



Specialised Air Motors and Transmission

Factory 19 / 5 Lyn Parade PRESTONS NSW 2170

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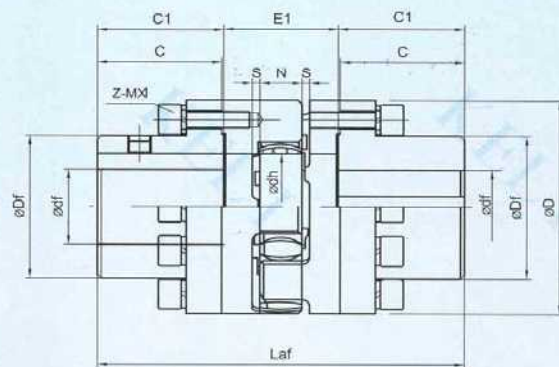
POWER TRANSMISSION



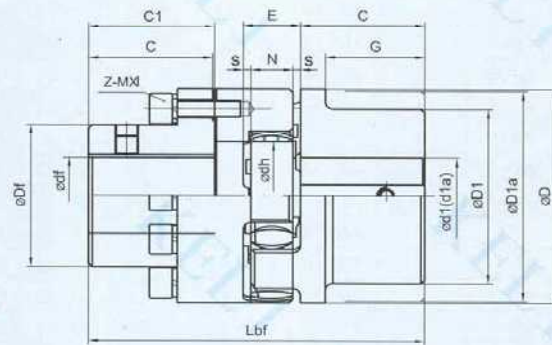
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PF COUPLING



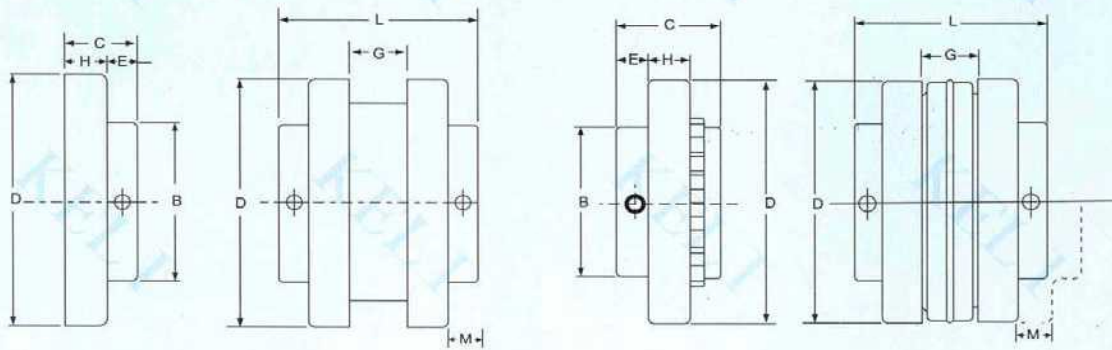
PF-AF



PF-BF

Size	D	Df	df max	D1	d1 max	D1a	d1a max	dh	C	C1	E	E1	N	S	Laf	Lbf	Z	MXI
24	55	36	24	40	24	55	28	27	30	31.0	18	33	14	2	94	86	8	M5×16
28	65	42	28	48	28	65	38	30	35	36.0	20	39	15	2.5	110	100	8	M6×20
38	80	52	38	66	38	78	45	38	45	46.0	24	43	18	3	134	124	8	M8×22
42	95	62	42	75	42	94	55	46	50	51.0	26	48	20	3	150	138	12	M8×25
48	105	70	48	85	48	104	60	51	56	57.0	28	50	21	3.5	164	152	12	M8×25
55	120	80	55	98	55	118	70	60	65	66.5	30	60	22	4	192	176	8	M10×30
65	135	94	65	115	65	135	80	68	75	76.5	35	65	26	4.5	217	201	12	M10×30
75	160	108	75	135	75	160	95	80	85	87.0	40	75	30	5	248	229	15	M12×40
90	200	142	100	160	90	200	110	100	100	102.0	45	82	34	5.5	285	265	15	M16×40

FLEX-COUPLING

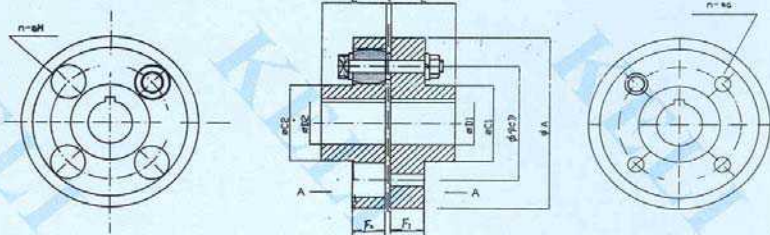


Type J

Type S

Size	Type	C	D	E	G	B	L	H	M	Bore
3J	J	20.64	52.38	11.14	9.52	38.10	50.80	9.50	14.29	9H8
4J	J	22.23	62.48	11.13	15.88	41.30	60.34	11.10	19.05	12H8
5J	J	26.99	82.55	11.91	19.05	47.63	73.03	15.08	24.61	12H8
5S	S	34.13	82.55	11.50	19.05	47.63	72.21	15.08	24.61	12H8
6J-1	J	30.96	101.60	15.08	22.23	49.21	84.15	15.08	27.78	15H8
6J-2	J	30.96	101.60	15.08	22.23	63.50	84.15	15.88	27.78	15H8
6S-1	S	41.27	101.60	14.29	22.23	63.50	90.49	19.84	27.78	15H8
6S-2	J	33.34	101.60	13.50	22.23	63.50	88.91	19.84	27.78	15H8
6S-3	J	39.69	101.60	19.84	22.23	71.44	101.60	19.84	27.78	15H8
7S	S	46.83	117.48	17.46	25.40	71.44	100.00	19.84	33.34	16H8
8S-1	S	53.20	138.43	19.05	28.58	82.55	112.71	23.02	38.10	18H8
8S-2	J	49.20	138.43	26.18	28.58	82.55	127.00	23.02	38.10	18H8
9S-1	S	61.12	161.29	19.84	36.51	92.08	128.57	26.19	44.45	22H8
9S-2	J	57.94	161.29	31.75	36.51	104.78	152.39	26.19	44.45	22H8
10S-1	S	67.47	190.50	20.64	41.28	111.13	144.44	30.94	50.80	28H8
10S-2	J	68.28	190.50	37.34	41.28	120.65	177.84	30.94	50.80	28H8
11S-1	S	87.30	219.08	28.58	47.75	95.25	181.11	38.10	60.45	30H8
11S-2	S	87.30	219.08	28.58	47.75	123.83	181.11	38.10	60.45	30H8
11S-3	S	87.30	219.08	28.58	47.75	133.35	181.11	38.10	60.45	30H8
11S-4	S	77.79	219.08	39.69	47.75	142.88	203.33	38.10	60.45	30H8
12S-1	S	101.60	254.00	32.54	58.67	95.25	209.51	42.88	68.32	38H8
12S-2	S	101.60	254.00	32.54	58.67	123.83	209.51	42.88	68.32	38H8
12S-3	S	101.60	254.00	32.54	58.67	146.05	209.51	42.88	68.32	38H8
13S-1	S	111.13	298.45	33.32	68.32	123.83	234.96	50.00	77.72	50H8
13S-2	S	111.13	298.45	33.32	68.32	171.45	234.96	50.00	77.72	50H8
14S-1	S	114.30	352.42	27.00	82.55	123.83	250.85	57.15	88.90	50H8
14S-2	S	114.30	352.42	27.00	82.55	190.50	250.85	57.15	88.90	50H8

FCL COUPLING



Item P/N (metric)	ΦA	Prepared hole diameter	L	ΦC1	ΦC2	F1	F2	n	Φa	ΦM	t	Bolt Dimension	Element	Maximum Bore (D1)	Maximum Bore (D2)
FCL 76	76	6	27	33.5	33.5	11.0	11.0	3	8	18	3	M8X46	F0	15	15
FCL 90	90	6	28	35.5	35.5	14.0	14.0	4	8	19	3	M8X50	F1	20	20
FCL 100	100	6	35.5	42.5	42.5	16.0	16.0	4	10	23	3	M10X56	F2	25	25
FCL 112	112	9	40	50	50	16.0	16.0	4	10	23	3	M10X56	F2	28	28
FCL 125	125	9	45	56	50	18.0	18.0	4	14	32	3	M12X64	F3	32	28
FCL 130	130	9	45	61	55	18.0	18.0	4	14	32	3	M12X64	F3	32	30
FCL 140	140	9	50	71	63	18.0	18.0	6	14	32	3	M12X64	F3	38	35
FCL 150	150	12	55	75	70	18.0	18.0	8	14	32	3	M12X64	F3	40	40
FCL 160	160	12	56	80	80	18.0	18.0	8	14	32	3	M12X64	F3	45	45
FCL 165	165	12	60	83	83	18.0	18.0	8	14	32	3	M12X64	F3	45	45
FCL 180	180	12	63	90	90	18.0	18.0	8	14	32	3	M12X64	F3	50	50
FCL 200	200	18	71	100	100	22.4	22.4	8	20	41	4	M20X85	F4	56	56
FCL 224	224	18	80	112	112	22.4	22.4	8	20	41	4	M20X85	F4	63	63
FCL 235	235	18	85	117	117	22.4	22.4	8	20	41	4	M20X85	F4	65	65
FCL 250	250	20	90	125	125	28.0	28.0	8	25	51	4	M24X100	F5	71	71
FCL 280	280	30	100	140	140	28.0	40.0	8	28	57	4	M24X116	F6	80	80
FCL 300	300	30	110	155	155	28.0	40.0	8	28	57	4	M24X116	F6	85	85
FCL 315	315	30	112	160	160	28.0	40.0	10	28	57	4	M24M116	F6	90	90
FCL 355	355	30	125	180	180	35.5	56.0	8	35.5	72	5	M30X150	F7	100	100
FCL 380	380	42	125	190	190	35.5	56.0	10	35.5	72	5	M30X150	F7	105	105
FCL 400	400	48	125	200	200	35.5	56.0	10	35.5	72	5	M30X150	F7	110	110
FCL 420	420	50	130	210	210	35.5	56.0	10	35.5	72	5	M30X150	F7	115	115
FCL 430	430	55	132	213	213	35.5	56.0	12	35.5	72	5	M30X150	F7	120	120
FCL 450	450	58	140	224	224	35.5	56.0	12	35.5	72	5	M30X150	F7	125	125

1. COUPLING TO BE PILOT BORE
2. COUPLINGS TO BE FINISHED IN BLACK PHOSPHATE
3. MATERIAL OF COUPLING: GG25
4. BOLT AND FLANGE MATERIAL IS C45
5. NUT MATERIAL : C45

JAW COUPLING

POWER RATINGS (KW) -NBR Material

额定功率 (千瓦) -丁晴橡胶材料

Speed (rev/min) 速度 (转/分)	COUPLING SIZE/联轴器规格									
	050	070	075	090	095	100	110	150	190	225
100	0.037	0.06	0.12	0.20	0.27	0.58	1.10	1.56	2.09	2.93
720	0.26	0.43	0.90	1.44	1.95	4.18	7.94	11.23	15.07	21.09
960	0.35	0.58	1.20	1.93	2.59	5.58	10.59	14.98	20.09	28.13
1440	0.53	0.87	1.80	2.89	3.89	8.36	15.88	22.46	30.14	42.20
2880	1.05	1.73	3.61	5.78	7.78	16.73	31.77	44.93	60.28	84.40
3600	1.32	2.17	4.51	7.22	9.73	20.91	39.71	56.16	75.35	105.5
Nominal Torque(Nm) 公称扭矩 (牛顿米)	3.51	5.77	11.9	19.2	25.8	55.4	105	150	200	280

Type 类型	Max Misalignment 最大不对准度		Power Factor 功率因数
	Ang/角度°	Par./平行(mm)	
NBR 丁晴橡胶	1	0.38	1
Urethane 聚氨酯	1	0.38	1.5
Hytrel 杜邦	1/2	0.38	3
Bronze 铜	1/2	0.25	3

SERVICE FACTORS/工作特性系数

Driven Load 从动负荷	Prime Mover 原动机
	Electric Motor 电动机
Uniform Load 均匀负荷	1.0
Moderate Shock 中等负荷	1.5
Heavy Shock 强力冲击	2.0

