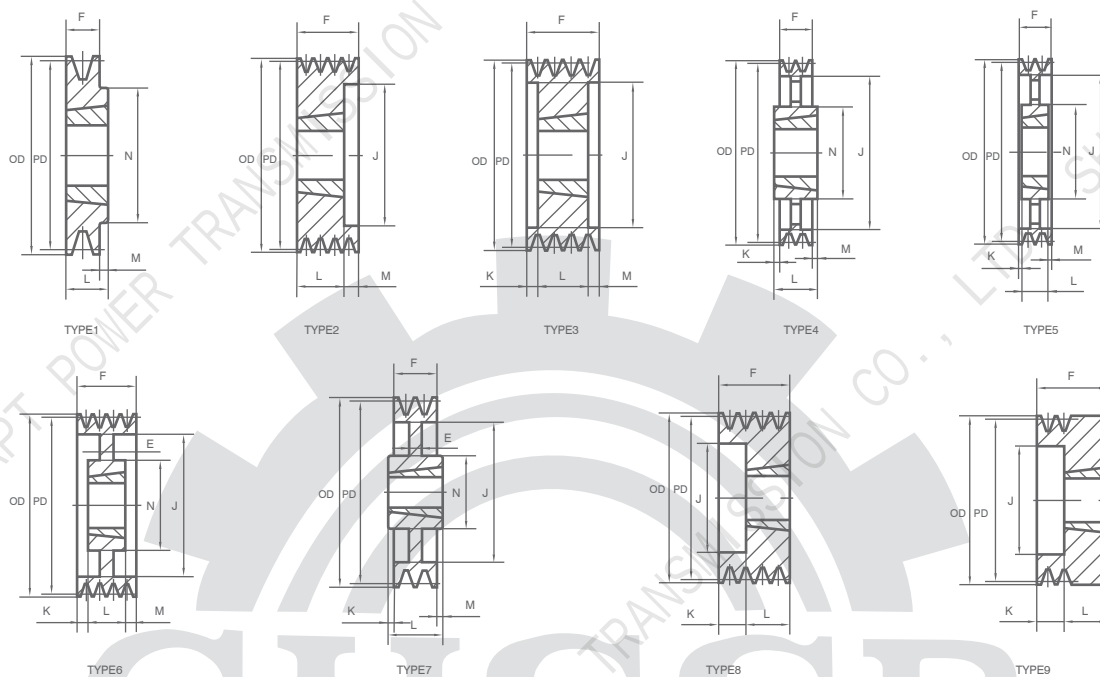
SPA-3



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPA 71-03	3	71.0	76.5	8	1108	28	—	50	40	28	22	—	—	1045
SPA 75-03	3	75.0	80.5	8	1108	32	—	50	44	28	22	—	—	
SPA 80-03	3	80.0	85.5	8	1210	32	—	50	47	25	25	—	—	
SPA 85-03	3	85.0	90.5	8	1210	32	—	50	50	25	25	—	—	
SPA 90-03	3	90.0	95.5	8	1610	42	—	50	60	25	25	—	—	
SPA 95-03	3	95.0	100.5	8	1610	42	—	50	64	25	25	—	—	1045
SPA 100-03	3	100.0	105.5	2	1610	42	—	50	70	—	25	25	—	
SPA 106-03	3	106.0	111.5	2	1610	42	—	50	76	—	25	25	—	
SPA 112-03	3	112.0	117.5	8	2012	50	—	50	83	18	32	—	—	
SPA 118-03	3	118.0	123.5	2	2012	50	—	50	86	—	32	18	—	
SPA 125-03	3	125.0	128.5	2	2012	50	—	50	92	—	32	18	—	1045
SPA 132-03	3	132.0	137.5	2	2012	50	—	50	98	—	32	18	—	
SPA 140-03	3	140.0	145.5	8	2517	60	—	50	106	5	45	—	—	
SPA 150-03	3	150.0	155.5	8	2517	60	—	50	116	5	45	—	—	
SPA 160-03	3	160.0	165.5	8	2517	60	—	50	126	5	45	—	—	
SPA 170-03	3	170.0	175.5	8	2517	60	—	50	138	5	45	—	—	1045
SPA 180-03	3	180.0	185.5	8	2517	60	—	50	146	5	45	—	—	
SPA 190-03	3	190.0	195.5	8	2517	60	—	50	158	5	45	—	—	
SPA 200-03	3	200.0	205.5	6	2517	60	20	50	165	2.5	45	2.5	120	
SPA 224-03	3	224.0	229.5	6	2517	60	20	50	189	2.5	45	2.5	120	
SPA 250-03	3	250.0	255.5	6	2517	60	20	50	215	2.5	45	2.5	120	GGG45/ GG25
SPA 280-03	3	280.0	285.5	5	2517	60	—	50	245	2.5	45	2.5	120	
SPA 315-03	3	315.0	320.5	4	3020	75	—	50	280	0.5	51	0.5	150	
SPA 355-03	3	355.0	360.5	4	3020	75	—	50	320	0.5	51	0.5	160	
SPA 400-03	3	400.0	405.5	4	3020	75	—	50	365	0.5	51	0.5	150	
SPA 450-03	3	450.0	455.5	4	3020	75	—	50	415	0.5	51	0.5	150	GGG45/ GG25
SPA 500-03	3	500.0	505.5	4	3020	75	—	50	465	0.5	51	0.5	150	
SPA 560-03	3	560.0	565.5	4	3020	75	—	50	525	0.5	51	0.5	150	
SPA 630-03	3	630.0	635.5	4	3020	75	—	50	595	0.5	51	0.5	150	
SPA 800-03	3	800.0	805.5	4	3535	90	—	50	765	19.5	89	19.5	170	
SPA 1000-03	3	1000.0	1005.5	4	3535	90	—	50	965	19.5	89	19.5	178	GGG45/ GG25

CAPT- T_B^{aper} V-pulleys

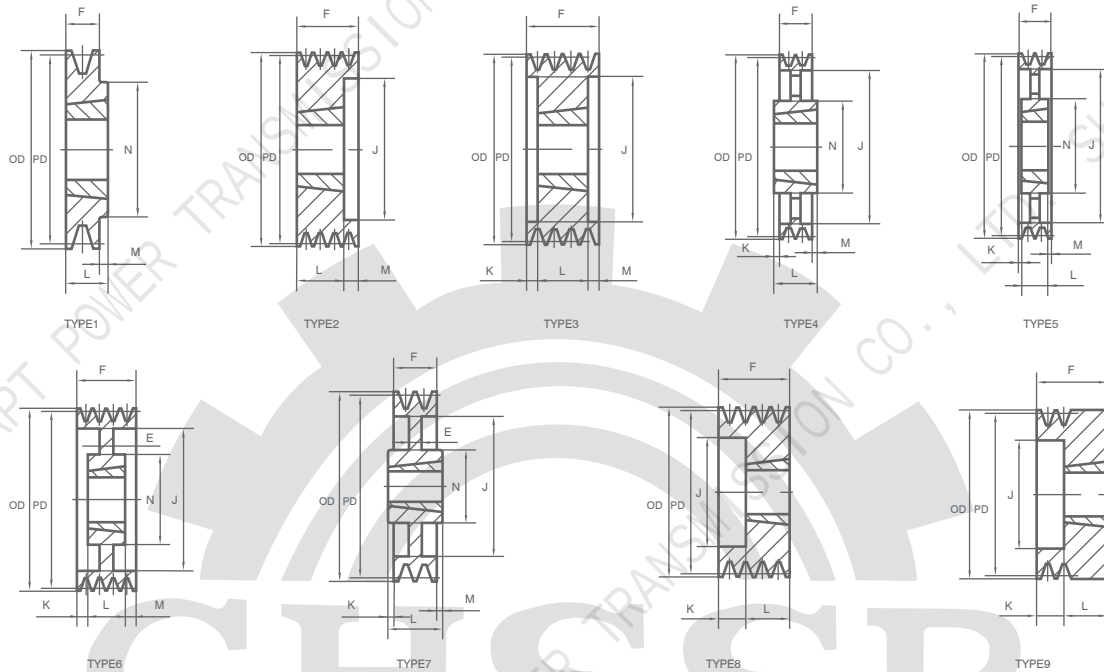
SPA-4



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPA 90-04	4	90.0	95.5	3	1615	42	—	65	64	13.5	38	13.5	—	1045
SPA 95-04	4	95.0	100.5	3	1615	42	—	65	64	13.5	38	13.5	—	
SPA 100-04	4	100.0	105.5	2	1615	42	—	65	70	—	38	27	—	
SPA 106-04	4	106.0	111.5	8	2012	50	—	65	76	33	32	—	—	
SPA 112-04	4	112.0	117.5	8	2012	50	—	65	80	33	32	—	—	
SPA 118-04	4	118.0	123.5	2	2012	50	—	65	86	—	32	33	—	1045
SPA 125-04	4	125.0	130.5	2	2012	50	—	65	92	—	32	33	—	
SPA 132-04	4	132.0	137.5	2	2517	60	—	65	98	—	45	20	—	
SPA 140-04	4	140.0	145.5	2	2517	60	—	65	106	—	45	20	—	
SPA 150-04	4	150.0	155.5	2	2517	60	—	65	116	—	45	20	—	
SPA 160-04	4	160.0	165.5	2	2517	60	—	65	126	—	45	20	—	1045
SPA 170-04	4	170.0	175.5	2	2517	60	—	65	138	—	45	20	—	
SPA 180-04	4	180.0	185.5	2	2517	60	—	65	146	—	45	20	—	
SPA 190-04	4	190.0	195.5	2	2517	60	—	65	158	—	45	20	—	
SPA 200-04	4	200.0	205.5	2	3020	75	—	65	165	—	51	14	—	
SPA 224-04	4	224.0	229.5	2	3020	75	—	65	189	—	51	14	—	GGG45/ GG25
SPA 250-04	4	250.0	255.5	6	3020	75	10	65	215	7	51	7	150	
SPA 280-04	4	280.0	285.5	6	3020	75	10	65	245	7	51	7	150	
SPA 315-04	4	315.0	320.5	5	3020	75	—	65	280	7	51	7	150	
SPA 355-04	4	355.0	360.5	5	3020	75	—	65	320	7	51	7	150	
SPA 400-04	4	400.0	405.5	5	3020	75	—	65	365	7	51	7	150	GGG45/ GG25
SPA 450-04	4	450.0	455.5	5	3020	75	—	65	415	7	51	7	150	
SPA 500-04	4	500.0	505.5	5	3020	75	—	65	465	7	51	7	150	
SPA 560-04	4	560.0	565.5	4	3535	90	—	65	525	12	89	12	170	
SPA 630-04	4	630.0	635.5	4	3535	90	—	65	595	12	89	12	170	
SPA 800-04	4	800.0	805.5	4	3535	90	—	65	765	12	89	12	170	GGG45/ GG25
SPA 1000-04	4	1000.0	1005.5	4	4040	100	—	65	965	18.5	102	18.5	216	

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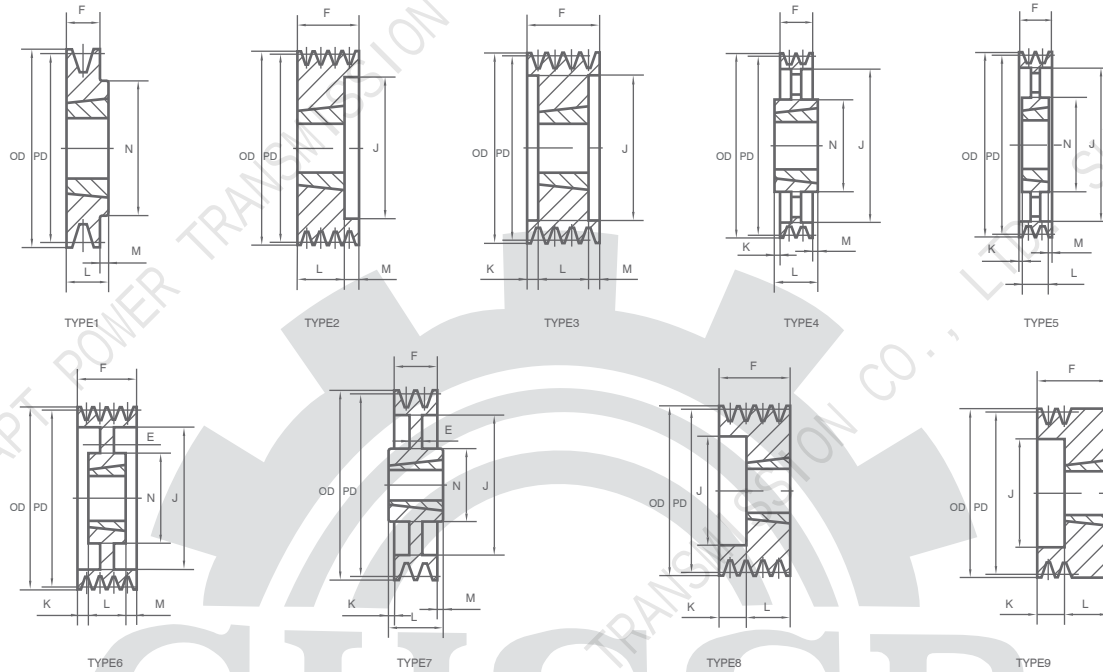
SPA-5