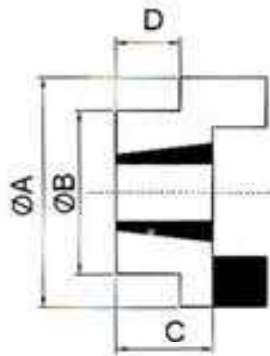
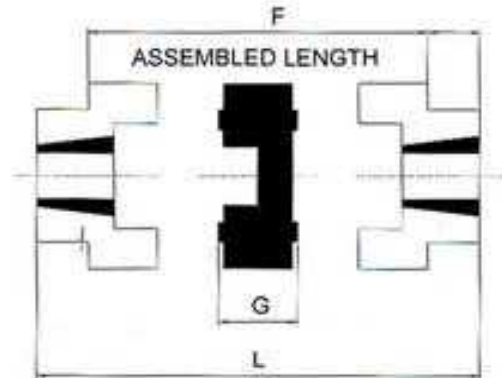
For speeds other than those listed use the normal torque rating from the(Power Rating table below)

$$\text{Required Torque(Nm)} = \frac{\text{Design Power(Kw)} \times 9555}{\text{rev/min}}$$

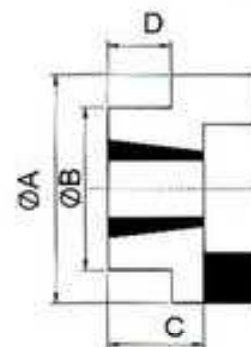
对不同于表中数据的速度，用以下额定功率表的公称额定扭矩

$$\text{所求扭矩(Nm)} = \frac{\text{设计功率(Kw)} \times 9555}{\text{转/分}}$$

JAW TAPER COUPLING



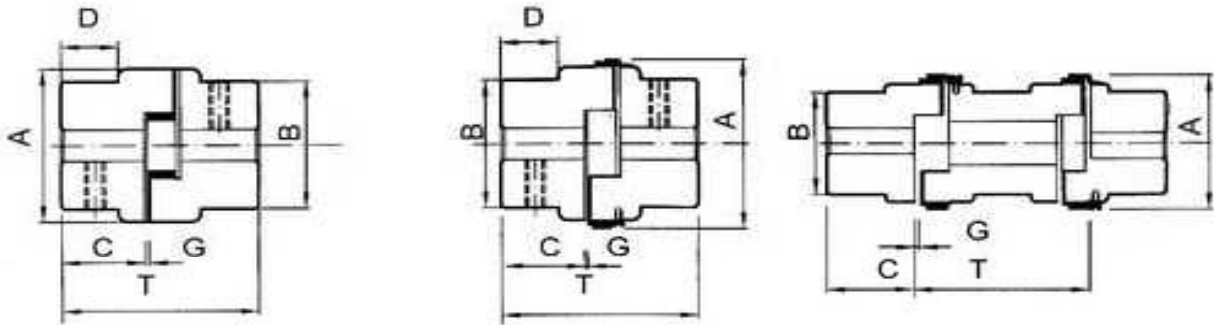
F HUB



H HUB

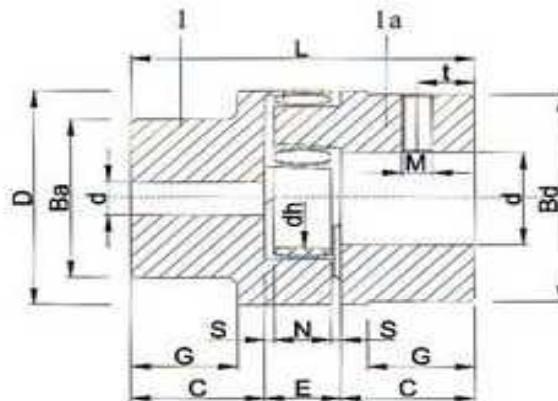
Size	Bush			ØA	ØB	G	D	C	L
	Size	Max.Bore							
		mm	Inch						
L095	1008	25	1	54	54	13		22.5	57
L100	1108	28	1 1/8	65	65	18		22.5	64
L110	1210	32	1 1/4	85	85	22		25.5	74
L150	1210	32	1 1/4	96	96	25		25.5	77
L190	1610	42	1 5/8	115	102	25	6.5	25.5	77
L225	2012	50	2	127	108	25	13	32	90
L226	2012	50	2	137	115	38	16	32	103
L276	2517	60	2 1/2	157	124	40	16	45	130
L280	2517	60	2 1/2	192	124	40	26	45	130
L295	3020	75	3	237	159	48	26	51	150
L2955	3020	75	3	237	159	48	26	51	150
L300	3020	75	3	254	180	53	26	51	155
L350	3525	100	4	305	200	53	40	65	183
L350	3535	90	3 1/2	305	200	53	64	89	231

JAW SPACER COUPLING



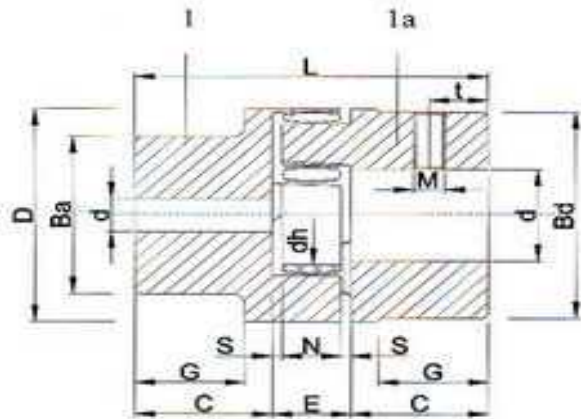
Coupling Type	Size	Rated Torque Nm	Kw Capacity			Bore		A		C	B	Gap G	D	Overall Length T(SW/L)
			100 rpm	1500 rpm	3000 rpm	Min.	Max.	SW/RRS	L					
L	035	0.38	0.004	0.06	0.12	3	9	-	16	6.5	16	1	-	20.5
	050	2.08	0.03	0.45	0.9	6	16	-	28	15.6	28	1	-	43
	070	4.9	0.05	0.75	1.5	9	20	-	35	19	35	2	-	52
	075	9.8	0.1	1.5	3	9	22	-	45	21	45	2	-	56
	090	15.6	0.15	2.64	4.72	9	25	-	54	21	54	2	-	56
L SW RRS	095	21.1	0.22	3.3	6.6	10	28	65	54	25.5	54	2	-	65
	099	35.1	0.37	5.55	11.1	10	30	78	65	27	64.5	2	-	73
	100	46.4	0.49	7.35	14.7	10	38	78	65	35	64.5	2	-	89
	110	89	0.93	13.95	27.9	15	42	96	85	43	85	3	-	109
	150	141	1.49	22.35	44.7	15	48	111	96	45	96	3	-	116
	190	190	2.01	30.15	60.3	20	60	129	115	54	101.6	3	35	133
	225	265	2.76	41.4	82.8	20	65	142	127	64	108	3	45	154
	226	317	3.43	51.45	102.9	25	70	153	137	70	119	3	54	178
L SW	276	527	5.6	84	168	25	75	173	157	80	127	3	61	200
	280	782	8.2	123	246	30	80	208	192	80	140	3	61	200
	295	1279	13.4	2.1	-	30	95	253	237	95	162	3	70	238
	2955	2132	22.4	336	-	30	105	253	237	108	180	3	83	264
	300	3047	31.9	478.5	-	30	105	272	254	115	180	3	90	283
	350	4308	45	675	-	30	115	323	305	128	200	3	103	309

PF COUPLING



PF COUPLINGS Cast iron(GG25)/弹性联轴器 铸铁 (HT250)

SIZE 规格	Component 部件	Spider(part2) Rated torque(Nm) 弹性体(部件)额定力矩(Nm)			Std bore 标准孔	Finish bore 成品孔	L	C	E	N	S	D	dh	Ba;Bd	G	Finish bore 成品孔	
		92 Sh A	98 Sh A	64 Sh D	(d)	(d)min-max										φ	t
19/24	1	10	17	21	6	6-16	66	25	16	12	2	40	18	32	20	M5	10
	6				6-24	40								-			
24/32	1	35	60	75	9	9-24	78	30	18	14	2	55	27	40	24	M5	10
	9				9-32	55								-			
28/38	1	95	160	200	10	10-28	90	35	20	15	2.5	65	30	48	28	M8	15
	10				10-38	65								-			
38/45	1	190	325	405	12	12-38	114	45	24	18	3	80	38	66	37	M8	15
	12				12-45	78								-			
42/55	1	265	450	560	12	12-42	126	50	26	20	3	95	46	75	40	M8	20
	12				12-55	94								-			
48/60	1	310	525	655	12	12-48	140	56	28	21	3.5	105	51	85	45	M8	20
	12				12-60	104								-			
55/70	1	410	685	825	15	15-55	160	65	30	22	4	120	60	98	52	M10	20
	15				15-70	118								-			
65/75	1	625	940	1175	15	15-65	185	75	35	26	4.5	135	68	115	61	M10	20
	15				15-75	133								-			
75/90	1	1280	1920	2400	15	15-75	210	85	40	30	5	160	80	135	69	M10	25
	15				15-90	158								-			
90/100	1	2400	3600	4500	38	38-90	245	100	45	34	5.5	200	100	160	81	M12	25
	38				38-100	180								-			



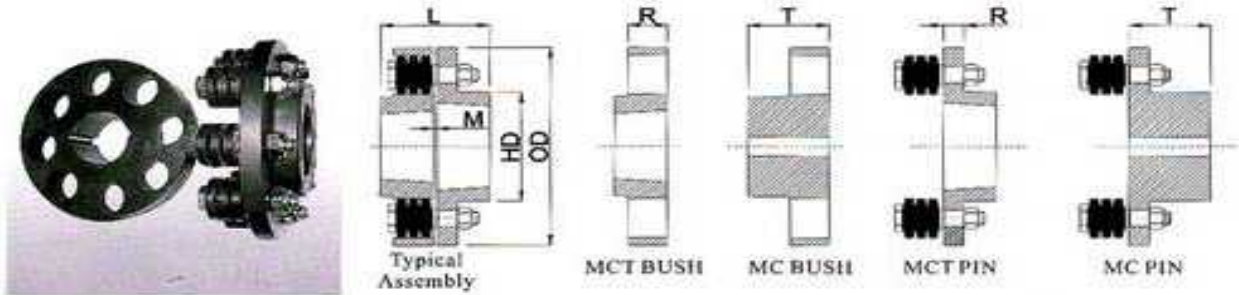
PFA COUPLINGS ALUMINIUM DIECAST (BS2024)
弹性联轴器 铝合金 (BS2024)

SIZE 规格	Component 部件	Spider(part2) Rated torque(Nm) 弹性体(部件2)额定力矩(Nm)			Std bore 标准孔	Finish bore 成品孔	L	C	E	N	S	D	dh	Ba;Bd	G	Finish bore 成品孔	
		92 Sh A	98 Sh A	64 Sh D	(d)	(d)min-max										M	t
19/24	1	10	17	-	6	6-19	66	25	16	12	2	41	18	32	20	M5	10
	6				6-24	41											
24/32	1	35	60	-	9	9-24	78	30	18	14	2	56	27	40	24	M5	10
	9				9-28	56											
28/38	1	95	160	-	10	10-28	90	35	20	15	2.5	67	30	48	28	M8	15
	10				10-38	67								-			
38/45	1	190	325	-	12	12-38	114	45	24	18	3	80	38	66	37	M8	15
	12				12-45	78								-			

PFS COUPLINGS STEEL (C45)
弹性联轴器 钢 (C45)

SIZE 规格	Component 部件	Spider(part2) Rated torque(Nm) 弹性体(部件2)额定力矩(Nm)			Std bore 标准孔	Finish bore 成品孔	L	C	E	N	S	D	dh	Ba;Bd	G	Finish bore 成品孔	
		92 Sh A	98 Sh A	64 Sh D	(d)	(d)min-max										M	t
19/24	1a	10	17	21	6	6-25	66	25	16	12	2	40	18	40	-	M5	10
24/32	1a	35	60	75	9	9-35	78	30	18	14	2	55	27	55	-	M5	10
28/38	1a	95	160	200	10	10-40	90	35	20	15	2.5	65	30	65	-	M8	15
38/45	1	190	325	405	12	12-48	114	45	24	18	3	80	38	70	37	M8	15
42/55	1	265	450	560	12	12-55	126	50	26	20	3	95	46	85	40	M8	20
48/60	1	310	525	655	12	12-62	140	56	28	21	3.5	105	51	95	45	M8	20
55/70	1	410	685	825	15	15-72	160	65	30	22	4	120	60	110	52	M10	20
65/75	1	625	940	1175	15	15-80	185	75	35	26	4.5	135	68	115	61	M10	20
75/90	1	1280	1920	2400	15	15-95	210	85	40	30	5	160	80	135	69	M10	25
90/100	1	2400	3600	4500	38	38-110	245	100	45	34	5.5	200	100	160	81	M12	25

MC/MCT COUPLING



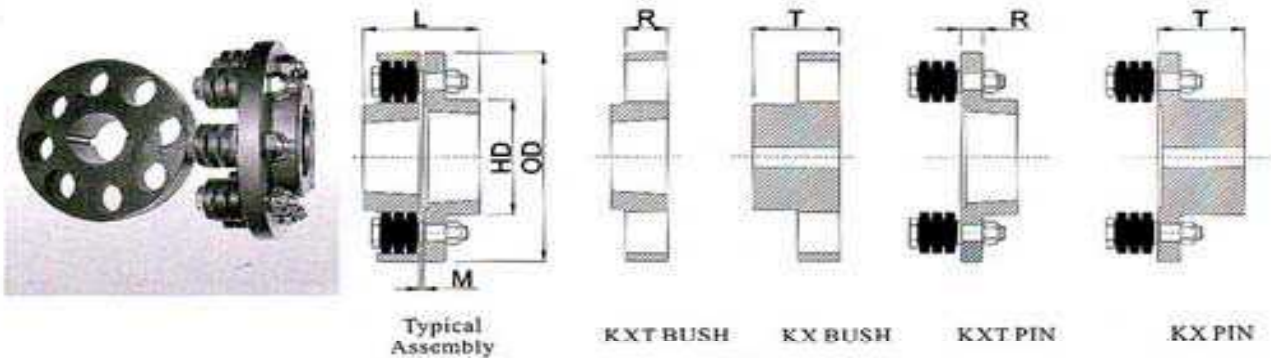
MC SERIES WITH PILOT BORE

SIZE	max bore (mm)		OD (mm) OD-outside dimension	ID (mm) hub diameter		L (mm) length	M (mm) M-gap	R-flange length		T-length through bore	Spares Number of pin (pcs)	Spares pin size
	pin half	bush half		pin half	bush half			pin half	bush half			
MC020	28	20	89	38	33	72	6	12	23	33	6	M8
MC030	38	32	127	64	51	88	6	12	26	41	4	M10
MC038	42	38	132	70	64	102	6	12	26	48	6	M10
MC042	48	42	146	82	70	118	6	12	26	56	8	M10
MC048	55	48	171	90	82	128	6	17	33	61	6	M12
MC058	65	58	193	106	97	142	6	17	33	68	8	M12
MC070	80	70	216	128	117	159	7	17	33	76	10	M12
MC075	85	75	254	142	127	183	7	30	56	88	8	M20
MC085	90	85	279	162	147	207	7	30	56	100	10	M20
MC105	115	105	330	200	180	241	7	30	56	117	12	M20
MC120	130	120	370	232	206	271	7	46	76	132	10	M24
MC135	135	135	419	240	230	301	7	46	76	147	12	M24
MC150	150	150	457	260	256	337	7	46	76	165	14	M24

MCT SERIES WITH TAPER BUSHING

SIZE	bush no max bore		OD (mm) OD-outside dimension	ID (mm) hub diameter		L (mm) length	M (mm) M-gap	R-flange length		Spares Number of pin (pcs)	Spares pin size	T-length through bore	
	pin half	bush half		pin half	bush half			pin half	bush half			pin half	bush half
MCT042	1610-42	1215-32	146	82	78	69	6	12	26	8	M10	25	38
MCT048	2012-50	1615-42	171	90	82	76	6	17	33	6	M12	32	38
MCT058	2517-65	2012-50	193	106	—	83	6	17	33	8	M12	44	33
MCT070	3020-75	2517-65	216	128	117	102	7	17	33	10	M12	51	44
MCT085	3535-90	3030-75	279	162	148	172	7	30	56	10	M20	89	76
MCT105	4040-100	3535-90	330	200	180	198	7	30	56	12	M20	102	89
MCT120	4040-100	4040-100	370	232	206	211	7	46	76	10	M24	102	102
MCT135	4545-110	4545-110	419	240	230	235	7	46	76	12	M24	114	114
MCT150	5050-125	5050-125	457	260	256	261	7	46	76	14	M24	127	127

KX/KXT COUPLING



KX SERIES WITH PILOT BORE

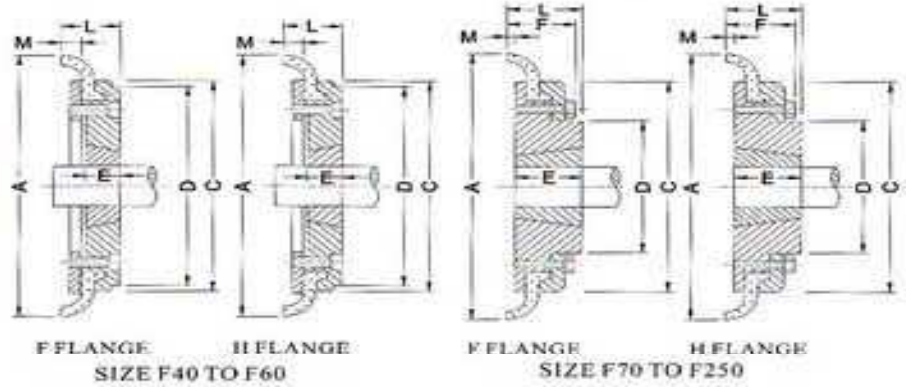
SIZE	max bore (mm)		OD (mm) OD-outside dimension	HD (mm) hub diameter		L (mm) length	M (mm) M-gap	R-flange length		T-length through bore	Spares Number of pin (pcs)	Spares pin size
	pin half	bush half		pin half	bush half			pin half	bush half			
KX020	28	20	89	38	33	69	3	12	23	33	6	M8
KX030	38	32	127	64	58	85	3	12	26	41	4	M10
KX038	42	38	132	72	64	99	3	12	26	48	6	M10
KX042	48	42	146	83	78	115	3	12	26	56	8	M10
KX048	55	48	171	90	82	125	3	17	33	61	6	M12
KX058	65	58	193	106	98	139	3	17	33	68	8	M12
KX070	75	70	216	128	117	155	3	17	33	76	10	M12
KX075	80	75	254	142	127	179	3	30	56	88	8	M20
KX085	105	85	279	166	148	203	3	30	56	100	10	M20
KX105	120	105	330	202	180	237	3	30	56	117	12	M20
KX120	130	120	370	232	206	270	6	46	76	132	10	M24
KX135	135	135	419	240	230	300	6	46	76	147	12	M24
KX150	150	150	457	260	256	336	6	46	76	165	14	M24

KXT SERIES WITH TAPER BUSHING

SIZE	bush no max bore		OD (mm) OD-outside dimension	HD (mm) hub diameter		L (mm) length	M (mm) M-gap	R-flange length		Spares Number of pin (pcs)	Spares pin size	T-length through bore	
	pin half	bush half		pin half	bush half			pin half	bush half			pin half	bush half
KXT042	1610-42	1215-32	146	83	78	69.5	3	12	26	8	M10	28.4	38.1
KXT048	2012-50	1615-42	171	90	82	76.1	3	17	33	6	M12	35.0	38.1
KXT058	2517-65	2012-50	193	106	—	83.5	3	17	33	8	M12	47.5	33.0
KXT070	3020-75	2525-65	216	128	117	121.5	3	17	33	10	M12	55.0	63.5
KXT085	3535-90	3030-75	279	166	148	172.2	3	30	56	10	M20	93.0	76.2
KXT105	4040-100	3535-90	330	202	180	197.6	3	30	56	12	M20	105.6	89.0
KXT120	4040-100	4040-100	370	232	206	213.6	6	46	76	10	M24	105.6	102.0
KXT135	4545-110	4545-110	419	240	230	239.6	6	46	76	12	M24	119.3	114.3
KXT150	5050-125	5050-125	457	260	256	265.0	6	46	76	14	M24	132.0	127.0



F-FLEXIBLE COUPLING



Size	Type	Bush NO.	MAX. Bore		Type F&H		Type H		Screw over Key	A	C	D	F	M
			mm	inch	L	E	L	E						
F40	B	—	32	—	—	—	33	22	M5	104	82	—	—	11
F40	F	1008	25	1"	33	22	—	—	—	104	82	—	—	11
F40	H	1008	25	1"	33	22	—	—	—	104	82	—	—	11
F50	B	—	38	—	—	—	45	32	M5	133	100	79	—	12.5
F50	F	1210	32	1 1/4"	38	25	—	—	—	133	100	79	—	12.5
F50	H	1210	32	1 1/4"	38	25	—	—	—	133	100	79	—	12.5
F60	B	—	45	—	—	—	55	38	M6	165	125	70	—	16.5
F60	F	1610	42	1 5/8"	42	25	—	—	—	165	125	103	—	16.5
F60	H	1610	42	1 5/8"	42	25	—	—	—	165	125	103	—	16.5
F70	B	—	50	—	—	—	47	35	M8	187	142	80	50	11.5
F70	F	2012	50	2"	44	32	—	—	—	187	142	80	50	11.5
F70	H	1610	42	1 5/8"	42	25	—	—	—	187	142	80	50	11.5
F80	B	—	60	—	—	—	55	42	M8	211	165	98	54	12.5
F80	F	2517	60	2 1/2"	58	45	—	—	—	211	165	98	54	12.5
F80	H	2012	50	2"	45	32	—	—	—	211	165	98	54	12.5
F90	B	—	70	—	—	—	61.5	49	M10	235	188	108	60	13.5
F90	F	2517	60	2 1/2"	58.5	45	—	—	—	235	188	108	60	13.5
F90	H	2517	60	2 1/2"	58.5	45	—	—	—	235	188	108	60	13.5
F100	B	—	80	—	—	—	70.5	56	M10	254	216	120	62	13.5
F100	F	3020	75	3"	64.5	51	—	—	—	254	216	125	62	13.5
F100	H	2517	60	2 1/2"	58.5	45	—	—	—	254	216	113	62	13.5
F110	B	—	90	—	—	—	75.5	63	M12	279	233	128	62	12.5
F110	F	3020	75	3"	63.5	51	—	—	—	279	233	134	62	12.5
F110	H	3020	75	3"	63.5	51	—	—	—	279	233	134	62	12.5
F120	B	—	100	—	—	—	84.5	70	M12	314	264	140	67	14.5
F120	F	3525	100	4"	79.5	65	—	—	—	314	264	144	67	14.5
F120	H	3020	75	3"	65.5	51	—	—	—	314	264	144	67	14.5
F140	B	—	130	—	—	—	110.5	94	M16	359	311	178	73	16
F140	F	3525	100	4"	81.5	65	—	—	—	359	311	178	73	16
F140	H	3525	100	4"	81.5	65	—	—	—	359	311	178	73	16
F160	B	—	140	—	—	—	117	102	M20	402	345	187	78	15
F160	F	4030	115	4 1/2"	92	77	—	—	—	402	345	197	78	15
F160	H	4030	115	4 1/2"	92	77	—	—	—	402	345	197	78	15
F180	B	—	150	—	—	—	137	114	M16	470	394	205	94	23
F180	F	4535	125	5"	112	89	—	—	—	470	394	205	94	23
F180	H	4535	125	5"	112	89	—	—	—	470	394	205	94	23
F200	B	—	150	—	—	—	138	114	M20	508	429	205	103	24
F200	F	4535	125	5"	113	89	—	—	—	508	429	205	103	24
F200	H	4535	125	5"	113	89	—	—	—	508	429	205	103	24
F220	B	—	160	—	□	□	154.5	127	M20	562	474	223	118	27.5
F220	F	5040	125	5"	129.5	102	□	□	□	562	474	223	118	27.5
F220	H	5040	125	5"	129.5	102	□	□	□	562	474	223	118	27.5
F250	B	—	190	—	□	—	161.5	132	M20	628	532	254	125	29.5

F-FLEXIBLE COUPLING

POWER RATINGS (KW) / 额定功率 (千瓦)