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPA 100-05	5	100.0	105.5	2	1615	42	—	80	70	—	38	42	—	1045
SPA 106-05	5	106.0	111.5	8	2012	50	—	80	76	48	32	—	—	
SPA 112-05	5	112.0	117.5	8	2012	50	—	80	80	48	32	—	—	
SPA 118-05	5	118.0	123.5	2	2012	50	—	80	86	—	32	48	—	
SPA 125-05	5	125.0	130.5	3	2012	50	—	80	92	24	32	24	—	
SPA 132-05	5	132.0	137.5	3	2517	60	—	80	98	17.5	45	17.5	—	1045
SPA 140-05	5	140.0	145.5	3	2517	60	—	80	106	17.5	45	17.5	—	
SPA 150-05	5	150.0	155.5	3	2517	60	—	80	116	17.5	45	17.5	—	
SPA 160-05	5	160.0	165.5	3	2517	60	—	80	126	17.5	45	17.5	—	
SPA 180-05	5	180.0	185.5	3	3020	75	—	80	146	14.5	51	14.5	—	
SPA 200-05	5	200.0	205.5	3	3020	75	—	80	165	14.5	51	14.5	—	GGG45/ GG25
SPA 224-05	5	224.0	229.5	2	3020	75	—	80	189	—	51	29	—	
SPA 250-05	5	250.0	255.5	6	3020	75	10	80	215	14.5	51	14.5	150	
SPA 280-05	5	280.0	285.5	7	3535	90	10	80	245	4.5	89	4.5	170	
SPA 315-05	5	315.0	320.5	7	3535	90	12	80	280	4.5	89	4.5	170	
SPA 355-05	5	355.0	360.5	4	3535	90	—	80	320	4.5	89	4.5	170	GGG45/ GG25
SPA 400-05	5	400.0	405.5	4	3535	90	—	80	365	4.5	89	4.5	170	
SPA 450-05	5	450.0	455.5	4	3535	90	—	80	415	4.5	89	4.5	170	
SPA 500-05	5	500.0	505.5	4	3535	90	—	80	465	4.5	89	4.5	170	
SPA 560-05	5	560.0	565.5	4	3535	90	—	80	525	4.5	89	4.5	170	
SPA 630-05	5	630.0	635.5	4	3535	90	—	80	595	4.5	89	4.5	170	GGG45/ GG25
SPA 800-05	5	800.0	805.5	4	4040	100	—	80	765	11	102	11	216	
SPA 1000-05	5	1000.0	1005.5	4	4545	110	—	80	965	17	114	17	225	

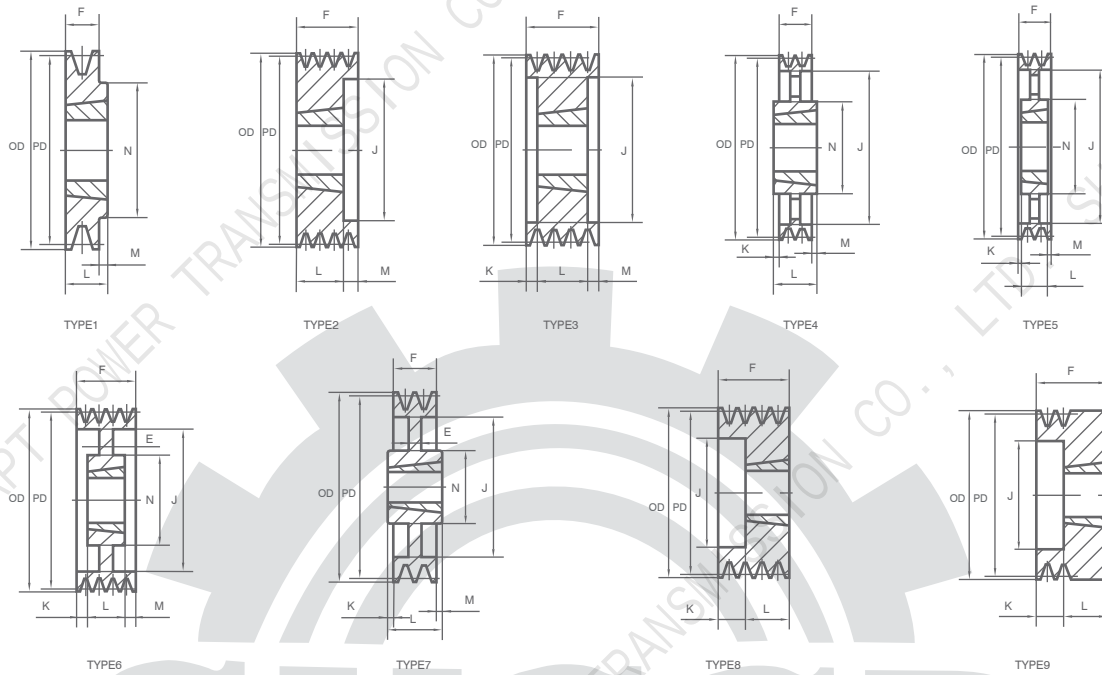
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SPA-6



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPA 100-06	6	100.0	105.5	3	1615	42	—	95	70	28.5	38	28.5	—	1045
SPA 106-06	6	106.0	111.5	8	2012	50	—	95	76	63	32	—	—	
SPA 112-06	6	112.0	117.5	8	2012	50	—	95	80	63	32	—	—	
SPA 118-06	6	118.0	123.5	8	2012	50	—	95	86	63	32	—	—	
SPA 125-06	6	125.0	130.5	3	2012	50	—	95	92	31.5	32	31.5	—	
SPA 132-06	6	132.0	137.5	3	2517	60	—	95	98	25	45	25	—	1045
SPA 140-06	6	140.0	145.5	3	2517	60	—	95	106	25	45	25	—	
SPA 150-06	6	150.0	155.5	3	2517	60	—	95	116	25	45	25	—	
SPA 160-06	6	160.0	165.5	3	2517	60	—	95	126	25	45	25	—	
SPA 180-06	6	180.0	185.5	3	3020	75	—	95	146	22	51	22	—	
SPA 200-06	6	200.0	205.5	3	3020	75	—	95	165	22	51	22	—	GGG45/ GG25
SPA 224-06	6	224.0	229.5	3	3020	75	—	95	189	22	51	22	—	
SPA 250-06	6	250.0	255.5	6	3020	75	20	95	215	22	51	22	150	
SPA 280-06	6	280.0	285.5	6	3535	90	25	95	245	3	89	3	170	
SPA 315-06	6	315.0	320.5	6	3535	90	25	95	280	3	89	3	170	
SPA 355-06	6	355.0	360.5	5	3535	90	—	95	320	3	89	3	170	GGG45/ GG25
SPA 400-06	6	400.0	405.5	5	3535	90	—	95	365	3	89	3	170	
SPA 450-06	6	450.0	455.5	5	3535	90	—	95	415	3	89	3	170	
SPA 500-06	6	500.0	505.5	5	3535	90	—	95	465	3	89	3	170	
SPA 560-06	6	560.0	565.5	5	3535	90	—	95	525	3	89	3	170	
SPA 630-06	6	630.0	635.5	4	4040	100	—	95	595	3.5	102	3.5	216	GGG45/ GG25
SPA 800-06	6	800.0	805.5	4	4040	100	—	95	765	3.5	102	3.5	216	
SPA 1000-06	6	1000.0	1005.5	4	4545	110	—	95	965	9.5	114	9.5	225	

CAPT- T_B^{aper} V-pulleys SPB-1



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPB 100-01	1	100.0	107.0	1	1610	42	—	25	—	—	25	—	—	1045
SPB 112-01	1	112.0	119.0	1	1610	42	—	25	—	—	25	—	—	
SPB 118-01	1	118.0	125.0	1	1610	42	—	25	—	—	25	—	—	
SPB 125-01	1	125.0	132.0	1	1610	42	—	25	—	—	25	—	—	
SPB 132-01	1	132.0	139.0	1	1610	42	—	25	—	—	25	—	—	
SPB 140-01	1	140.0	147.0	1	1610	42	—	25	—	—	25	—	—	1045
SPB 150-01	1	150.0	157.0	1	1610	42	—	25	—	—	25	—	—	
SPB 160-01	1	160.0	167.0	1	1610	42	—	25	—	—	25	—	—	
SPB 170-01	1	170.0	177.0	1	1610	42	—	25	—	—	25	—	—	
SPB 180-01	1	180.0	187.0	6	1610	42	10	25	137	—	25	—	80	
SPB 190-01	1	190.0	197.0	7	2012	50	10	25	147	3.5	32	3.5	100	
SPB 200-01	1	200.0	207.0	7	2012	50	10	25	157	3.5	32	3.5	100	
SPB 212-01	1	212.0	219.0	7	2012	50	10	25	169	3.5	32	3.5	100	GGG45/ GG25
SPB 224-01	1	224.0	231.0	7	2012	50	10	25	181	3.5	32	3.5	100	
SPB 236-01	1	236.0	243.0	7	2012	50	10	25	193	3.5	32	3.5	100	
SPB 250-01	1	250.0	257.0	7	2012	50	10	25	207	3.5	32	3.5	100	
SPB 280-01	1	280.0	287.0	7	2012	50	10	25	237	3.5	32	3.5	100	
SPB 315-01	1	315.0	322.0	4	2012	50	—	25	272	3.5	32	3.5	100	

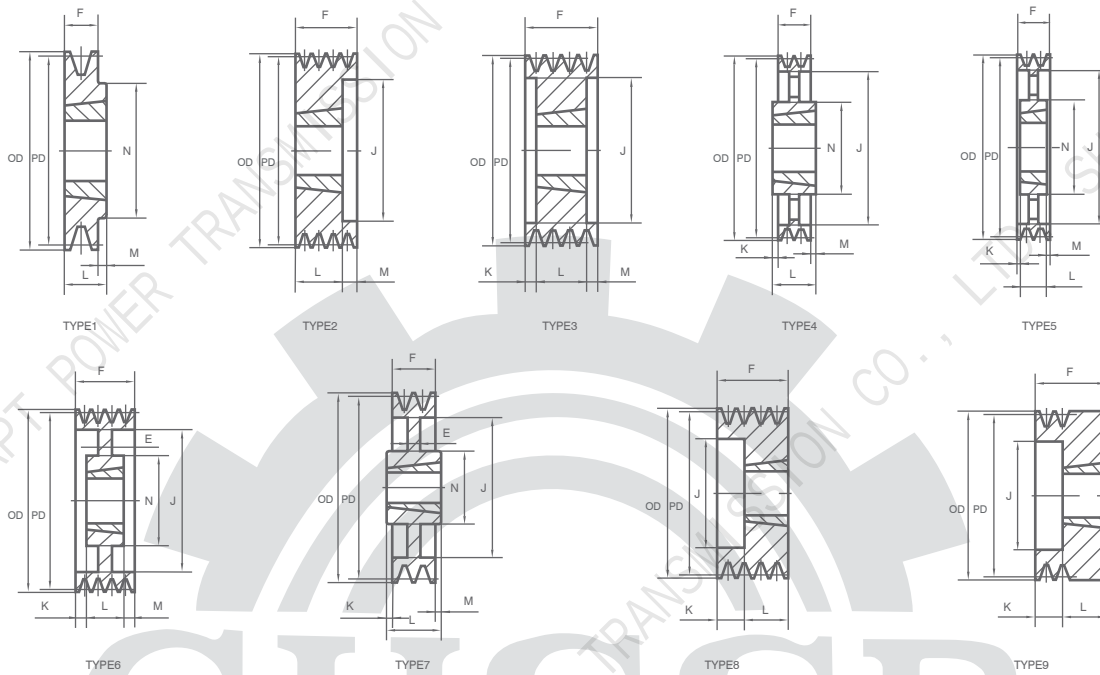
Standard bore dimensions of BTL bushings

Bushing	Stock Bores																			
	11	12	14	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50
1210	●	●	●	●	●	●	●	●	●	●	●	●	●							
1610			●	●	●	●	●	●	●	●	●	●	●	●	●	△				
2012					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2517							●	●	●	●	●	●	●	●	●	●	●	●	●	●

△ shallow keyway

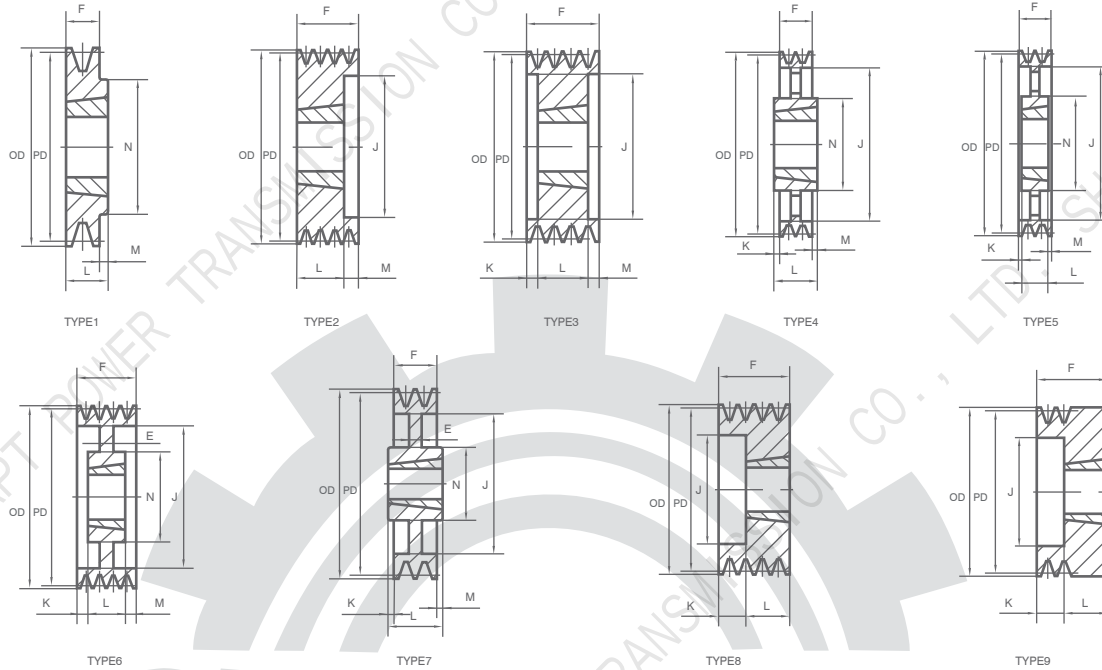
CAPT- T_B^{aper} V-pulleys

SPB-2



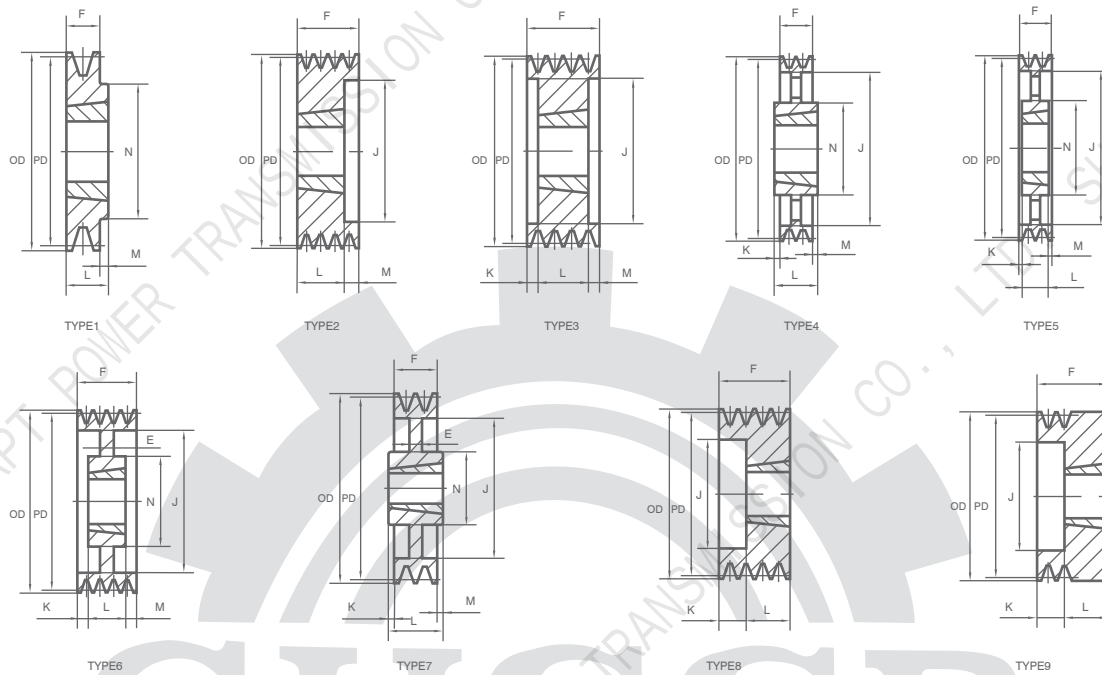
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPB 100-02	2	100.0	107.0	8	1610	42	—	44	62	—	25	19	—	1045
SPB 112-02	2	112.0	119.0	2	1610	42	—	44	72	—	25	19	—	
SPB 118-02	2	118.0	127.0	2	1610	42	—	44	78	—	25	19	—	
SPB 125-02	2	125.0	132.0	2	2012	50	—	44	82	—	32	12	—	
SPB 132-02	2	132.0	139.0	2	2012	50	—	44	89	—	32	12	—	
SPB 140-02	2	140.0	147.0	2	2012	50	—	44	97	—	32	12	—	1045
SPB 150-02	2	150.0	157.0	2	2012	50	—	44	107	—	32	12	—	
SPB 160-02	2	160.0	167.0	2	2012	50	—	44	117	—	32	12	—	
SPB 170-02	2	170.0	177.0	2	2012	50	—	44	127	—	32	12	—	
SPB 180-02	2	180.0	187.0	1	2517	60	—	44	—	—	45	1	120	
SPB 190-02	2	190.0	197.0	1	2517	60	—	44	—	—	45	1	120	GGG45/ GG25
SPB 200-02	2	200.0	207.0	1	2517	60	—	44	—	—	45	1	120	
SPB 212-02	2	212.0	219.0	7	2517	60	10	44	169	—	45	1	120	
SPB 224-02	2	224.0	231.0	7	2517	60	10	44	181	1	45	—	120	
SPB 236-02	2	236.0	243.0	7	2517	60	10	44	193	1	45	—	120	
SPB 250-02	2	250.0	257.0	7	2517	60	10	44	207	1	45	—	120	GGG45/ GG25
SPB 280-02	2	280.0	287.0	4	2517	60	—	44	237	1	45	—	120	
SPB 300-02	2	300.0	307.0	—	2517	60	—	44	257	1	45	—	120	
SPB 315-02	2	315.0	322.0	—	2517	60	—	44	272	1	45	—	120	
SPB 335-02	2	335.0	342	4	2517	60	—	44	292	1	45	—	120	
SPB 355-02	2	355.0	362.0	4	3020	75	—	44	312	3.5	51	3.5	150	GGG45/ GG25
SPB 400-02	2	400.0	407.0	4	3020	75	—	44	357	3.5	51	3.5	150	
SPB 450-02	2	450.0	457.0	4	3020	75	—	44	407	3.5	51	3.5	150	
SPB 500-02	2	500.0	507.0	4	3020	75	—	44	457	3.5	51	3.5	150	
SPB 560-02	2	560.0	567.0	4	3030	75	—	44	517	4	76	28	150	
SPB 630-02	2	630.0	637.0	4	3030	75	—	44	587	4	76	28	150	

CAPT- T_B V-pulleys **SPB-3**



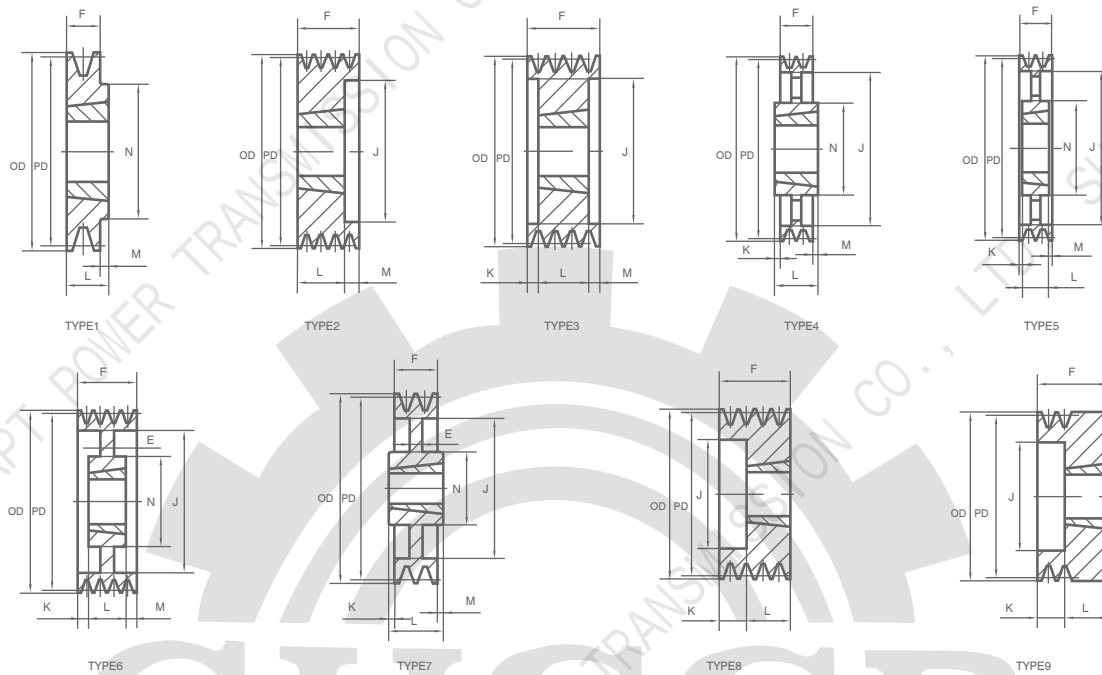
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPB 100-03	3	100.0	107.0	8	1610	42	—	63	57	—	25	38	—	1045
SPB 112-03	3	112.0	119.0	2	1610	42	—	63	72	—	25	38	—	
SPB 118-03	3	118.0	125.0	2	1610	42	—	63	78	—	25	38	—	
SPB 125-03	3	125.0	132.0	2	2012	50	—	63	82	—	32	31	—	
SPB 132-03	3	132.0	139.0	2	2012	50	—	63	89	—	32	31	—	
SPB 140-03	3	140.0	147.0	2	2012	50	—	63	97	—	32	31	—	1045
SPB 150-03	3	150.0	157.0	2	2517	60	—	63	107	—	45	18	—	
SPB 160-03	3	160.0	167.0	2	2517	60	—	63	117	—	45	18	—	
SPB 170-03	3	170.0	177.0	2	2517	60	—	63	127	—	45	18	—	
SPB 180-03	3	180.0	187.0	2	2517	60	—	63	137	—	45	18	—	
SPB 190-03	3	190.0	197.0	2	2517	60	—	63	147	—	45	18	—	GGG45/ GG25
SPB 200-03	3	200.0	207.0	2	2517	60	—	63	157	—	45	18	—	
SPB 212-03	3	212.0	219.0	6	2517	60	12	63	169	—	45	18	120	
SPB 224-03	3	224.0	231.0	6	2517	60	12	63	181	—	45	18	120	
SPB 236-03	3	236.0	243.0	6	2517	60	10	63	193	—	45	18	120	
SPB 250-03	3	250.0	257.0	6	3020	75	12	63	207	—	51	12	150	GGG45/ GG25
SPB 280-03	3	280.0	287.0	5	3020	75	—	63	237	6	51	6	150	
SPB 300-03	3	300.0	307.0	—	3020	75	—	63	257	6	51	6	150	
SPB 315-03	3	315.0	322.0	—	3020	75	—	63	272	6	51	6	150	
SPB 335-03	3	335.0	342.0	—	3020	75	—	63	292	6	51	6	150	
SPB 355-03	3	355.0	362.0	5	3020	75	—	63	312	6	51	6	150	GGG45/ GG25
SPB 400-03	3	400.0	407.0	4	3535	90	—	63	357	13	89	13	170	
SPB 450-03	3	450.0	457.0	4	3535	90	—	63	407	—	89	26	170	
SPB 500-03	3	500.0	507.0	4	3535	90	—	63	457	—	89	26	170	
SPB 560-03	3	560.0	567.0	4	3535	90	—	63	517	—	89	26	170	
SPB 630-03	3	630.0	637.0	4	3535	90	—	63	587	—	89	26	170	GGG45/ GG25
SPB 710-03	3	710.0	717.0	4	3535	90	—	63	664	4	89	22	170	
SPB 800-03	3	800.0	807.0	4	3535	90	—	63	754	4	89	22	170	
SPB 900-03	3	900.0	907.0	4	3535	90	—	63	854	4	89	22	170	
SPB 1000-03	3	1000.0	1007.0	4	4040	100	—	63	954	6	102	33	200	
SPB 1250-03	3	1250.0	1257.0	4	4040	100	—	63	1204	6	102	33	200	