Speed rev/min 速度转/分	SIZE COUPLING/联轴器规格														
	F40	F50	F60	F70	F80	F90	F100	F110	F120	F140	F160	F180	F200	F220	F250
100	0.25	0.69	1.33	2.62	3.93	5.24	7.07	9.16	13.9	24.3	39.5	65.7	97.6	121	154
200	0.50	1.38	2.66	5.24	7.85	10.5	14.1	18.3	27.9	48.7	79.0	131	195	243	307
300	0.75	2.07	3.99	7.85	11.8	15.7	21.2	27.5	41.8	73.0	118	197	293	364	461
400	1.01	2.76	5.32	10.5	15.7	20.9	28.3	36.6	55.7	97.4	158	263	391	486	615
500	1.26	3.46	6.65	13.1	19.6	26.2	35.3	45.8	69.6	122	197	328	488	607	768
600	1.51	4.15	7.98	15.7	23.6	31.4	42.4	55.0	83.6	146	237	394	586	729	922
700	1.76	4.84	9.31	18.3	27.5	36.6	49.5	64.1	97.5	170	276	460	684	850	1076
720	1.81	4.98	9.57	18.8	28.3	37.7	50.9	66.0	100	175	284	473	703	875	1106
800	2.01	5.53	10.6	20.9	31.4	41.9	56.5	73.3	111	195	316	525	781	972	1229
900	2.26	6.22	12.0	23.6	35.3	47.1	63.6	82.5	125	219	355	591	879	1093	1383
960	2.41	6.63	12.8	25.1	37.7	50.3	67.9	88.0	134	234	379	630	937	1166	1475
1000	2.51	6.91	13.3	26.2	39.3	52.4	70.7	91.6	139	243	395	657	976	1215	1537
1200	3.02	8.29	16.0	31.4	47.1	62.8	84.8	110	167	292	474	788	1172		
1400	3.52	9.68	18.6	36.6	55.0	73.3	99.0	128	195	341	553	919			
1440	3.62	9.95	19.1	37.7	56.5	75.4	102	132	201	351	568	945			
1600	4.02	11.1	21.3	41.9	62.8	83.8	113	147	223	390	632				
1800	4.52	12.4	23.9	47.1	70.7	94.2	127	165	251	438					
2000	5.03	13.8	26.6	52.4	78.5	105.5	141	183	279						
2200	5.53	15.2	29.3	57.6	86.4	115	155	202							
2400	6.03	16.6	31.9	62.8	94.2	126	170								
2600	6.53	18.0	34.6	68.1	102	136	184								
2800	7.04	19.4	37.2	73.3	110	147									
2880	7.24	19.9	38.3	75.4	113	151									
3000	7.54	20.7	39.9	78.5	118	157									
3600	9.05	24.9	47.9	94.2											
Nominal Torque(Nm) 额定扭矩(牛米)	24	66	127	250	375	500	675	875	1330	2325	3770	6270	9325	11600	14675
MAX Torque(Nm) 最大扭矩(牛米)	64	160	318	487	759	1096	1517	2137	3547	5642	9339	16455	23508	33125	42740

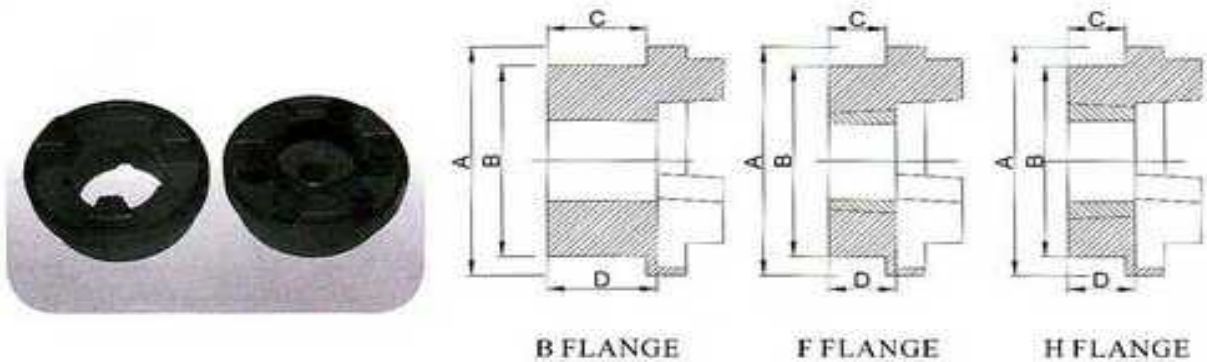
For speeds other than those listed use the normal torque rating from the (Power Rating table below)

$$\text{Required Torque(Nm)} = \frac{\text{Design Power(Kw)} \times 9555}{\text{rev/min}}$$

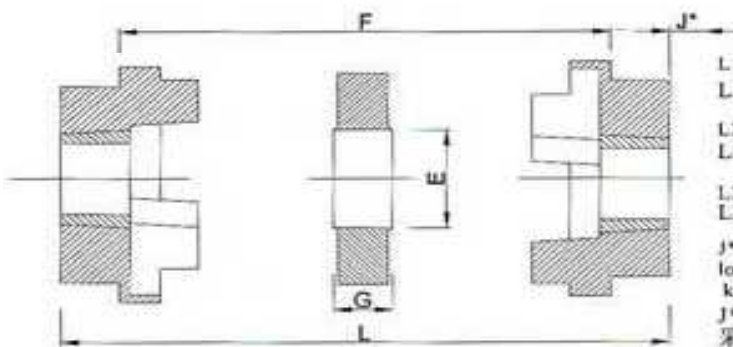
对不同于表中数据的速度，用以下额定功率表的公称额定扭矩

$$\text{所求扭矩(Nm)} = \frac{\text{设计功率(Kw)} \times 9555}{\text{转/分}}$$

HRC COUPLING



SIZE 规格	BUSH 衬套	Type F&H/锥孔		Bored to Size/定规格孔径														
		Bore/孔径		C	D	Bore/孔径		C	D	A	B	E	F	G	L1	L2	L3	J*
		MAX 最大	MIN 最小			MAX 最大	MIN 最小											
70	1008	25	9	20.0	23.5	32	10	20	23.5	69	60	31	25	18	65	66.5	68	29
90	1108	28	9	19.5	23.5	42	10	26	30.5	85	70	32	30.5	22.5	69.5	76	82.5	29
110	1610	42	14	18.5	26.5	55	10	37	45.5	112	100	45	45	29	82	101	119	38
130	1610	42	14	18.0	26.5	60	20	39	47.5	130	105	50	53	36	89	118	146	38
150	2012	50	14	23.5	33.5	65	28	46	56.0	150	115	62	60	40	107	134	160	42
180	2517	60	16	34.5	46.5	80	28	58	70.0	180	125	77	73	49	142	166	189	48
230	3020	75	25	39.5	52.5	100	48	77	90.0	225	155	99	86.5	59.5	165	202	240	55
280	3525	100	35	51.0	66.5	115	60	90	105.5	275	206	119	105.5	74.5	208	247	286	67



Assembled length/装配长度

L1 is the length with assembly combinations F-F-H-H-F-H
L1 是机组装配长度 F-F-H-H-F-H

L2 is the length with assembly combinations F-B-H-B
L2 是机组装配长度 F-B-H-B

L3 is the length with assembly combinations B-B
L3 是机组装配长度 B-B

J* is the wrench clearance required for tightening and loosening the bush on the shaft. The use of a shortened key will allow this dimension to be reduced

J* 是拧紧轴上衬套所需的扳手空间。采用缩短的扳手，可减少此尺寸

HRC COUPLING

POWER RATINGS (KW) / 额定功率 (千瓦)

Speed rev/min 速度 (转/分)	COUPLING SIZE/联轴器规格							
	70	90	110	130	150	180	230	280
100	0.33	0.84	1.68	3.30	6.28	9.95	20.9	33
200	0.66	1.68	3.35	6.60	12.60	19.90	41.9	65
400	1.32	3.35	6.70	13.20	25.10	39.80	83.8	132
600	1.98	5.03	10.10	19.80	37.70	59.70	126.0	198
720	2.37	6.03	12.10	23.80	45.20	71.60	151.0	238
800	2.64	6.70	13.40	26.40	50.30	79.60	168.0	264
960	3.17	8.04	16.10	31.70	60.30	95.50	201.0	317
1200	3.96	10.10	20.10	39.60	75.40	119.00	251.0	396
1440	4.75	12.10	24.10	47.50	90.50	143.00	302.0	475
1600	5.28	13.40	26.80	52.80	101.00	159.00	335.0	528
1800	5.94	15.10	30.20	59.40	113.00	179.00	377.0	594
2000	6.60	16.80	33.50	66.00	126.00	199.00	419.0	660
2200	7.26	18.40	36.90	72.60	138.00	219.00	461.0	726
2400	7.92	20.10	40.20	79.20	151.00	239.00	503.0	
2600	8.58	21.80	43.60	85.80	163.00	259.00	545.0	
2880	9.50	24.10	48.30	95.00	181.00	286.00		
3000	9.90	25.10	50.30	99.00	188.00	298.00		
3600	11.90	30.10	60.30	118.00	226.00			
Nominal Torque(Nm) 额定扭矩 (牛米)	31.5	80	160	315	600	950	2000	3150
MAX Torque(Nm) 最大扭矩 (牛米)	72.0	180	360	720	1500	2350	5000	7200

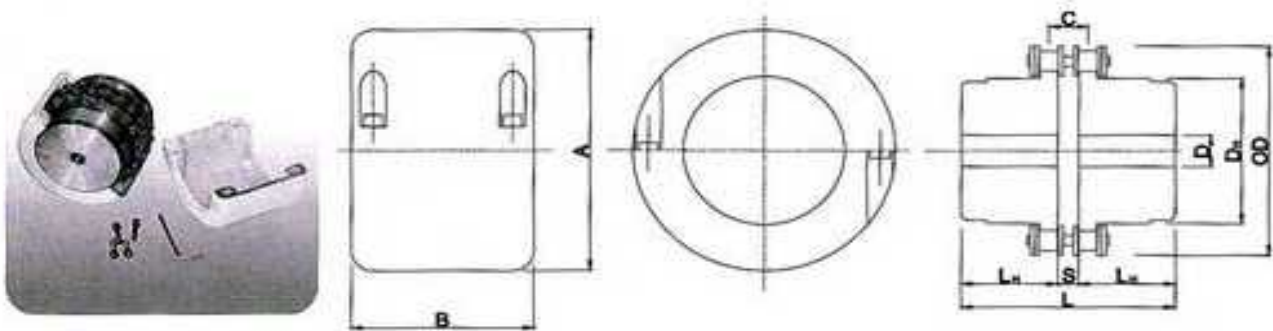
For speeds other than those listed use the normal torque rating from the (Power Rating table below)

$$\text{Required Torque(Nm)} = \frac{\text{Design Power(Kw)} \times 9555}{\text{rev/min}}$$

对不同于表中数据的速度，用以下额定功率表的公称额定扭矩

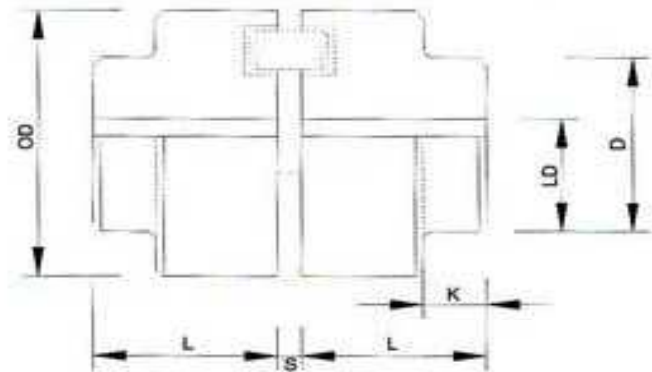
$$\text{所求扭矩(Nm)} = \frac{\text{设计功率(Kw)} \times 9555}{\text{转/分}}$$

CHAIN COUPLING



SIZE 型号	Chainpitch 节距	Coupling/联轴器								Casing/罩壳				
		Drill hole	Bore/孔径		O	L	D _H	L _H	S	C	Approx. Weight (kg/m)	A	B	Approx. Weight (kg/m)
			Min.	Max.										
3012	9.525	12	13.5	16	45	65	27.2	29.5	6	10.1	0.31	69	63	0.22
4012	12.7	12	14	22	62	79.4	36	36	7.4	14.4	0.73	77	72	0.30
4014		12	14	28	69	79.4	45	36			1.12	84	75	0.31
4016		13.5	16	32	77	87.4	51.5	40			1.50	92	72	0.35
5014	15.875	14.5	17	35	86	99.7	56	45	9.7	18.1	2.15	101	85	0.47
5016		14.5	18	40	96	99.7	64	45			2.75	110	87	0.50
5018		16	18	45	106	99.7	73.5	45			3.60	122	85	0.60
6018	19.05	20	22	56	127	123.5	89.5	56	11.5	22.8	6.55	147	105	1.2
6020		20	24	60	139	123.5	102.5	56			8.38	158	105	1.2
6022		20	28	71	151	123.5	115	56			10.4	168	117	1.2
8018	20.4	20	32	80	169	141.2	115	63	15.2	29.3	13.2	190	129	1.9
8020		20	36	90	185	145.2	125	65			16.2	210	137	2.5
8022		20	40	100	202	157.2	142	71			21.8	226	137	2.7
10020	31.75	25	45	110	233	178.8	162	80	18.8	35.8	32.4	281	153	4.1
12018	38.1	35	50	125	256	202.7	173	90	22.7	45.4	43.2	307	181	5.2
12022		35	56	140	304	222.7	213	100			69.1	357	181	6.7

NM COUPLING



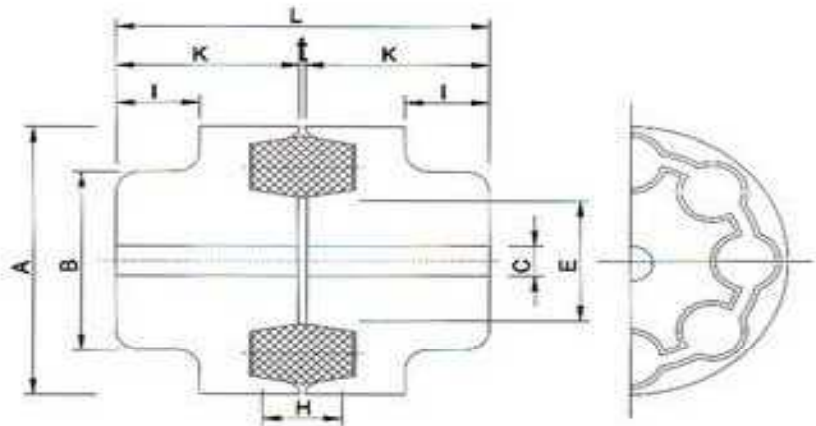
SIZE 型号	Bore/孔径		D	OD	L	K	S
	Min./最小	Max./最大					
50	7	19	33	50	25	12.5	2.0±0.5
67	9	28	46	67	30	15.0	2.5±0.5
82	10	32	53	82	40	16.0	3.0±1.0
97	12	42	69	97	50	20.0	3.0±1.0
112	14	48	80	112	60	35.0	3.5±1.0
128	18	55	90	128	70	41.0	3.5±1.0
148	22	65	107	148	80	48.0	3.5±1.0
168	28	75	125	168	90	54.0	3.5±1.5

SIZE 型号	Torque/扭矩		Max Speed rpm 最大速度 rpm
	Normal(N.M) 额定 (牛.米)	Max(N.M) 最大 (牛.米)	
50	12.74	22.54	13500
67	21.56	39.20	10000
82	49.00	88.20	8000
97	102.90	186.20	7000
112	163.66	294.00	6000
128	261.66	470.40	5000
148	408.66	735.00	4500
168	681.10	1225.00	4000

$$\text{Required Torque(Nm)} = \frac{\text{Design Power(Kw)} \times 9555}{\text{rev/min}}$$

$$\text{所求扭矩(Nm)} = \frac{\text{设计功率(Kw)} \times 9555}{\text{转/分}}$$

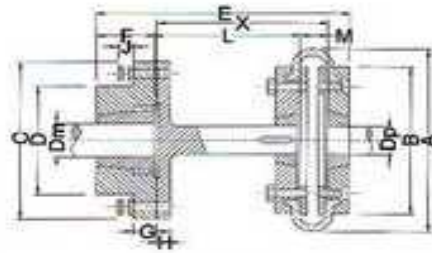
MH COUPLING



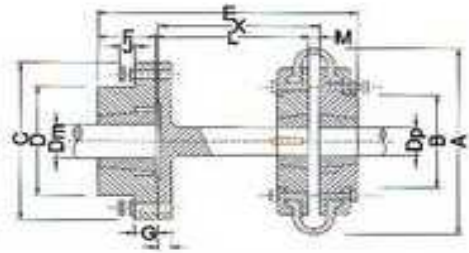
SIZE 型号	A	B	Bore/孔径		L	K	H	t	I	E
			Max/最大	Min/最小						
MH-45	45	27	14	5	49	23	15	3	13	20
MH-55	55	38	20	9	57	27	17	3	15	26
MH-65	65	45	25	12	63	30	19	3	16	33
MH-80	80	52	30	16	73	35	23	3	18	41
MH-90	90	62	35	20	83	40	25	3	21	46
MH-115	115	80	45	25	113	55	33	3	29	58
MH-130	130	90	50	27	123	60	37	3	32	65
MH-145	145	100	55	30	133	65	39	3	35	72
MH-175	175	115	65	35	163	80	47	3	43	84
MH-200	200	130	80	50	223	110	53	3	70	92

SIZE 型号	MH45	MH55	MH65	MH80	MH90	MH115	MH130	MH145	MH175	MH200
Nominal Torque(Nm) 公称扭矩 (牛·米)	1.96	3.92	6.86	15.68	36.26	78.40	117.60	196.00	421.40	637.00
MAX Speed(rpm) 最大速度 (rpm)	6000	6000	6000	5500	5000	4600	4400	4200	3800	3600

ADJUSTABLE SPACER COUPLING



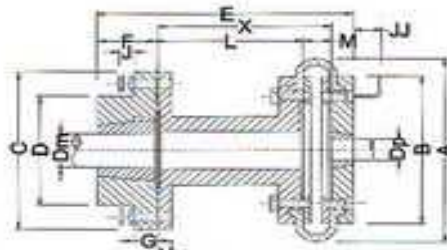
SIZE F40-60



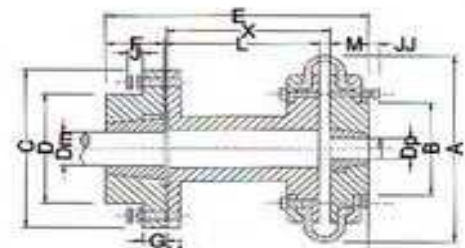
SIZE F70-250

Size	DBSE X	A	B	C	D	E	F	G	H	J	D	L	M	Bush Size Max Bore	
														Dp	Dm
F40-SM12-100	100	104	82	118	83	150	25	14	12	14	25	81	22	1008-25	1210-32
F50-SM12-100	100	133	79	118	83	153	25	14	12	14	25	78	25	1210-32	1210-32
F50-SM16-100	100	133	79	127	80	156	25	18	15	14	32	78	25	1210-32	1610-42
F50-SM12-140	140	133	79	127	80	206	25	18	15	14	32	118	25	1210-32	1610-42
F60-SM16-100	100	165	103	127	80	156	25	18	15	14	32	70	33	1610-42	1610-42
F60-SM16-140	140	165	103	127	80	206	25	18	15	14	32	110	33	1610-42	1610-42
F70-SM25-100	100	187	80	178	123	179	45	22	15	19	48	79	23	1610-42	2517-60
F70-SM25-140	140	187	80	178	123	218	45	22	15	19	48	119	23	1610-42	2517-60
F70-SM25-180	180	187	80	178	123	259	45	22	15	19	48	159	23	1610-42	2517-60
F70-SM25-250	250	187	80	178	123	326	45	22	15	19	48	229	23	1610-42	2517-60
F80-SM25-140	140	211	98	178	123	232	45	22	15	19	48	117	25	2012-50	2517-60
F80-SM25-180	160	211	98	178	123	272	45	22	15	19	48	157	25	2012-50	2517-60
F80-SM25-250	250	211	98	178	123	342	45	22	15	19	48	227	25	2012-50	2517-60
F90-SM25-140	140	235	108	178	123	231	45	22	15	19	48	114	27	2517-60	2517-60
F90-SM25-180	180	235	108	178	123	271	45	22	15	19	48	154	27	2517-60	2517-60
F90-SM30-140	140	235	108	216	146	237	51	29	20	28	60	114	27	2517-60	3020-75
F90-SM30-180	180	235	108	216	146	277	51	29	20	28	60	154	27	2517-60	3020-75
F90-SM30-250	250	235	108	216	146	347	51	29	20	28	60	224	27	2517-60	3020-75
F100-SM30-140	140	254	125	216	146	245	51	29	20	28	60	114	27	3020-75	3020-75
F100-SM30-180	180	254	125	216	146	285	51	29	20	28	60	154	27	3020-75	3020-75
F100-SM30-250	250	254	125	216	146	355	51	29	20	28	60	224	27	3020-75	3020-75
F110-SM30-140	140	279	134	216	146	245	51	29	20	28	60	118	25	3020-75	3020-75
F110-SM30-180	180	279	134	216	146	285	51	29	20	28	60	158	25	3020-75	3020-75
F110-SM30-250	250	279	134	216	146	366	51	29	20	28	60	228	25	3020-75	3535-95
F110-SM35-140	140	279	134	248	178	259	65	34	25	25	80	118	25	3020-75	3535-95
F110-SM35-180	180	279	134	248	178	299	65	34	25	25	80	158	25	3020-75	3535-95
F110-SM35-250	250	279	134	248	178	369	65	34	25	25	80	228	25	3020-75	3535-95
F120-SM35-140	140	314	144	248	178	273	65	34	25	28	80	114	29	3020-75	3535-95
F120-SM35-180	180	314	144	248	178	313	65	34	25	28	80	154	29	3020-75	3535-95
F120-SM35-250	250	314	144	248	178	383	65	34	25	28	80	224	29	3020-75	3535-95
F140-SM35-140	140	359	178	248	178	312	65	34	25	28	80	150	32	3525-95	3535-95
F140-SM35-250	250	359	178	248	178	382	65	34	25	28	80	220	32	3525-95	3535-95