CAPT- T_B^{aper} V-pulleys SPB-4



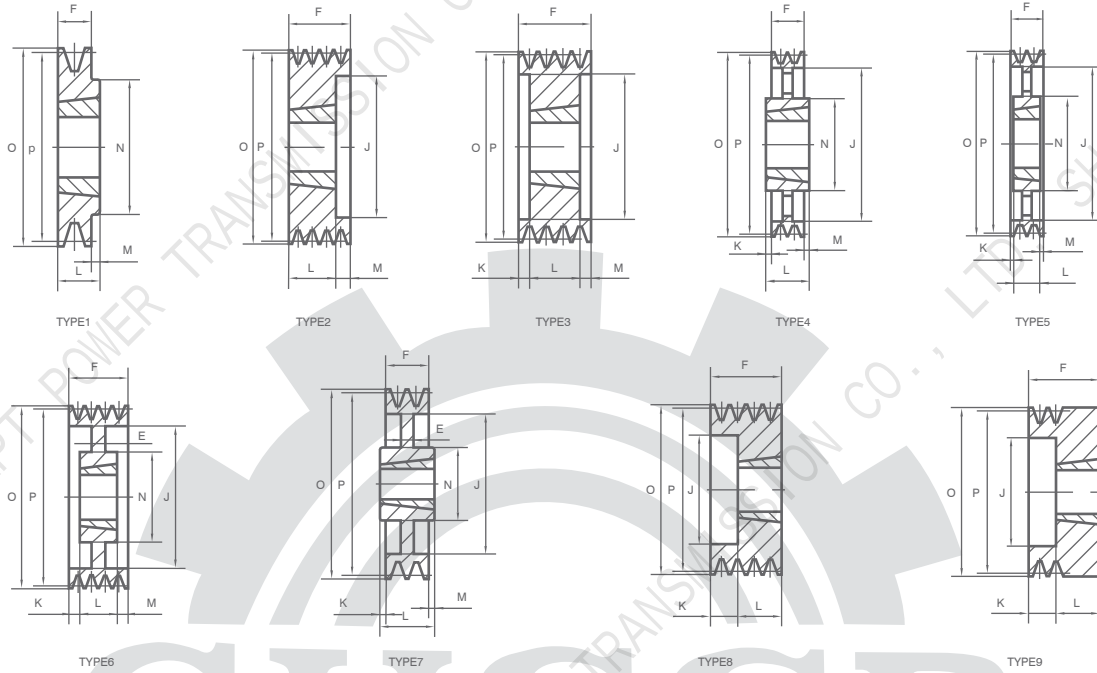
PART NO.	NO.OF GROOVES	PD	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPB 125-04	4	125.0	132.0	3	2012	50	—	82	82	25	32	25	—	1045
SPB 132-04	4	132.0	139.0	3	2012	50	—	82	89	25	32	25	—	
SPB 140-04	4	140.0	147.0	3	2517	60	—	82	97	18.5	45	18.5	—	
SPB 150-04	4	150.0	157.0	3	2517	60	—	82	107	18.5	45	18.5	—	
SPB 160-04	4	160.0	167.0	3	2517	60	—	82	117	18.5	45	18.5	—	
SPB 170-04	4	170.0	177.0	3	2517	60	—	82	127	18.5	45	18.5	—	1045
SPB 180-04	4	180.0	187.0	3	2517	60	—	82	137	18.5	45	18.5	—	
SPB 190-04	4	190.0	197.0	3	2517	60	—	82	147	18.5	45	18.5	—	
SPB 200-04	4	200.0	207.0	3	3020	75	—	82	157	15.5	51	15.5	—	
SPB 212-04	4	212.0	219.0	3	3020	75	—	82	169	15.5	51	15.5	—	GGG45/ GG25
SPB 224-04	4	224.0	231.0	3	3020	75	—	82	181	15.5	51	15.5	—	
SPB 236-04	4	236.0	243.0	3	3020	75	—	82	193	15.5	51	15.5	—	
SPB 250-04	4	250.0	257.0	6	3020	75	14	82	207	15.5	51	15.5	150	
SPB 280-04	4	280.0	287.0	6	3020	75	16	82	237	15.5	51	15.5	150	
SPB 300-04	4	300.0	307.0	6	3020	75	16	82	257	15.5	51	15.5	150	GGG45/ GG25
SPB 315-04	4	315.0	322.0	7	3535	90	16	82	272	3.5	89	3.5	170	
SPB 335-04	4	335.0	342.0	7	3535	90	16	82	292	3.5	89	3.5	170	
SPB 355-04	4	355.0	362.0	7	3535	90	16	82	312	3.5	89	3.5	170	
SPB 400-04	4	400.0	407.0	4	3535	90	—	82	357	3.5	89	3.5	170	
SPB 450-04	4	450.0	457.0	4	3535	90	—	82	407	—	89	7	170	GGG45/ GG25
SPB 500-04	4	500.0	507.0	4	3535	90	—	82	457	—	89	7	170	
SPB 560-04	4	560.0	567.0	4	3535	90	—	82	517	—	89	7	170	
SPB 630-04	4	630.0	637.0	4	3535	90	—	82	587	—	89	7	170	
SPB 710-04	4	710.0	717.0	4	3535	90	—	82	664	3.5	89	3.5	187	
SPB 800-04	4	800.0	807.0	4	4040	100	—	82	754	4	102	16	200	GGG45/ GG25
SPB 900-04	4	900.0	907.0	4	4040	100	—	82	854	4	102	16	216	
SPB 1000-04	4	1000.0	1007.0	4	4040	100	—	82	954	4	102	16	216	
SPB 1250-04	4	1250.0	1257.0	4	4545	110	—	82	1204	6	114	26	225	

CAPT- T_B^{aper} V-pulleys SPB-5



PART NO.	NO.OF GROOVES	PD	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPB 125-05	5	125.0	132.0	8	2012	50	—	101	82	69	32	—	—	1045
SPB 132-05	5	132.0	139.0	8	2517	60	—	101	89	56	45	—	—	
SPB 140-05	5	140.0	147.0	3	2517	60	—	101	97	28	45	28	—	
SPB 150-05	5	150.0	157.0	3	2517	60	—	101	107	28	45	28	—	
SPB 160-05	5	160.0	167.0	3	2517	60	—	101	117	28	45	28	—	
SPB 170-05	5	170.0	177.0	3	3020	75	—	101	127	25	51	25	—	1045
SPB 180-05	5	180.0	187.0	3	3020	75	—	101	137	25	51	25	—	
SPB 190-05	5	190.0	197.0	3	3020	75	—	101	147	25	51	25	—	
SPB 200-05	5	200.0	207.0	3	3020	75	—	101	157	25	51	25	—	
SPB 212-05	5	212.0	219.0	3	3020	75	—	101	169	25	51	25	—	GGG45/ GG25
SPB 224-05	5	224.0	231.0	3	3020	75	—	101	181	25	51	25	—	
SPB 236-05	5	236.0	243.0	3	3535	90	—	101	193	6	89	6	—	
SPB 250-05	5	250.0	257.0	3	3535	90	—	101	207	6	89	6	—	
SPB 280-05	5	280.0	287.0	6	3535	90	18	101	237	6	89	6	170	
SPB 300-05	5	300.0	307.0	6	3535	90	18	101	257	6	89	6	170	GGG45/ GG25
SPB 315-05	5	315.0	322.0	6	3535	90	18	101	272	6	89	6	170	
SPB 335-05	5	335.0	342.0	6	3535	90	16	101	292	6	89	6	170	
SPB 355-05	5	355.0	362.0	5	3535	90	—	101	312	6	89	6	170	
SPB 400-05	5	400.0	407.0	5	3535	90	—	101	357	6	89	6	170	
SPB 450-05	5	450.0	457.0	5	3535	90	—	101	407	—	89	12	170	GGG45/ GG25
SPB 500-05	5	500.0	507.0	5	3535	90	—	101	457	—	89	12	170	
SPB 560-05	5	560.0	567.0	4	4040	100	—	101	517	—	102	1	200	
SPB 630-05	5	630.0	637.0	4	4040	100	—	101	587	—	102	1	200	
SPB 710-05	5	710.0	717.0	4	4040	100	—	101	664	0.5	102	0.5	200	
SPB 800-05	5	800.0	807.0	4	4040	100	—	101	754	0.5	102	0.5	200	GGG45/ GG25
SPB 900-05	5	900.0	907.0	4	4545	110	—	101	854	6.5	114	6.5	225	
SPB 1000-05	5	1000.0	1007.0	4	4545	110	—	101	954	6.5	114	6.5	225	
SPB 1250-05	5	1250.0	1257.0	4	4545	110	—	101	1204	6.5	114	6.5	225	

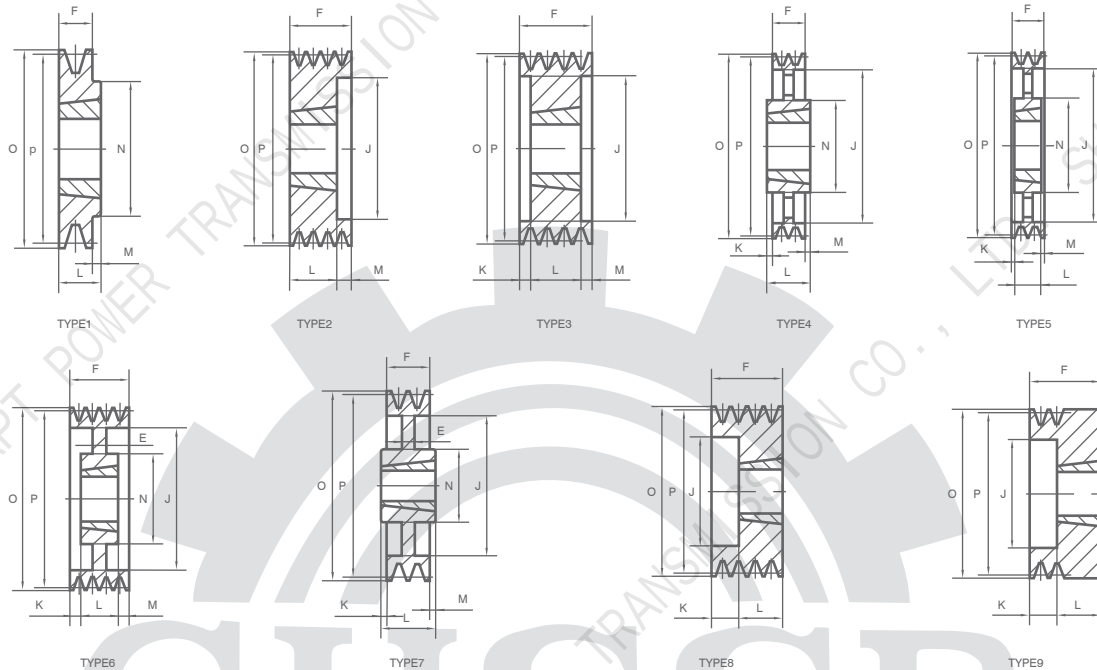
CAPT- T_B^{aper} V-pulleys SPB-6



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPB 140-06	6	140.0	147.0	3	2517	60	—	120	97	37.5	45	37.5	—	1045
SPB 150-06	6	150.0	157.0	3	2517	60	—	120	107	37.5	45	37.5	—	
SPB 160-06	6	160.0	167.0	3	3020	75	—	120	117	34.5	51	34.5	—	
SPB 170-06	6	170.0	177.0	3	3020	75	—	120	127	34.5	51	34.5	—	
SPB 180-06	6	180.0	187.0	3	3020	75	—	120	137	34.5	51	34.5	—	
SPB 190-06	6	190.0	197.0	3	3020	75	—	120	147	34.5	51	34.5	—	
SPB 200-06	6	200.0	207.0	3	3020	75	—	120	157	34.5	51	34.5	—	GGG45/ GG25
SPB 212-06	6	212.0	219.0	3	3535	90	—	120	169	15.5	89	15.5	—	
SPB 224-06	6	224.0	231.0	3	3535	90	—	120	181	15.5	89	15.5	—	
SPB 236-06	6	236.0	243.0	3	3535	90	—	120	193	15.5	89	15.5	—	
SPB 250-06	6	250.0	257.0	3	3535	90	—	120	207	15.5	89	15.5	—	
SPB 280-06	6	280.0	287.0	6	3535	90	18	120	237	15.5	89	15.5	170	GGG45/ GG25
SPB 300-06	6	300.0	307.0	6	3535	90	18	120	257	15.5	89	15.5	170	
SPB 315-06	6	315.0	322.0	6	3535	90	18	120	272	15.5	89	15.5	170	
SPB 335-06	6	335.0	342.0	6	3535	90	18	120	292	15.5	89	15.5	170	
SPB 355-06	6	355.0	362.0	6	3535	90	18	120	312	15.5	89	15.5	170	
SPB 400-06	6	400.0	407.0	5	3535	90	—	120	357	15.5	89	15.5	170	GGG45/ GG25
SPB 450-06	6	450.0	457.0	5	4040	100	—	120	407	—	102	18	200	
SPB 500-06	6	500.0	507.0	5	4040	100	—	120	457	—	102	18	200	
SPB 560-06	6	560.0	567.0	5	4040	100	—	120	517	—	102	18	200	
SPB 630-06	6	630.0	637.0	5	4040	100	—	120	587	—	102	18	200	
SPB 710-06	6	710.0	717.0	5	4040	100	—	120	664	9	102	9	216	GGG45/ GG25
SPB 800-06	6	800.0	807.0	5	4545	110	—	120	754	3	114	3	225	
SPB 900-06	6	900.0	907.0	5	4545	110	—	120	854	3	114	3	225	
SPB 1000-06	6	1000.0	1007.0	5	4545	110	—	120	954	3	114	3	225	
SPB 1250-06	6	1250.0	1257.0	4	5050	125	—	120	1204	3.5	127	3.5	245	

CAPT- T_B^{aper} V-pulleys

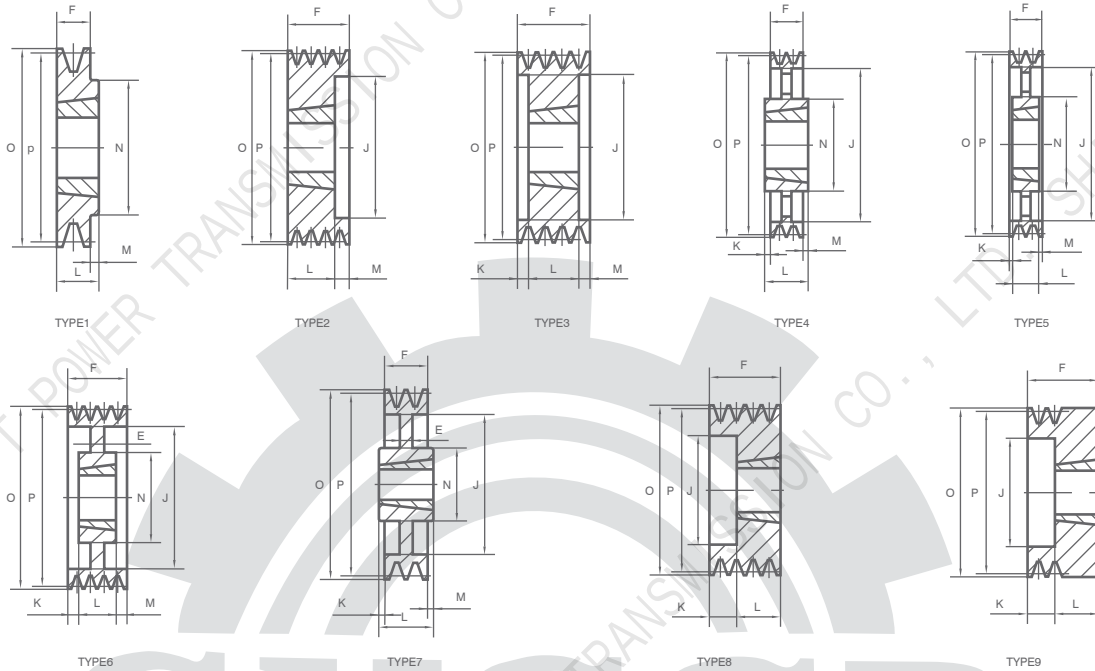
SPB-8



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPB 160-08	8	160.0	167.0	3	3020	75	—	158	117	53.5	51	53.5	—	1045
SPB 170-08	8	170.0	177.0	3	3030	75	—	158	127	41	76	41	—	
SPB 180-08	8	180.0	187.0	3	3030	75	—	158	137	41	76	41	—	
SPB 190-08	8	190.0	197.0	3	3030	75	—	158	147	41	76	41	—	
SPB 200-08	8	200.0	207.0	3	3535	90	—	158	157	34.5	89	34.5	—	
SPB 212-08	8	212.0	219.0	3	3535	90	—	158	169	34.5	89	34.5	—	GGG45/ GG25
SPB 224-08	8	224.0	231.0	3	3535	90	—	158	181	34.5	89	34.5	—	
SPB 236-08	8	236.0	243.0	3	3535	90	—	158	193	34.5	89	34.5	—	
SPB 250-08	8	250.0	257.0	3	3535	90	—	158	207	34.5	89	34.5	—	
SPB 280-08	8	280.0	287.0	6	3535	90	25	158	237	34.5	89	34.5	—	
SPB 300-08	8	300.0	307.0	6	3535	90	20	158	257	34.5	89	34.5	170	GGG45/ GG25
SPB 315-08	8	315.0	322.0	6	3535	90	18	158	272	34.5	89	34.5	170	
SPB 335-08	8	335.0	342.0	6	3535	90	18	158	292	34.5	89	34.5	170	
SPB 355-08	8	355.0	362.0	6	3535	90	18	158	312	34.5	89	34.5	170	
SPB 400-08	8	400.0	407.0	5	4040	100	—	158	357	28	102	28	200	
SPB 450-08	8	450.0	457.0	5	4040	100	—	158	407	28	102	28	200	GGG45/ GG25
SPB 500-08	8	500.0	507.0	5	4040	100	—	158	457	28	102	28	200	
SPB 560-08	8	560.0	567.0	5	4545	110	—	158	517	22	114	22	225	
SPB 630-08	8	630.0	637.0	5	4545	110	—	158	587	22	114	22	225	
SPB 710-08	8	710.0	717.0	5	4545	110	—	158	664	22	114	22	225	
SPB 800-08	8	800.0	807.0	5	4545	110	—	158	754	22	114	22	225	GGG45/ GG25
SPB 900-08	8	900.0	907.0	5	4545	110	—	158	854	22	114	22	225	
SPB 1000-08	8	1000.0	1007.0	5	5050	125	—	158	954	15.5	127	15.5	245	
SPB 1250-08	8	1250.0	1257.0	5	5050	125	—	158	1204	15.5	127	15.5	245	

CAPT- T_B^{aper} V-pulleys

SPB-10



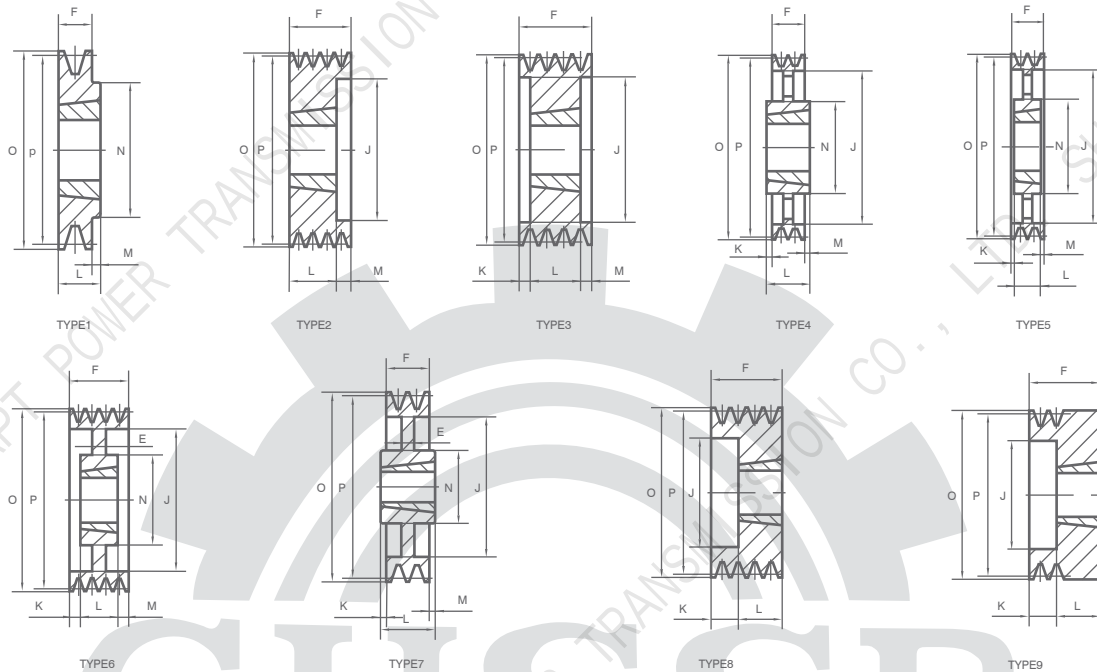
PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPB 224-10	10	224.0	231.0	3	3535	90	—	196	181	53.5	89	53.5	—	GGG45/ GG25
SPB 236-10	10	236.0	243.0	3	3535	90	—	196	193	53.5	89	53.5	—	
SPB 250-10	10	250.0	257.0	3	3535	90	—	196	207	53.5	89	53.5	—	
SPB 280-10	10	280.0	287.0	6	3535	90	30	196	237	53.5	89	53.5	170	
SPB 315-10	10	315.0	322.0	6	3535	90	18	196	272	53.5	89	53.5	170	
SPB 335-10	10	335.0	342.0	6	4040	100	20	196	292	47	102	47	200	GGG45/ GG25
SPB 355-10	10	355.0	362.0	6	4040	100	20	196	312	47	102	47	200	
SPB 400-10	10	400.0	407.0	5	4040	100	—	196	357	47	102	47	200	
SPB 450-10	10	450.0	457.0	5	4545	110	—	196	407	41	114	41	225	
SPB 500-10	10	500.0	507.0	5	4545	110	—	196	457	41	114	41	225	
SPB 560-10	10	560.0	567.0	5	4545	110	—	196	517	41	114	41	225	GGG45/ GG25
SPB 630-10	10	630.0	637.0	5	4545	110	—	196	587	41	114	41	225	
SPB 710-10	10	710.0	717.0	5	4545	110	—	196	664	41	114	41	225	
SPB 800-10	10	800.0	807.0	5	4545	110	—	196	754	41	114	41	225	
SPB 900-10	10	900.0	907.0	5	5050	125	—	196	854	34.5	127	34.5	245	
SPB 1000-10	10	1000.0	1007.0	5	5050	125	—	196	954	34.5	127	34.5	245	

Standard bore dimensions of BTL bushings

Bushing	Stock Bores																			
	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75	80	85	90	95
3030	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3535					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4040							●	●	●	●	●	●	●	●	●	●	●	●	●	●
												●	●	●	●	●	●	●	●	●
5050													●	●	●	●	●	●	●	●

CAPT- T_B^{aper} V-pulleys

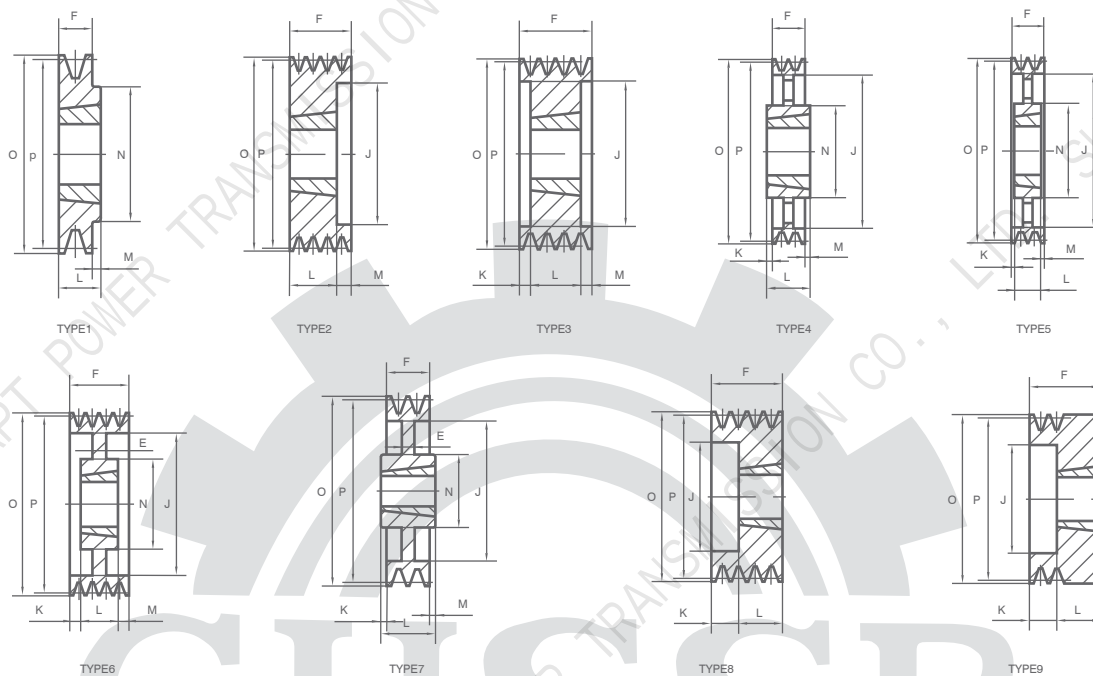
SPC-3



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPC 200-03	3	200.0	209.6	3	2517	60	—	85	150	20	45	20	—	GGG45/ GG25
SPC 212-03	3	212.0	221.6	3	3020	75	—	85	162	17	51	17	—	
SPC 224-03	3	224.0	233.6	3	3020	75	—	85	173	17	51	17	—	
SPC 236-03	3	236.0	245.6	3	3020	75	—	85	185	17	51	17	—	
SPC 250-03	3	250.0	259.6	3	3020	75	—	85	200	17	51	17	—	
SPC 265-03	3	265.0	274.6	1	3535	90	—	85	209	—	89	4	170	GGG45/ GG25
SPC 280-03	3	280.0	289.6	7	3535	90	30	85	228	0	89	4	170	
SPC 300-03	3	300.0	309.6	7	3535	90	18	85	249	2	89	2	170	
SPC 315-03	3	315.0	324.6	7	3535	90	18	85	264	2	89	2	170	
SPC 335-03	3	335.0	345.0	7	3535	90	18	85	284	2	89	2	170	
SPC 355-03	3	355.0	365.0	7	3535	90	18	85	304	2	89	2	170	GGG45/ GG25
SPC 375-03	3	375.0	384.6	4	3535	90	—	85	324	2	89	2	170	
SPC 400-03	3	400.0	409.6	4	3535	90	—	85	344	2	89	2	170	
SPC 425-03	3	425.0	434.6	4	3535	90	—	85	369	2	89	2	170	
SPC 450-03	3	450.0	459.6	4	3535	90	—	85	394	2	89	2	170	
SPC 475-03	3	475.0	484.6	4	3535	90	—	85	419	2	89	2	170	GGG45/ GG25
SPC 500-03	3	500.0	509.6	4	3535	90	—	85	444	2	89	2	170	
SPC 530-03	3	530.0	539.6	4	3535	90	—	85	474	2	89	2	170	
SPC 560-03	3	560.0	569.6	4	3535	90	—	85	504	2	89	2	170	
SPC 630-03	3	630.0	639.6	4	4040	100	—	85	574	8.5	102	8.5	200	
SPC 800-03	3	800.0	809.6	4	4545	110	—	85	737	4	114	25	225	GGG45/ GG25
SPC 1000-03	3	1000.0	1009.6	4	5050	125	—	85	937	8	127	34	245	
SPC 1250-03	3	1250.0	1259.6	4	5050	125	—	85	1187	8	127	34	245	