FENAFLEX SPACER COUPLING



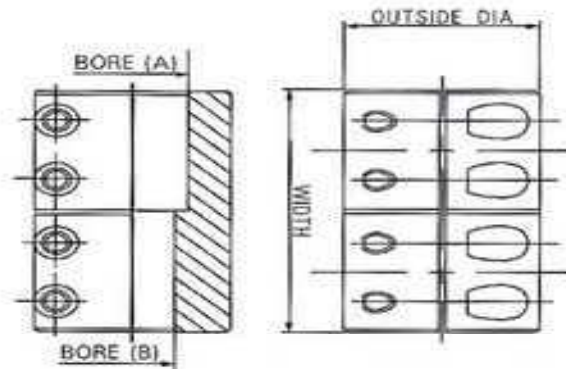
SIZE F40-60



SIZE F70-250

Size	DBSE X	A	B	C	D	E	F	G	H	J	JJ	L	M	Bush Size Max Bore	
														Dp	Dm
F40-RX12-100	100	104	82	118	83	150	25	14	12	14	29	81	22	1008-25	1210-32
F50-RX12-100	100	133	79	118	83	153	25	14	12	14	38	78	25	1210-32	1210-32
F50-RX16-100	100	133	79	127	80	156	25	18	15	14	38	78	25	1210-32	1610-42
F50-RX16-140	140	133	79	127	80	206	25	18	15	14	38	118	25	1210-32	1610-42
F60-RX16-100	100	165	103	127	80	156	25	18	15	14	38	70	33	1610-42	1610-42
F60-RX16-140	140	165	103	127	80	206	25	18	15	14	38	110	33	1610-42	1610-42
F70-RX25-100	100	187	80	178	123	179	45	22	15	19	13	79	23	2012-50	2517-60
F70-RX25-140	140	187	80	178	123	218	45	22	15	19	13	119	23	2012-50	2517-60
F70-RX25-180	180	187	80	178	123	259	45	22	15	19	13	159	23	2012-50	2517-60
F70-RX25-250	250	187	80	178	123	328	45	22	15	19	13	229	23	2012-50	2517-60
F80-RX25-140	140	211	98	178	123	232	45	22	15	19	16	117	25	2517-60	2517-60
F80-RX25-180	180	211	98	178	123	272	45	22	15	19	16	157	25	2517-60	2517-60
F80-RX25-250	250	211	98	178	123	342	45	22	15	19	16	227	25	2517-60	2517-60
F90-RX25-140	140	235	108	178	123	231	45	22	15	19	16	114	27	2517-60	2517-60
F90-RX25-180	180	235	108	178	123	271	45	22	15	19	16	154	27	2517-60	2517-60
F90-RX30-140	140	235	108	216	146	237	51	29	20	28	16	114	27	3020-75	3020-75
F90-RX30-180	180	235	108	216	146	277	51	29	20	28	16	154	27	3020-75	3020-75
F90-RX30-250	250	235	108	216	146	347	51	29	20	28	16	224	27	3020-75	3020-75
F100-RX30-140	140	254	125	216	146	245	51	29	20	28	16	114	27	3020-75	3020-75
F100-RX30-180	180	254	125	216	146	285	51	29	20	28	16	154	27	3020-75	3020-75
F100-RX30-250	250	254	125	216	146	355	51	29	20	28	16	224	27	3020-75	3020-75
F110-RX30-140	140	279	134	216	146	245	51	29	20	28	16	118	25	3020-75	3020-75
F110-RX30-180	180	279	134	216	146	285	51	29	20	28	16	158	25	3020-75	3020-75
F110-RX30-250	250	279	134	216	146	355	51	29	20	28	16	228	25	3020-75	3020-75
F110-RX35-140	140	279	125	248	178	259	65	34	25	25	16	118	25	3020-75	3525-95
F110-RX35-180	180	279	134	248	178	299	65	34	25	25	16	158	25	3020-75	3525-95
F110-RX35-250	250	279	134	248	178	369	65	34	25	25	16	228	25	3020-75	3525-95
F120-RX35-140	140	314	144	248	178	273	65	34	25	28	16	114	29	3525-95	3525-95
F120-RX35-180	180	314	144	248	178	313	65	34	25	28	16	154	29	3525-95	3525-95
F120-RX35-250	250	314	144	248	178	383	65	34	25	28	16	224	29	3525-95	3525-95
F140-RX35-180	180	359	178	248	178	312	65	34	25	28	17	150	32	3525-95	3525-95
F140-RX35-250	250	359	178	248	178	382	65	34	25	28	17	220	32	3525-95	3525-95
F140-RX40-180	180	359	178	298	210	324	77	35	25	25	17	150	32	3525-95	4030-110
F140-RX40-250	250	359	178	298	210	394	77	35	25	25	17	220	32	3525-95	4030-110
F160-RX40-180	180	402	197	298	210	337	77	35	25	28	19	153	30	4030-110	4030-110
F160-RX40-250	250	402	197	298	210	407	77	35	25	28	19	223	30	4030-110	4030-110
F180-RX45-180	180	470	205	330	230	319	77	40	30	38	19	137	46	4535-125	4535-125
F180-RX45-250	250	470	205	330	230	419	89	40	30	38	19	207	46	4535-125	4535-125

SHAFT COUPLING

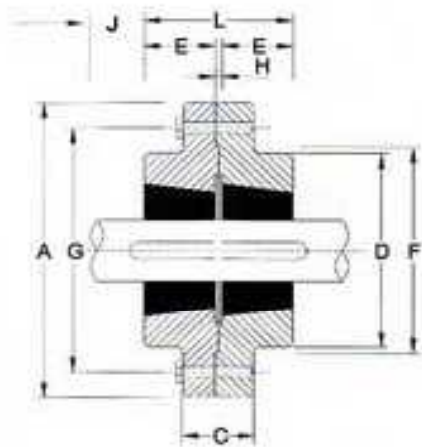


材质: (Material)

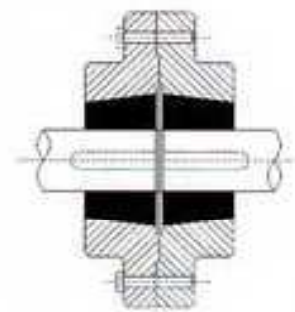
- 1 钢镀三阶锌 (Steel with ROHS Coating)
- 2 钢发黑 (Steel With BLK OXD)
- 3 不锈钢 (Stainless Steel)
- 4 铝 (Aluminium)

BORE		O.D.	LENGTH	SCREW	Keyway	CODE
A	B					
0.250	0.250	0.69	1.125	#4-40x3/8	NO	1/4"-1/4"
0.375	0.250	0.87	1.375	#4-40x3/8	NO	3/8"-1/4"
0.375	0.375	0.87	1.375	#6-32x3/8	NO	3/8"-3/8"
0.500	0.375	1.13	1.750	#8-32x3/8	NO	1/2"-3/8"
0.500	0.500	1.13	1.750	#8-32x3/8	YES	1/2"-1/2"
0.625	0.500	1.31	2.000	#10-32x1/2	NO	5/8"-1/2"
0.625	0.625	1.31	2.000	#10-32x1/2	YES	5/8"-5/8"
0.750	0.625	1.50	2.250	1/4-28x5/8	NO	3/4"-5/8"
0.750	0.750	1.50	2.250	1/4-28x5/8	YES	3/4"-3/4"
0.875	0.625	1.63	2.500	1/4-28x5/8	NO	7/8"-5/8"
0.875	0.875	1.63	2.500	1/4-28x5/8	YES	7/8"-7/8"
1.000	0.500	1.75	3.000	1/4-28x5/8	NO	1"-1/2"
1.000	0.750	1.75	3.000	1/4-28x5/8	NO	1"-3/4"
1.000	1.000	1.75	3.000	1/4-28x5/8	YES	1"-1"
1.125	1.000	1.875	3.125	1/4-28x5/8	NO	1 1/8"-1"
1.125	1.125	1.875	3.125	1/4-28x5/8	YES	1 1/8"-8"-11/8"
1.250	1.000	2.06	3.250	1/4-28x5/8	NO	1 1/4"-1"
1.250	1.250	2.06	3.250	1/4-28x5/8	YES	1 1/4"-1 1/4"
1.375	1.000	2.25	3.500	1/4-28x5/8	NO	1 3/8"-1"
1.375	1.375	2.25	3.500	1/4-28x5/8	YES	1 3/8"-1 3/8"
1.500	1.000	2.50	3.750	1/4-28x5/8	NO	1 1/2"-1"
1.500	1.500	2.50	3.750	1/4-28x5/8	YES	1 1/2"-1 1/2"
1.750	1.750	3.00	4.500	5/16-24x7/8	YES	1 3/4"-1 3/4"
1.938	1.938	3.00	4.875	5/16-24x7/8	YES	1-15/16-1-15/16
2.000	2.000	3.00	4.875	5/16-24x7/8	YES	2"-2"

RIGID COUPLING



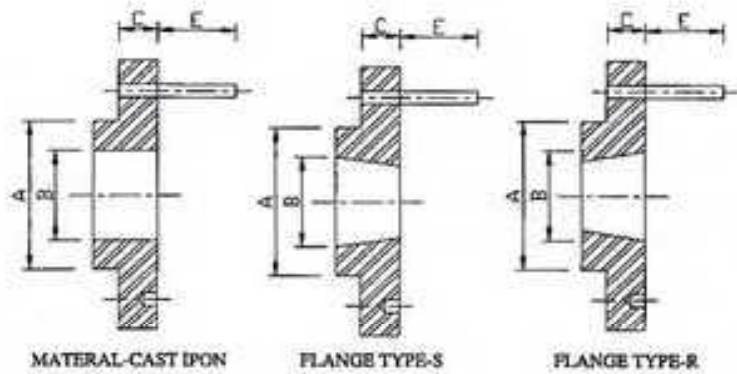
Coupling Assembly HF



Coupling Assembly FF

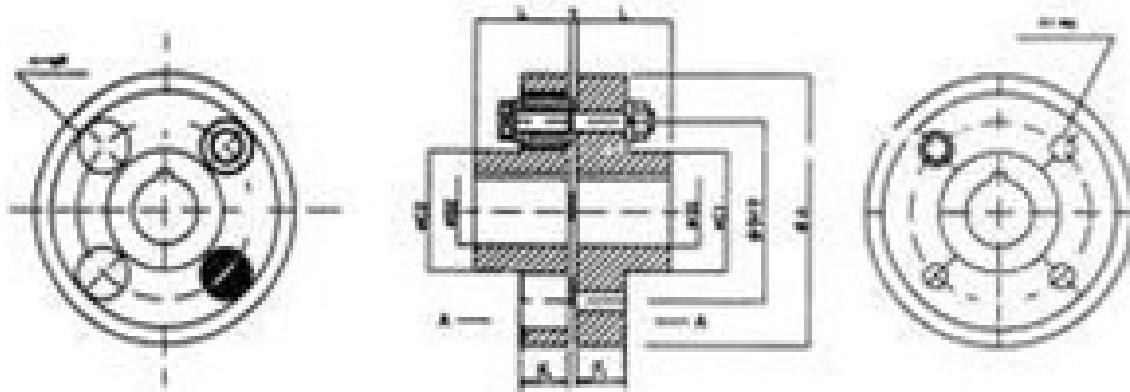
Size 型号	Bush NO. 锥套型号	Max.Bore/最大孔径		A	C	D	E	F nom	G nom	H	J	L
		Metric/公制	inch/英制									
RM12	1210	32	1 1/4"	118	35	83	26	76	102	7	38	57
RM16	1615	42	1 1/2"	127	43	80	38	89	105	7	38	83
RM25	2517	60	2 1/2"	178	51	123	45	127	149	7	48	97
RM30	3030	75	3"	216	65	145	76	152	181	7	54	159
RM35	3535	90	3 1/2"	248	75	178	89	178	213	7	67	185
RM40	4040	100	4"	298	76	210	102	216	257	7	79	210
RM45	4545	110	4 1/2"	330	86	230	114	241	286	7	89	235
RM50	5050	125	5"	362	92	260	127	267	314	7	92	260

PIN COUPLING



SIZE	Bush Size	A	B	C	D
67	1108	67	--	22	18
83	1210	83	--	25	20
102	1210	102	67	25	20
134	1610	134	83	25	26
178	2517	178	124	44	30
204	2517	204	124	44	38
254	3020	254	152	51	47
318	3535	318	178	89	64

FCL & FCLS



Item P/N (metric)	ΦA	Prepared hole diameter	L	ΦC1	ΦC2	F1	F2	n	Φa	ΦM	t	Bolt Dimension	Element	Maximum bore (D1)	Maximum bore (D2)
FCL 76	76	6	27	33.5	33.5	11.0	11.0	3	8	18	3	M8X46	F0	15	15
FCL 90	90	6	28	35.5	35.5	14.0	14.0	4	8	19	3	M8X50	F1	20	20
FCL 100	100	6	35.5	42.5	42.5	16.0	16.0	4	10	23	3	M10X56	F2	25	25
FCL 112	112	9	40	50	50	16.0	16.0	4	10	23	3	M10X56	F2	28	28
FCL 125	125	9	45	56	50	18.0	18.0	4	14	32	3	M12X64	F3	32	28
FCL 130	130	9	45	61	55	18.0	18.0	4	14	32	3	M12X64	F3	32	30
FCL 140	140	9	50	71	63	18.0	18.0	6	14	32	3	M12X64	F3	38	35
FCL 150	150	12	55	75	70	18.0	18.0	8	14	32	3	M12X64	F3	40	40
FCL 160	160	12	56	80	80	18.0	18.0	8	14	32	3	M12X64	F3	45	45
FCL 165	165	12	60	83	83	18.0	18.0	8	14	32	3	M12X64	F3	45	45
FCL 180	180	12	63	90	90	18.0	18.0	8	14	32	3	M12X64	F3	50	50
FCL 200	200	18	71	100	100	22.4	22.4	8	20	41	4	M20X85	F4	56	56
FCL 224	224	18	80	112	112	22.4	22.4	8	20	41	4	M20X85	F4	63	63
FCL 235	235	18	85	117	117	22.4	22.4	8	20	41	4	M20X85	F4	65	65
FCL 250	250	20	90	125	125	28.0	28.0	8	25	51	4	M24X100	F5	71	71
FCL 280	280	30	100	140	140	28.0	40.0	8	28	57	4	M24X116	F6	80	80
FCL 300	300	30	110	155	155	28.0	40.0	8	28	57	4	M24X116	F6	85	85
FCL 315	315	30	112	160	160	28.0	40.0	10	28	57	4	M24M116	F6	90	90
FCL 355	355	30	125	180	180	35.5	56.0	8	35.5	72	5	M30X150	F7	100	100
FCL 380	380	42	125	190	190	35.5	56.0	10	35.5	72	5	M30X150	F7	105	105
FCL 400	400	48	125	200	200	35.5	56.0	10	35.5	72	5	M30X150	F7	110	110
FCL 420	420	50	130	210	210	35.5	56.0	10	35.5	72	5	M30X150	F7	115	115
FCL 430	430	55	132	213	213	35.5	56.0	12	35.5	72	5	M30X150	F7	120	120
FCL 450	450	58	140	224	224	35.5	56.0	12	35.5	72	5	M30X150	F7	125	125