CAPT- T_B^{aper} V-pulleys

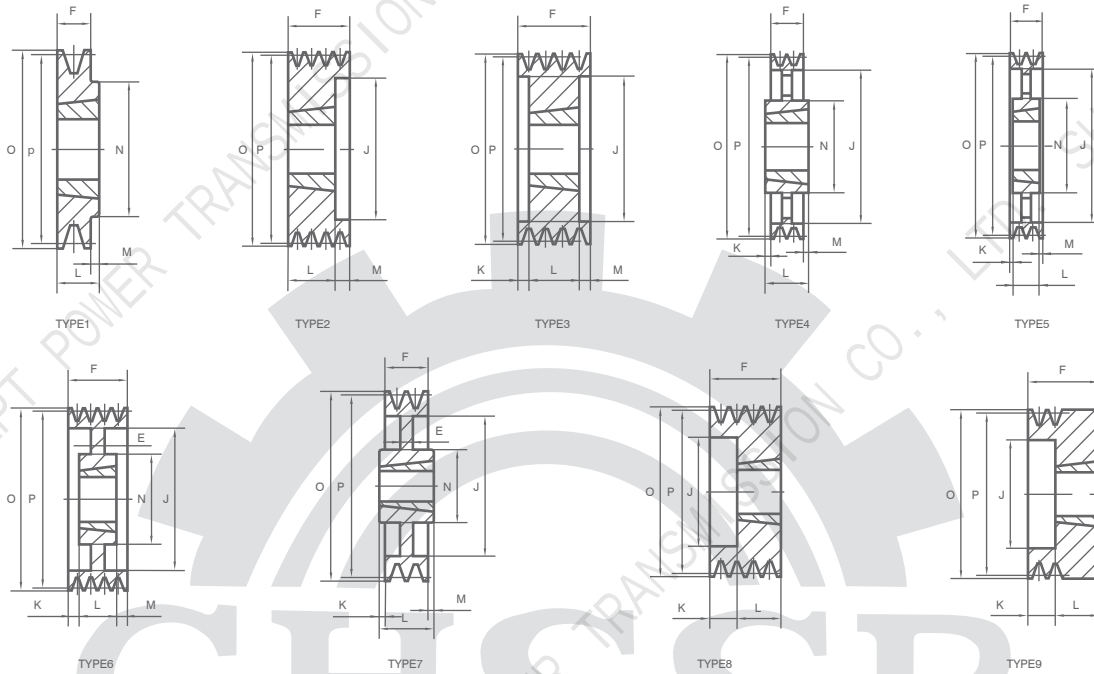
SPC-4



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPC 200-04	4	200.0	209.6	3	3020	75	—	111	144	30	51	30	—	GGG45/ GG25
SPC 212-04	4	212.0	221.6	3	3020	75	—	111	156	30	51	30	—	
SPC 224-04	4	224.0	233.6	3	3535	90	—	111	168	11	89	11	—	
SPC 236-04	4	236.0	245.6	3	3535	90	—	111	180	11	89	11	—	
SPC 250-04	4	250.0	259.6	3	3535	90	—	111	194	11	89	11	—	
SPC 265-04	4	265.0	274.6	3	3535	90	—	111	209	11	89	11	—	GGG45/ GG25
SPC 280-04	4	280.0	289.6	3	3535	90	—	111	224	11	89	11	—	
SPC 300-04	4	300.0	309.6	6	3535	90	20	111	244	11	89	11	170	
SPC 315-04	4	315.0	324.6	6	3535	90	20	111	259	11	89	11	170	
SPC 335-04	4	335.0	344.6	6	3535	90	20	111	279	11	89	11	170	
SPC 355-04	4	355.0	365.0	6	3535	90	20	111	299	11	89	11	170	GGG45/ GG25
SPC 375-04	4	375.0	384.6	5	3535	90	20	111	319	11	89	11	170	
SPC 400-04	4	400.0	409.6	5	3535	90	—	111	324	11	89	11	170	
SPC 425-04	4	425.0	434.6	5	3535	90	—	111	369	11	89	11	170	
SPC 450-04	4	450.0	459.6	5	3535	90	—	111	394	11	89	11	170	
SPC 475-04	4	475.0	484.6	5	3535	90	—	111	419	11	89	11	170	GGG45/ GG25
SPC 500-04	4	500.0	509.6	5	3535	90	—	111	444	11	89	11	170	
SPC 530-04	4	530.0	539.6	5	3535	90	—	111	474	11	89	11	170	
SPC 560-04	4	560.0	569.6	5	4040	100	—	111	504	4.5	102	4.5	200	
SPC 630-04	4	630.0	639.6	4	4545	110	—	111	574	1.5	114	1.5	225	
SPC 800-04	4	800.0	809.6	4	5050	125	—	111	737	4	127	12	245	GGG45/ GG25
SPC 1000-04	4	1000.0	1009.6	4	5050	125	—	111	937	1	127	12	245	
SPC 1250-04	4	1250.0	1259.6	4	5050	125	—	111	1187	4	127	12	245	

CAPT- T_B^{aper} V-pulleys

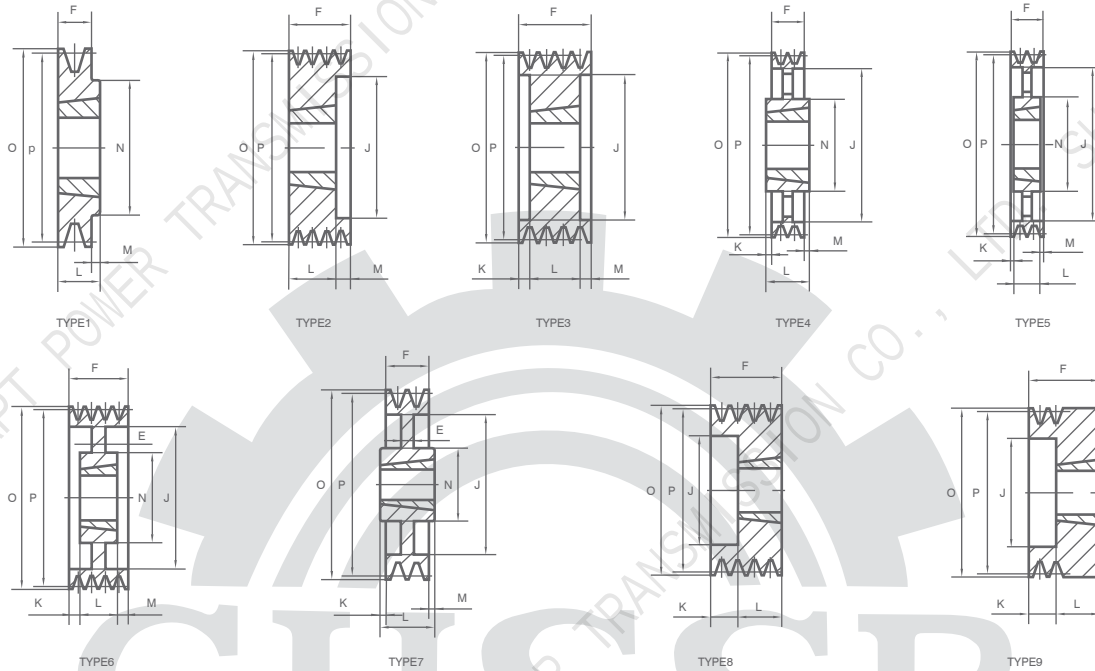
SPC-5



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPC 200-05	5	200.0	209.6	3	3535	90	—	136	150	23.5	89	23.5	—	GGG45/ GG25
SPC 212-05	5	212.0	221.6	3	3535	90	—	136	160	23.5	89	23.5	—	
SPC 224-05	5	224.0	233.6	3	3535	90	—	136	173	23.5	89	23.5	—	
SPC 236-05	5	236.0	245.6	3	3535	90	—	136	185	23.5	89	23.5	—	
SPC 250-05	5	250.0	259.6	3	3535	90	—	136	198	23.5	89	23.5	—	
SPC 265-05	5	265.0	274.6	3	3535	90	—	136	213	23.5	89	23.5	—	GGG45/ GG25
SPC 280-05	5	280.0	289.6	3	3535	90	—	136	228	23.5	89	23.5	—	
SPC 300-05	5	300.0	309.6	6	3535	90	20	136	247	23.5	89	23.5	170	
SPC 315-05	5	315.0	324.6	6	3535	90	20	136	264	23.5	89	23.5	170	
SPC 335-05	5	335.0	344.6	6	3535	90	20	136	280	23.5	89	23.5	170	
SPC 355-05	5	355.0	364.6	6	3535	90	20	136	304	23.5	89	23.5	170	GGG45/ GG25
SPC 375-05	5	375.0	384.6	6	3535	90	20	136	324	23.5	89	23.5	170	
SPC 400-05	5	400.0	409.6	5	3535	90	—	136	344	23.5	89	23.5	170	
SPC 425-05	5	425.0	434.6	5	4040	100	—	136	369	17	102	17	200	
SPC 450-05	5	450.0	459.6	5	4040	100	—	136	394	17	102	17	200	
SPC 475-05	5	475.0	484.6	5	4040	100	—	136	419	17	102	17	200	GGG45/ GG25
SPC 500-05	5	500.0	509.6	5	4040	100	—	136	444	17	102	14	200	
SPC 530-05	5	530.0	539.6	5	4040	100	—	136	474	17	102	17	200	
SPC 560-05	5	560.0	569.6	5	4545	110	—	136	504	11	114	11	225	
SPC 630-05	5	630.0	639.6	5	5050	125	—	136	574	4.5	127	4.5	245	
SPC 710-05	5	710.0	719.6	5	5050	125	—	136	654	4.5	127	4.5	245	GGG45/ GG25
SPC 800-05	5	800.0	809.6	5	5050	125	—	136	737	4.5	127	4.5	245	
SPC 1000-05	5	1000.0	1009.6	5	5050	125	—	136	937	4.5	127	4.5	245	
SPC 1250-05	5	1250.0	1259.6	5	5050	125	—	136	1187	4.5	127	4.5	245	

CAPT- T_B^{aper} V-pulleys

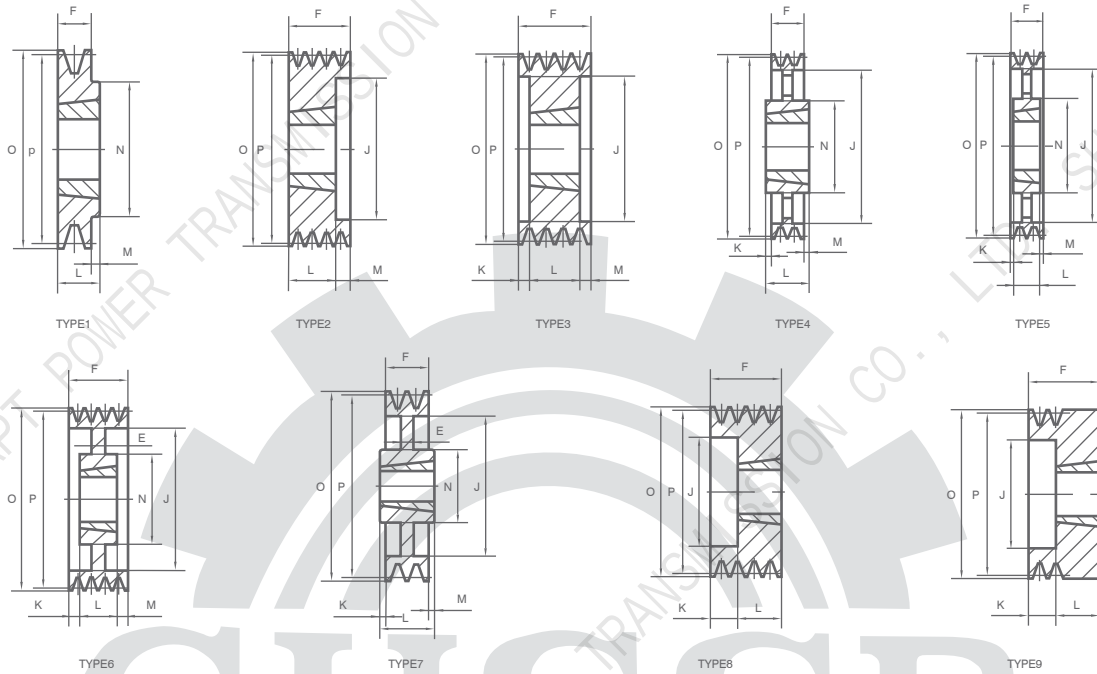
SPC-6



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPC 200-06	6	200.0	209.6	3	3535	90	—	162	148	36.5	89	36.5	—	GGG45/ GG25
SPC 212-06	6	212.0	221.6	3	3535	90	—	162	160	36.5	89	36.5	—	
SPC 224-06	6	224.0	233.6	3	3535	90	—	162	173	36.5	89	36.5	—	
SPC 236-06	6	236.0	245.6	3	3535	90	—	162	185	36.5	89	36.5	—	
SPC 250-06	6	250.0	259.6	3	3535	90	—	162	198	36.5	89	36.5	—	
SPC 265-06	6	265.0	274.6	3	3535	90	—	162	213	36.5	89	36.5	—	GGG45/ GG25
SPC 280-06	6	280.0	289.6	3	3535	90	—	162	228	36.5	89	36.5	—	
SPC 300-06	6	300.0	309.6	6	3535	90	20	162	247	36.5	89	36.5	170	
SPC 315-06	6	315.0	324.6	6	3535	90	20	162	264	36.5	89	36.5	170	
SPC 335-06	6	335.0	344.6	6	3535	90	20	162	280	36.5	89	36.5	170	
SPC 355-06	6	355.0	364.6	6	3535	90	20	162	304	36.5	89	36.5	170	GGG45/ GG25
SPC 375-06	6	375.0	384.6	6	4040	100	20	162	324	30	102	30	200	
SPC 400-06	6	400.0	409.6	6	4040	100	20	162	348	30	102	30	200	
SPC 425-06	6	425.0	434.6	6	4545	110	30	162	369	24	114	24	225	
SPC 450-06	6	450.0	459.6	6	4545	110	30	162	394	24	114	24	225	
SPC 475-06	6	475.0	484.6	6	4545	110	30	162	419	24	114	24	225	GGG45/ GG25
SPC 500-06	6	500.0	509.6	5	4545	110	30	162	444	24	114	24	225	
SPC 530-06	6	530.0	539.6	5	4545	110	30	162	474	24	114	24	225	
SPC 560-06	6	560.0	569.6	5	5050	125	—	162	504	17.5	127	17.5	245	
SPC 630-06	6	630.0	639.6	5	5050	125	—	162	574	17.5	127	17.5	245	
SPC 710-06	6	710.0	719.6	5	5050	125	—	162	656	17.5	127	17.5	245	GGG45/ GG25
SPC 800-06	6	800.0	809.6	5	5050	125	—	162	737	17.5	127	17.5	245	
SPC 1000-06	6	1000.0	1009.6	5	5050	125	—	162	937	17.5	127	17.5	245	
SPC 1250-06	6	1250.0	1259.6	5	5050	125	—	162	1187	17.5	127	17.5	245	

CAPT- T_B^{aper} V-pulleys

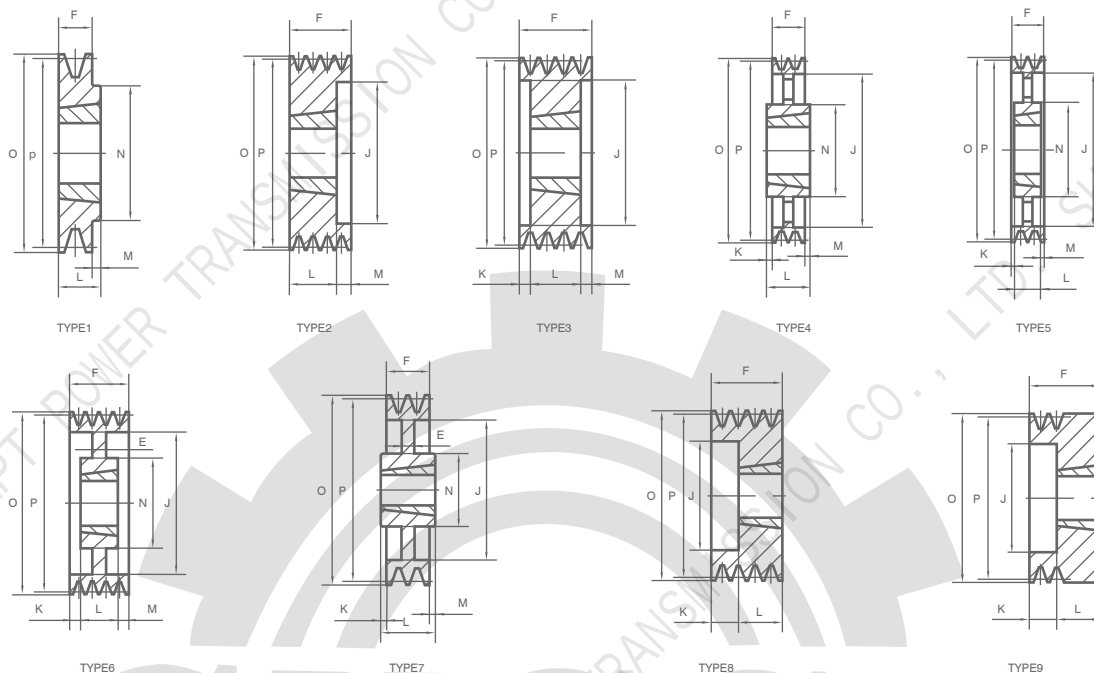
SPC-8



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPC 200-08	8	200.0	209.6	3	3535	90	—	213	148	62	89	62	—	GGG45/ GG25
SPC 212-08	8	212.0	221.6	3	3535	90	—	213	160	62	89	62	—	
SPC 224-08	8	224.0	233.6	3	3535	90	—	213	170	62	89	62	—	
SPC 236-08	8	236.0	245.6	3	3535	90	—	213	184	62	89	62	—	
SPC 250-08	8	250.0	259.6	3	3535	90	—	213	198	62	89	62	—	
SPC 265-08	8	265.0	274.6	3	3535	90	—	213	213	62	89	62	—	
SPC 280-08	8	280.0	289.6	3	3535	90	—	213	228	62	89	62	—	GGG45/ GG25
SPC 300-08	8	300.0	309.6	3	4040	100	—	213	247	55.5	102	55.5	—	
SPC 315-08	8	315.0	324.6	3	4040	100	—	213	258	55.5	102	55.5	—	
SPC 335-08	8	335.0	344.6	6	4040	100	—	213	280	55.5	102	55.5	—	
SPC 355-08	8	355.0	364.6	3	4040	100	—	213	304	55.5	102	55.5	—	
SPC 375-08	8	375.0	384.6	3	4545	110	—	213	324	49.5	114	49.5	—	GGG45/ GG25
SPC 400-08	8	400.0	409.6	6	4545	110	20	213	348	49.5	114	49.5	220	
SPC 425-08	8	425.0	434.6	6	5050	125	30	213	369	43	127	43	245	
SPC 450-08	8	450.0	459.6	6	5050	125	30	213	394	43	127	43	245	
SPC 475-08	8	475.0	484.6	6	5050	125	30	213	419	43	127	43	245	
SPC 500-08	8	500.0	509.6	6	5050	125	30	213	444	43	127	43	245	GGG45/ GG25
SPC 530-08	8	530.0	539.6	6	5050	125	30	213	474	43	127	43	245	
SPC 560-08	8	560.0	569.6	5	5050	125	—	213	504	43	127	43	245	
SPC 630-08	8	630.0	639.6	5	5050	125	—	213	574	43	127	43	245	
SPC 710-08	8	710.0	719.6	5	5050	125	—	213	656	43	127	43	245	
SPC 800-08	8	800.0	809.6	5	5050	125	—	213	737	43	127	43	245	GGG45/ GG25
SPC 1000-08	8	1000.0	1009.6	5	5050	125	—	213	937	43	127	43	245	
SPC 1250-08	8	1250.0	1259.6	5	5050	125	—	213	1187	43	127	43	245	

CAPT- T_B^{aper} V-pulleys

SPC-10



PART NO.	NO.OF GROOVES	P.D	O.D	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	MATERIAL
SPC 250-10	10	250.0	259.6	3	4040	100	—	264	196	81	102	84	—	GGG45/ GG25
SPC 280-10	10	280.0	289.6	3	4040	100	—	264	226	81	102	81	—	
SPC 300-10	10	300.0	309.6	3	4545	110	—	264	245	75	114	75	—	
SPC 315-10	10	315.0	324.6	3	4545	110	—	264	258	75	114	75	—	
SPC 355-10	10	355.0	364.6	3	4545	110	—	264	299	75	114	75	—	
SPC 400-10	10	400.0	409.6	3	5050	125	—	264	342	68.5	127	68.5	—	GGG45/ GG25
SPC 450-10	10	450.0	459.6	6	5050	125	40	264	394	68.5	127	68.5	245	
SPC 500-10	10	500.0	509.6	6	5050	125	40	264	444	68.5	127	68.5	245	
SPC 560-10	10	560.0	569.6	5	5050	125	—	264	504	68.5	127	68.5	245	
SPC 630-10	10	630.0	639.6	5	5050	125	—	264	574	68.5	127	68.5	245	
SPC 710-10	10	710.0	719.6	5	5050	125	—	264	656	68.5	127	68.5	245	GGG45/ GG25
SPC 800-10	10	800.0	809.6	5	5050	125	—	264	737	68.5	127	68.5	245	
SPC 1000-10	10	1000.0	1009.6	5	5050	125	—	264	937	68.5	127	68.5	245	
SPC 1250-10	10	1250.0	1259.6	5	5050	125	—	264	1187	68.5	127	68.5	245	

NOMENCLATURE FOR TAPER-BUSH V-BELT PULLEY

SPB 250-06

GROOVE

PITCH DIAMETER

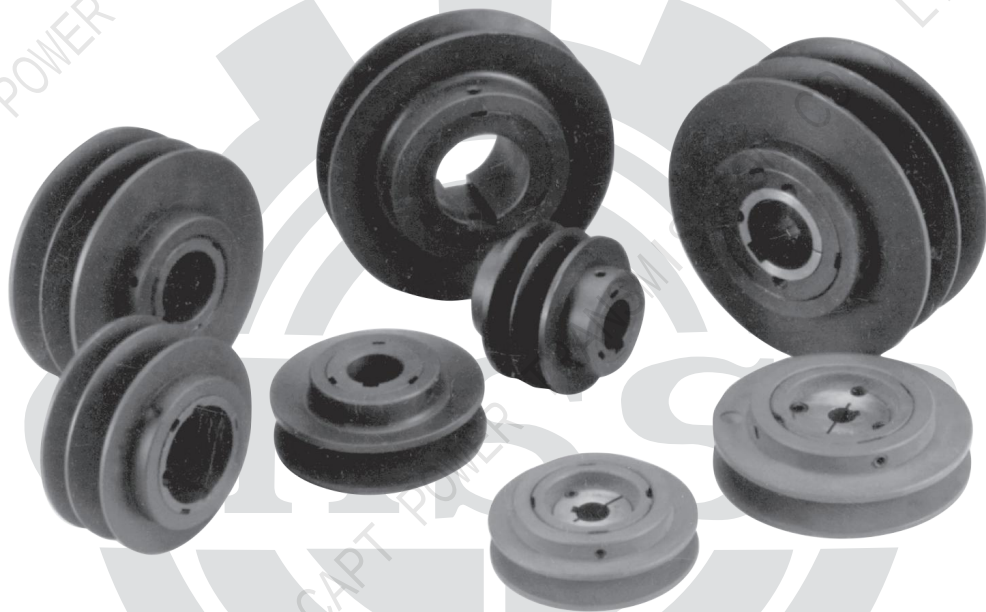
GROOVE PROFILE

CAPT-A^{adjustable}S_{peed} V-pulleys **BTL**



1045 Steel Range of Adjustable Speed V-Pulleys

CAPT Adjustable Speed V-Pulleys are V-Pulleys with multi-usage and adjustable speeds, which are available in standard straight and taper bores.

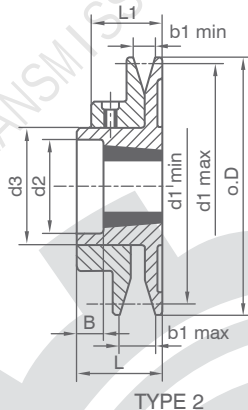
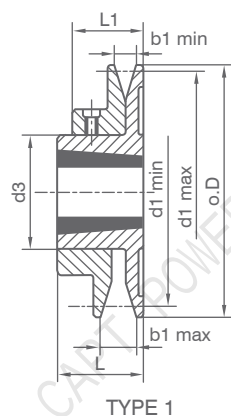


CAPT adjustable Speed V-pulleys are made of 1045 premium structural steel, high strength, high speed, safety and environmental protection. Through high-precision CNC machining, dynamic balancing and surface treatment to achieve high-precision and high-efficiency transmission.