1. COUPLING TO BE PILOT BORE
2. COUPLINGS TO BE FINISHED IN BLACK PHOSPHATE
3. MATERIAL OF COUPLING: GG25
4. BOLT AND FLANGE MATERIAL IS C45
5. NUT MATERIAL : C45

FCL & FCLS

Item P/N (metric)	Φ A	Prepared hole diameter	L	Φ C1	Φ C2	F1	F2	n	Φ a	Φ M	t	Bolt Dimension	Element	Maximum Bore (D1)	Maximum Bore (D2)
FCLS 112	112	9	40	50	50	16.0	16.0	4	10	23	3	M10X56	F2	30	30
FCLS 125	125	9	45	56	50	18.0	18.0	4	14	32	3	M12X64	F3	30	30
FCLS 130	130	9	45	61	55	18.0	18.0	4	14	32	3	M12X64	F3	32	32
FCLS 140	140	9	50	71	63	18.0	18.0	6	14	32	3	M12X64	F3	38	38
FCLS 150	150	12	55	75	70	18.0	18.0	8	14	32	3	M12X64	F3	40	40
FCLS 160	160	12	56	80	80	18.0	18.0	8	14	32	3	M12X64	F3	48	48
FCLS 165	165	12	60	83	83	18.0	18.0	8	14	32	3	M12X64	F3	48	48
FCLS 180	180	12	63	90	90	18.0	18.0	8	14	32	3	M12X64	F3	55	55
FCLS 200	200	18	71	100	100	22.4	22.4	8	20	41	4	M20X85	F4	65	65
FCLS 224	224	18	80	112	112	22.4	22.4	8	20	41	4	M20X85	F4	70	70
FCLS 235	235	18	85	117	117	22.4	22.4	8	20	41	4	M20X85	F4	70	70
FCLS 250	250	20	90	125	125	28.0	28.0	8	25	51	4	M24X100	F5	75	75
FCLS 280	280	30	100	140	140	28.0	40.0	8	28	57	4	M24X116	F6	85	85
FCLS 300	300	30	110	155	155	28.0	40.0	8	28	57	4	M24X116	F6	90	90
FCLS 315	315	30	112	160	160	28.0	40.0	10	28	57	4	M24M116	F6	100	100
FCLS 355	355	30	125	180	180	35.5	56.0	8	35.5	72	5	M30X150	F7	110	110
FCLS 380	380	42	125	190	190	35.5	56.0	10	35.5	72	5	M30X150	F7	115	115
FCLS 400	400	48	125	200	200	35.5	56.0	10	35.5	72	5	M30X150	F7	125	125
FCLS 420	420	50	130	210	210	35.5	56.0	10	35.5	72	5	M30X150	F7	125	125
FCLS 430	430	55	132	213	213	35.5	56.0	12	35.5	72	5	M30X150	F7	130	130
FCLS 450	450	58	140	224	224	35.5	56.0	12	35.5	72	5	M30X150	F7	140	140

1. COUPLING TO BE PILOT BORE

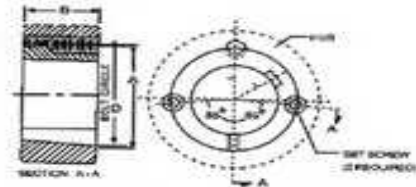
2. COUPLINGS TO BE FINISHED IN BLACK PHOSPHATE

3. MATERIAL OF COUPLING: C45

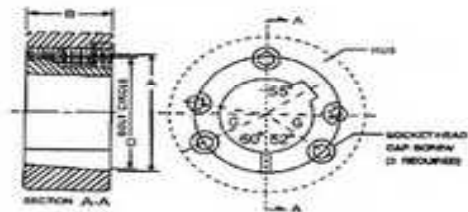
4. BOLT AND FLANGE MATERIAL IS C45

5. NUT MATERIAL : C45

TAPER BUSHING



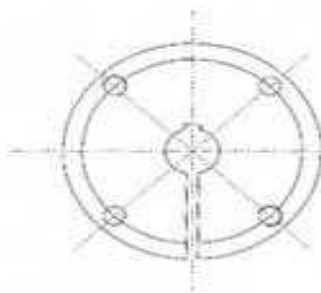
SIZE 1008 - 3030



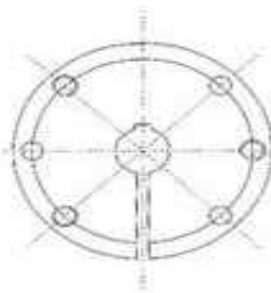
SIZE 3525 - 5050

Bushing Number	A	B	C	D	螺絲尺寸 (BSW)
1008	35.2	22.2	60.3	33.7	1/4" X 1/2"
1108	38.4	22.2	63.5	36.9	1/4" X 1/2"
1210	47.6	25.4	92.1	44.5	3/8" X 5/8"
1215	47.6	38.1	79.4	44.5	3/8" X 5/8"
1310	50.8	25.4	95.3	47.6	3/8" X 5/8"
1610	57.2	25.4	101.6	54.0	3/8" X 5/8"
1615	57.2	38.1	88.9	54.0	3/8" X 5/8"
2012	69.9	31.8	120.7	66.7	7/16" X 7/8"
2517	85.7	44.5	139.7	82.6	1/2" X 1"
2525	85.7	63.5	120.7	82.6	3/8" X 1"
3020	108.0	50.8	177.8	101.6	5/8" X 1 1/4"
3030	108.0	76.2	158.8	101.6	7/8" X 1 1/4"
3525	127.0	63.5	197.0	123.0	1/2" X 1 1/2"
3535	127.0	89.0	197.0	123.0	1/2" X 1 1/2"
4030	146.0	76.2	241.0	141.0	5/8" X 1 3/4"
4040	146.0	102.0	241.0	141.0	5/8" X 1 3/4"
4535	161.0	89.0	267.0	156.0	3/4" X 2"
4545	161.0	114.0	267.0	156.0	3/4" X 2"
5040	178.0	101.6	292.0	171.0	7/8" X 2 1/4"
5050	178.0	127.0	292.0	171.0	7/8" X 2 1/4"

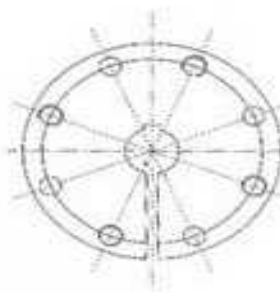
QD BUSHING



Size H



Size JA TO J



Size M



SIZE	A	B	D	E	L	d bolt Required	Cap Screws Grade 5
H	1/4	1.625	2 1/2	1	1 1/4	2	2-1/4 3/4
JA	5/16	1.375	2	11/16	1	1.665	3-10×1
SH	7/16	1.871	2 11/16	7/8	1 5/16	2 1/4	3-1/4×1 3/8
SDS	7/16	2.187	3 1/8	7/8	1 5/16	2 11/16	3-1/4×1 3/8
SD	7/16	2.187	3 1/8	1 3/8	1 13/16	2 11/16	3-1/4×1 7/8
SK	9/16	2.182	3 7/8	1 3/8	1 15/16	3 5/16	3-5/16×2
SF	5/8	3.125	4 5/8		2 1/16	3 7/8	3-3/8×2
E	7/8	3.843	6	1 7/8	2 3/4	5	3-1/2×2 3/4
F	1	4.437	6 5/8	2 3/4	3 3/4	5 5/8	3-9/16×3 7/8
J	1 1/8	5.148	7 1/4	3 1/2	4 5/8	6 1/4	3-5/8×4 1/2
M	1 1/4	6.500	9	5 1/2	6 3/4	7 7/8	4-3/4×6 3/4
N	1 1/2	7.000	10	6 5/8	8 1/8	8 1/2	4-7/8×8

QD BUSHING DIMENSIONS

Inch

SIZE	Bore	Key Seat	Key	SIZE	Bore	Key Seat	Key
H	3/8-9/16	1/8×1/16	1/8×1/8	SF	2 5/8-2 9/16	5/8×1/16	5/8×3/8
	5/8-7/8	3/16×3/32	3/16×3/16		2 13/16	3/4×1/16	3/4×7/16
	1 5/16-1 1/4	1/4 1/8	1/4×1/4		2 7/8-2 15/16	No key	No key
	1 5/16-1 3/8	5/16×1/16	5/16×7/32		5/8-7/8	3/16×3/32	3/16×3/16
	1 7/16-1 1/2	3/8×1/16	3/8×1/4		15/16-1 1/4	1/4×1/8	1/4×1/4
JA	1/2-9/16	1/8×1/16	1/8×1/8	E	1 5/16-1 3/8	5/16×5/32	5/16×5/16
	5/8-7/8	3/16×3/32	3/16×3/16		1 7/16-1 3/4	3/8×3/16	3/8×3/8
	15/16	1/4×1/8	1/4×1/4		1 13/16-2 1/4	1/2×1/4	1/2×1/2
	1 1/16-1 3/16	1/4×1/16	1/4×3/16		2 5/16-2 3/4	5/8×5/16	5/8×5/8
	1 1/4	No key	No key		2 13/16-3 1/4	3/4×1/8	3/4×1/2
SH	1/2-9/16	1/8×1/16	1/8×1/8	F	3 5/16-3 7/16	7/8×1/16	7/8×1/2
	5/8-7/8	3/16×3/32	3/16×3/16		3 1/2	No key	No key
	15/16-1 1/4	1/4×1/8	1/4×1/4		1-1 1/4	1/4×1/8	1/4×1/4
	1 5/16-1 3/8	5/16×5/32	5/16×5/16		1 5/16-1 3/8	5/16×5/32	5/16×5/16
	1 7/16-1 5/8	3/8×3/16	3/8×1/4		1 7/16-1 3/4	3/8×3/16	3/8×3/8
SD SDS	1 11/16	No key	No key	J	1 13/16-2 1/4	1/2×1/4	1/2×1/2
	1/2-9/16	1/8×1/16	1/8×1/8		2 5/16-2 3/4	5/8×5/16	5/8×5/8
	5/8-7/8	3/16×3/32	3/16×3/16		2 13/16-3 1/4	3/4×3/8	3/4×3/4
	15/16-1 1/4	1/4×1/8	1/4×1/4		3 3/8-3 3/4	7/8×3/16	7/8×5/8
	1 5/16-1 3/8	5/16×5/32	5/16×5/16		3 7/8-3 15/16	1×1/8	1×5/8
SK	1 7/16-1 11/16	3/8×3/16	3/8×3/8	M	4	No key	No key
	1 3/4	3/8×1/8	3/8×5/16		1 7/16-1 3/4	3/8×3/16	3/8×3/8
	1 13/16	1/2×1/8	1/2×3/8		1 13/16-2 1/4	1/2×1/4	1/2×1/2
	1 7/8-1 15/16	1/2×1 15/16	1/2×5/16		2 5/16-2 3/4	5/8×5/16	5/8×5/8
	2	No key	No key		2 13/16-3 1/4	3/4×3/8	3/4×3/4
SF	1/2-9/16	1/8×1/16	1/8×1/8	N	3 3/8-3 3/4	7/8×7/16	7/8×7/8
	5/8-7/8	3/16×3/32	3/16×3/16		4-4 1/2	1×3/8	1×7/8
	15/16-1 1/4	1/4×1/8	1/4×1/4		1 15/16-2 1/4	1×1/8	1×5/8
	1 5/16-1 3/8	5/16×5/32	5/16×5/16		2 5/16-2 3/4	5/8×5/16	5/8×5/8
	1 7/16-1 3/4	3/8×3/16	3/8×3/8		2 13/16-3 1/4	3/4×3/8	3/4×3/4
SF	1 13/16-2 1/8	1/2×1/4	1/2×1/2	M	3 3/8-3 3/4	7/8×7/16	7/8×7/8
	2 3/16-2 1/4	1/2×1/8	1/2×3/8		3 13/16-4 1/2	1×1/2	1×1
	2 5/16-2 1/2	5/8×1/16	5/8×3/8		4 5/8-4 3/4	1 1/4×5/8	1 1/4×1 1/4
	2 5/8-2 9/16	No key	No key		4 7/8-5 1/2	1 1/4×1/4	1 1/4×7/8
	1/2-9/16	1/8×1/16	1/8×1/8		N	2 13/16-3 1/4	3/4×3/8
5/8-7/8	3/16×3/32	3/16×3/16	3 3/8-3 3/4	7/8×7/16		7/8×7/8	
15/16-1 1/4	1/4×1/8	1/4×1/4	3 13/16-4 1/2	1×1/2		1×1	
1 5/16-1 3/8	5/16×5/32	5/16×5/16	4 5/8-4 3/4	1/4×5/8		1 1/4×1 1/4	
1 7/16-1 3/4	3/8×3/16	3/8×3/8	4 7/8-5 1/2	1 1/4×1/4		1 1/4×7/8	
SF	1 13/16-2 1/4	1/2×1/4	1/2×1/2	N	5 7/8	1 1/2×1/4	1 1/2×1
	2 5/16-2 1/2	5/8×3/16	5/8×1/2				