CAPT-A_s ^{djustable} _{peed} **V-pulleys** **BTL**

1045 Steel Range of Adjustable Speed V-Pulleys

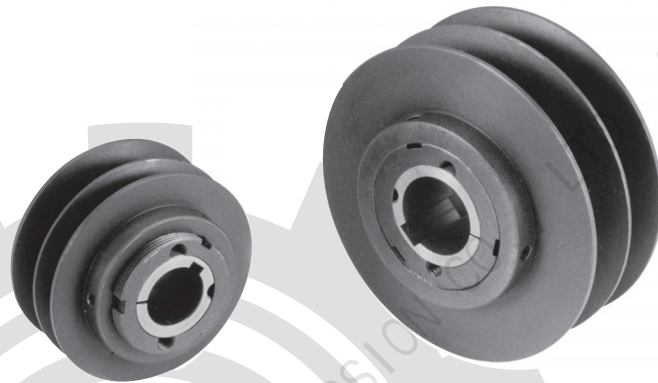
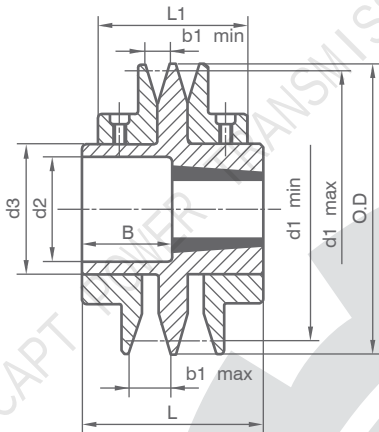


TB-1

PART NO.	TYPE	BUSH	O.D	L	L1	dmax	b1		dr		set screws	B	d2	d3		MATERIAL
							min	max	min	max						
TB093-1	2	1108	93	36.5	29	28	13	20.5	60 63	78 85	M6×6	13.5	39	50	Z 10×6 A 13×8	1045
TB108-1	1	1215	108	38	30.5	32	13	20.5	75 78 80 83	92 100 92 100	M6×6	—	—	60	Z 10×6 A 13×8 SPZ SPA	1045
TB120-1	1	1215	120	38	30.5	32	13	20.5	87 90 92 95	104 112 104 112	M6×6	—	—	60	Z 10×6 A 13×8 SPZ SPA	1045
TB138-1	1	1615	138	38	30.5	42	13	20.5	105 108 110 113	122 130 122 130	M6×6	—	—	75	Z 10×6 A 13×8 SPZ SPA	1045
TB160-1	2	1615	160	45	35.5	42	17	26.5	117 120 122 128	138 150 138 150	M8×8	6.5	58	75	A 13×8 B 17×11 SPA SPB	1045
TB180-1	2	2012	180	45	35.5	50	17	26.5	137 140 142 148	158 170 158 170	M8×8	12.5	71	90	A 13×8 B 17×11 SPA SPB	1045
TB200-1	2	2012	200	45	35.5	50	17	26.5	157 160 162 168	177 190 177 190	M8×8	12.5	71	90	A 13×8 B 17×11 SPA SPB	1045

CAPT-A^{djustable}_speed V-pulleys **BTL**

1045 Steel Range of Adjustable Speed V-Pulleys

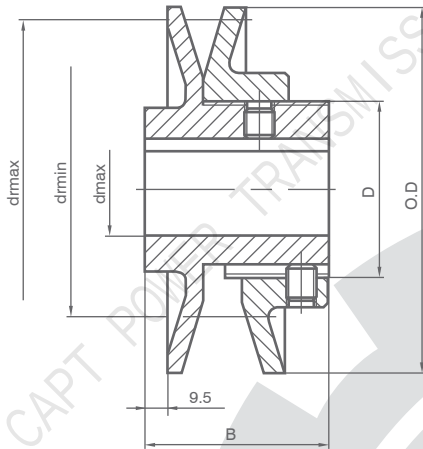


TB-2

PART NO.	BUSH	O.D	L	L1	dmax	b1		dr		set screws	B	d2	d3		MATERIAL
						min	max	min	max						
TB108-2	1215	108	73	58	32	13	20.5	75 78 80 83	92 100 92 100	M6×6	34.5	48.5	60	Z 10×6 A 13×8 SPZ SPA	1045
TB120-2	1215	120	73	58	32	13	20.5	87 90 92 95	104 112 104 112	M6×6	34.5	48.5	60	Z 10×6 A 13×8 SPZ SPA	1045
TB138-2	1615	138	73	58	42	13	20.5	105 108 110 113	122 130 122 130	M6×6	34.5	58.5	75	Z 10×6 A 13×8 SPZ SPA	1045
TB160-2	1615	160	87	68	42	17	26.5	117 120 122 128	138 150 138 150	M8×8	48.5	58.5	75	A 13×8 B 17×11 SPA SPB	1045
TB180-2	2012	180	87	68	50	17	26.5	137 140 142 148	158 170 158 170	M8×8	54	71	90	A 13×8 B 17×11 SPA SPB	1045
TB200-2	2012	200	87	68	50	17	26.5	157 160 162 168	177 190 177 190	M8×8	54	71	90	A 13×8 B 17×11 SPA SPB	1045

CAPT-A^{djustable}_speed V-pulleys **SB-1**

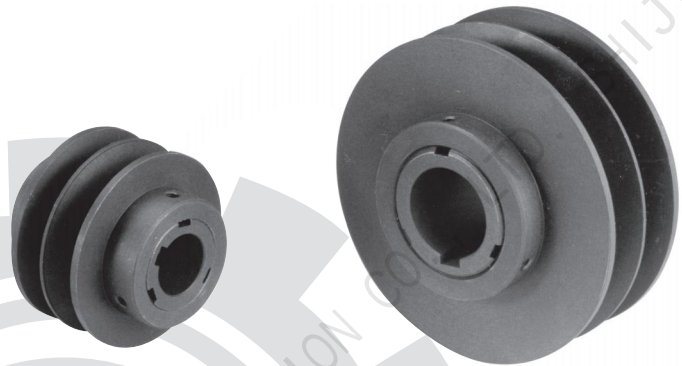
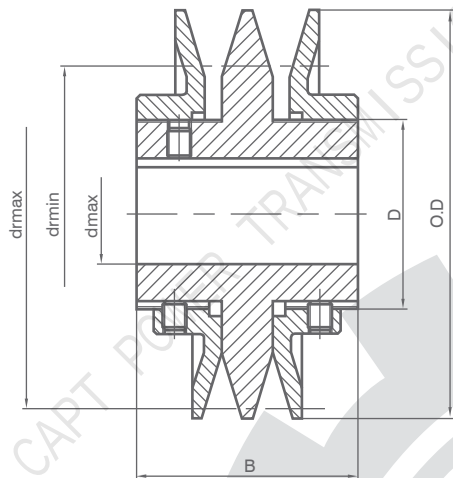
1045 Steel Range of Straight Bore Adjustable Speed V-Pulleys



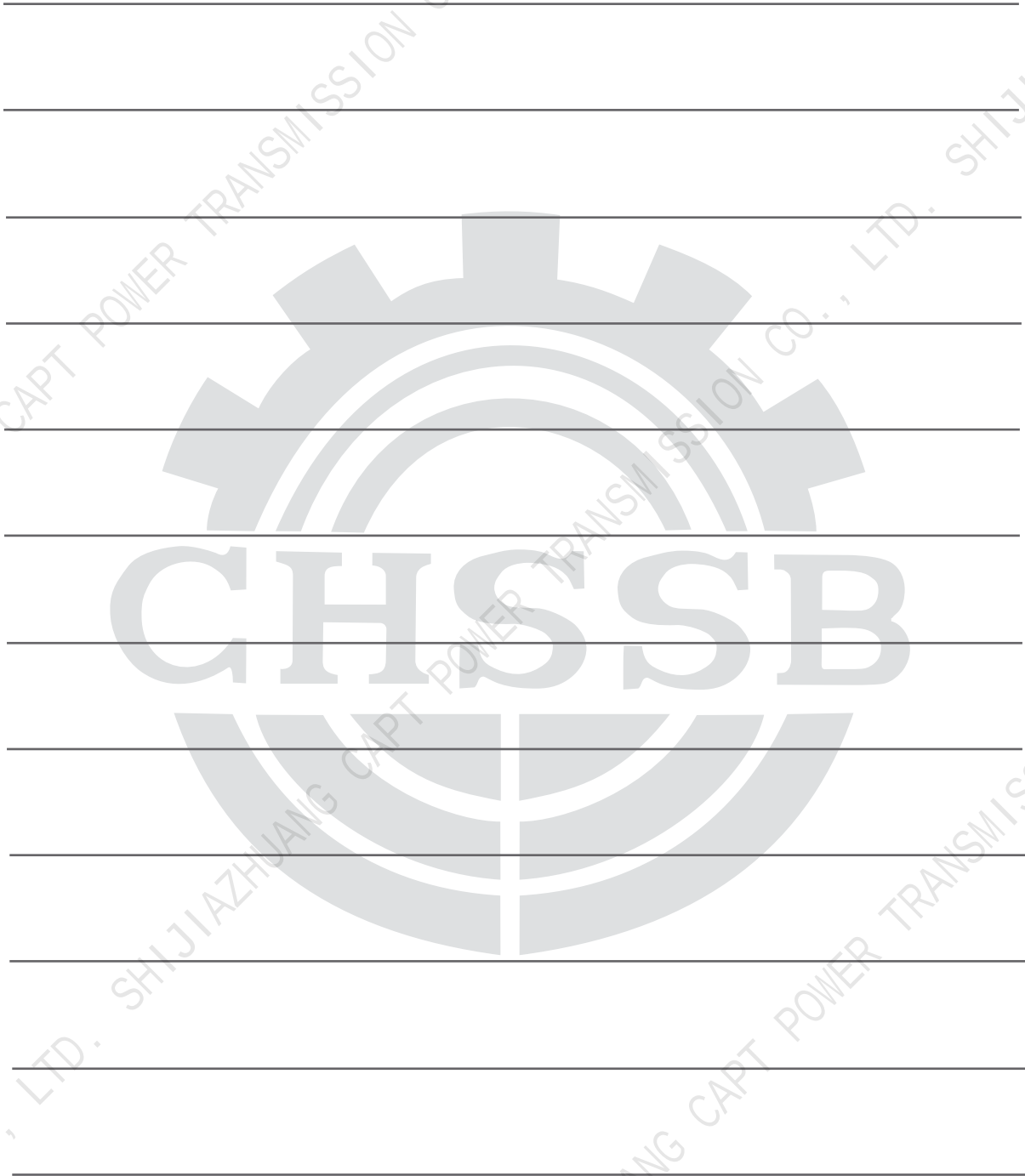
PART NO.	O.D	D	Bore dmax	B	set screws	dr			kg	MATERIAL
						min	max			
SB083-1	83	40	26	48	M6 x 6	58	72	SPZ	0.90	1045
						53	72	Z 10 x 6		
SB093-1	93	45	28	48	M6 x 6	65	78	SPZ	1.03	1045
						68	85	SPA		
						60	78	Z 10 x 6		
						63	85	A 13 x 8		
SB108-1	108	50	28	48	M6 x 6	80	93	SPZ	1.65	1045
						83	100	SPA		
						75	93	Z 10 x 6		
						78	100	A 13 x 8		
SB120-1	120	55	28	48	M6 x 6	92	104	SPZ	1.75	1045
						95	112	SPA		
						87	104	Z 10 x 6		
						90	112	A 13 x 8		
SB138-1	138	55	38	48	M6 x 6	110	122	SPZ	2.60	1045
						113	130	SPA		
						119	131	SPB		
						115	122	Z 10 x 6		
						108	130	A 13 x 8		
						111	128	B 17 x 11		
SB160-1	160	80	52	53	M8 x 8	119	133	SPZ	4.50	1045
						122	140	SPA		
						128	150	SPB		
						113	133	Z 10 x 6		
						117	138	A 13 x 8		
						120	150	B 17 x 11		
SB180-1	180	80	52	53	M8 x 8	142	160	SPA	5.40	1045
						148	170	SPB		
						137	158	A 13 x 8		
						140	170	B 17 x 11		

CAPT-A^{djustable}_speed V-pulleys **SB-2**

1045 Steel Range of Straight Bore Adjustable Speed V-Pulleys



PART NO.	O.D	D	Bore dmax	B	set screws	dr			kg	MATERIAL
						min	max			
SB083-2	83	40	26	76	M6 x 6	58	72	SPZ	1.50	1045
						53	72	Z 10 x 6		
SB093-2	93	45	28	76	M6 x 6	65	78	SPZ	1.75	1045
						68	85	SPA		
						60	78	Z 10 x 6		
						63	85	A 13 x 8		
SB108-2	108	50	28	76	M6 x 6	80	93	SPZ	2..15	1045
						83	100	SPA		
						75	93	Z 10 x 6		
						78	100	A 13 x 8		
SB120-2	120	55	28	76	M6 x 6	92	104	SPZ	2.70	1045
						95	112	SPA		
						87	104	Z 10 x 6		
						90	112	A 13 x 8		
SB138-2	138	55	38	76	M6 x 6	110	122	SPZ	4.50	1045
						113	130	SPA		
						119	131	SPB		
						115	122	Z 10 x 6		
						108	130	A 13 x 8		
						111	128	B 17 x 11		
SB160-2	160	80	52	90	M8 x 8	119	133	SPZ	7.50	1045
						122	140	SPA		
						128	150	SPB		
						113	133	Z 10 x 6		
						117	138	A 13 x 8		
						120	150	B 17 x 11		
SB180-2	180	80	52	90	M8 x 8	142	160	SPA	9.20	1045
						148	170	SPB		
						137	158	A 13 x 8		
						140	170	B 17 x 11		



2027 Calendar

January

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

March

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

April

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

June

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

July

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

August

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

September

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

October

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

November

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

December

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

2028 Calendar

January

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

February

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29				

March

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

September

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

November

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

December

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					