QD BUSHING

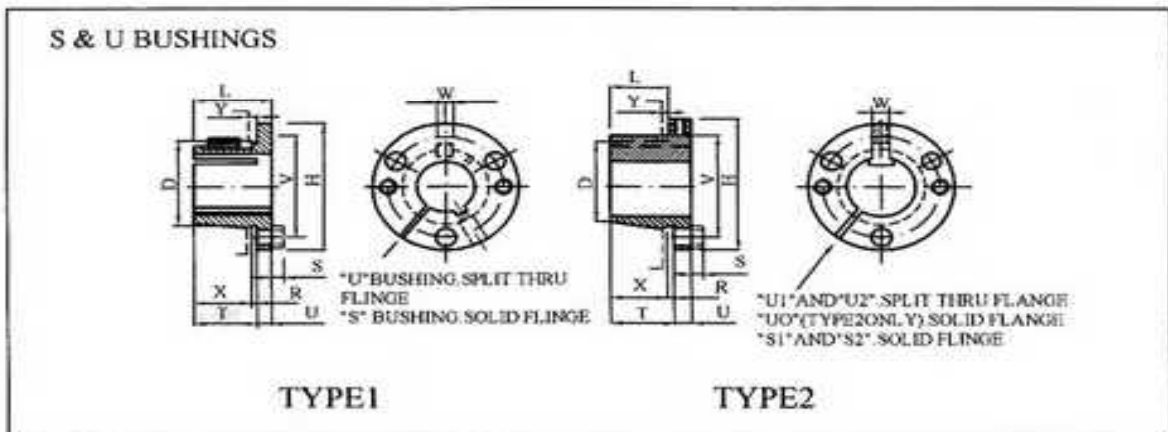
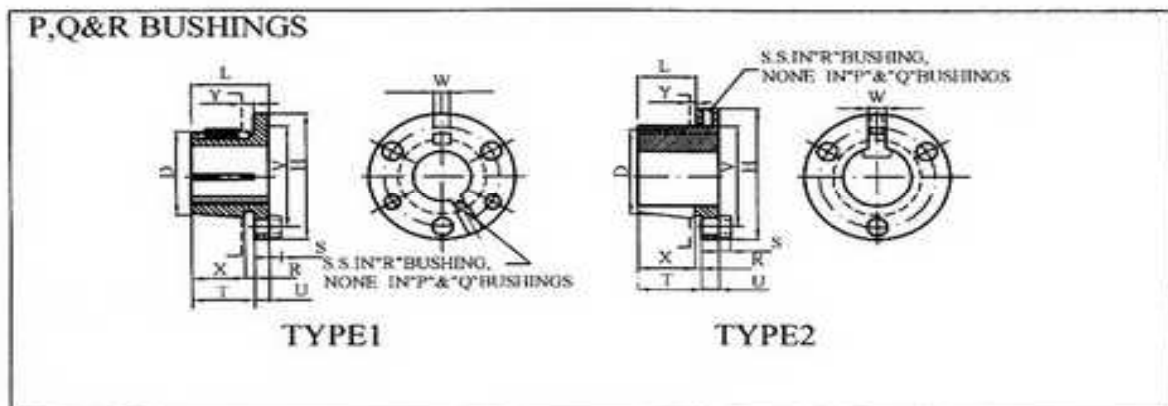
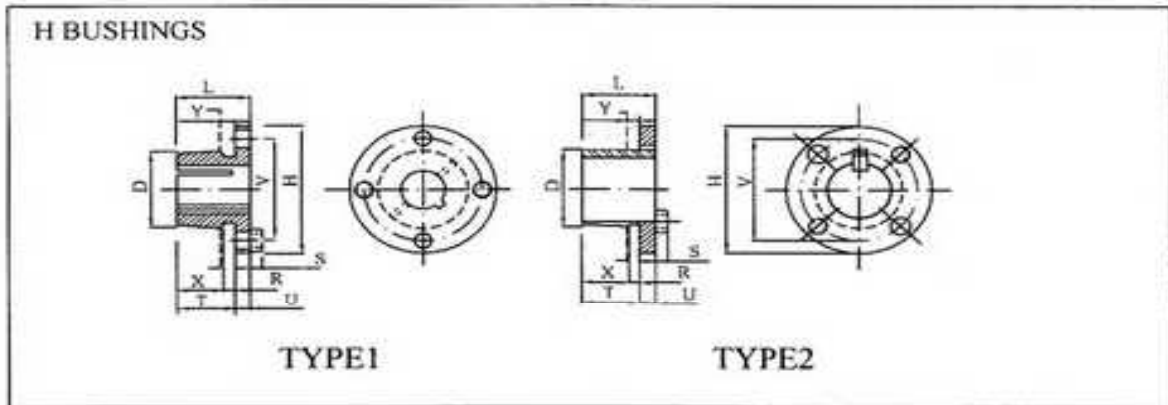
QD BUSHING DIMENSIONS

Metric

SIZE	Bore Range-mm	Key seat-mm
H	10,11	No key
	14,15,16	5x5
	18,19,20,22	6x6
	24,25,28,30	8x7
	32,35,38	10x8
JA	15,16	5x5
	19,20	6x6
	24,25,28	8x7
SH	20,22	6x6
	24,25,28,30	8x7
	32,35,38	10x8
SDS	24,25,28,30	8x7
	32,35,38	10x8
	40,42	12x8
SD	25,24,28,30	8x7
	32,35,38	10x8
	40,42	12x8
SK	14	5x5
	24,25,28,30	8x7
	32,35,38	10x8
	40,42	12x8
	45,48,50	14x9
	55	16x10
	60	18x11
SF	28,30	8x7
	32,35,38	10x8
	40,42	12x8
	45,48,50	14x9
	55	16x10
	60,65	18x11
E	35,38	10x8
	40,42	12x8
	45,48,50	14x9
	55	16x10
	60,65	18x11
	70,75	20x12
F	80	22x14
	42	12x8
	45,48,50	14x9
	55	16x10
	60,65	18x11
	70,75	20x12
J	80,85	22x14
	90,95	25x14
	100	28x16
	50	14x9
	55	16x10
	60,65	18x11
M	70,75	20x12
	80	22x14
	90	25x14
	100	28x16
N	100	28x16
	120	32x18
	120	32x18

SPLIT TAPER BUSHING

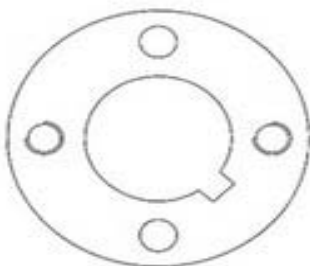
All dimensions in INCHES unless otherwise specified



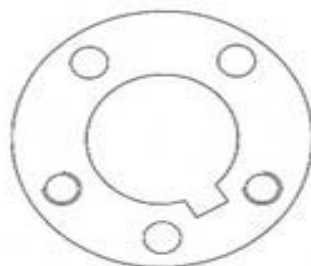
SPLIT TAPER BUSHING



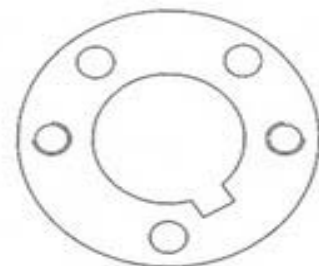
SPLIT TAPER BUSHINGS H, P, Q, R, S, & U															
BUSHING NO.	L	E	T	D		H	V	W	X	Y	R	S	CAP SCREWS		
				LARGE END	SMALL END								NO.	SIZE	
H	1 1/4	1/4	1	1.6250	1.5200	2 1/4	2	-	7/8	3/16	1/8	3/16	2	1/4X3/4	
P1	1 15/16	13/32	1 17/32	1.9375	1.8565	3	2 7/16	3/8	1 15/16	7/32	7/32	1/4	3	6/16X1	
P2	2 15/16	13/32	2 17/32	1.9375	1.7930	3	2 7/16	3/8	2 15/16	7/32	7/32	1/4	3	5/16X1	
Q1	2 1/2	17/32	1 31/32	2.8750	2.7657	4 1/8	3 3/8	1/2	1 3/4	7/32	7/32	9/32	3	3/8X1 1/4	
Q2	3 1/2	17/32	2 31/32	2.8750	1.7032	4 1/8	3 3/8	1/2	2 3/4	7/32	7/32	9/32	3	3/8X1 1/8	
R1	2 7/8	5/8	2 1/4	4.0000	3.8750	5 3/8	4 5/8	3/4	2	1/4	1/4	9/32	3	3/8X1 3/4	
R2	4 7/8	5/8	4 1/4	4.0000	3.7500	5 3/8	4 5/8	3/4	4	1/4	1/4	9/32	3	3/8X1 3/4	
S1	4 3/8	3/4	3 5/8	4.6250	4.4180	6 3/8	5 3/8	3/4	3 15/16	5/16	5/16	3/8	3	1/2X2 1/4	
S2	6 3/4	3/4	6	4.6250	4.2696	6 3/8	5 3/8	3/4	5 11/16	5/16	5/16	3/8	3	1/2X2 1/4	
U0	4 15/16	3/4	4 3/16	6.0000	5.7656	8 3/8	7	1 1/4	3 3/4	7/16	7/16	15/32	3	5/8X2 3/4	
U1	7 1/8	1 1/16	6 1/16	6.0000	5.6485	8 3/8	7	1 1/4	5 5/8	7/16	7/16	15/32	3	5/8X2 3/4	
U2	10 1/8	1 1/16	9 1/16	6.0000	5.4610	8 3/8	7	1 1/4	8 5/8	7/16	7/16	15/32	3	5/8X2 3/4	



H



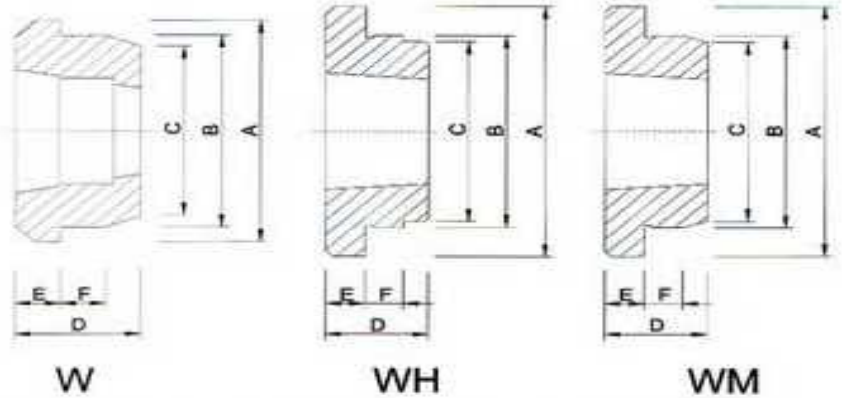
P,Q,R



S&U

Recommended Wrench Torque								
Bushing No.	Screws	Wrench Torque (Pounds-inches)	Bushing No.	Screws	Wrench Torque (Pounds-inches)	Bushing No.	Screws	Wrench Torque (Pounds-inches)
H	1/4X3/4	95	Q2	3/8X1 1/4	348	S2	1/2X2 1/4	840
P1	5/16X1	192	R1	3/8X1 3/4	348	U0	5/8X2 3/4	1680
P2	5/16X1	192	R2	3/8X1 3/4	348	U1	5/8X2 3/4	1680
Q1	3/8X1 1/4	348	S1	1/2X2 1/4	840	U2	5/8X2 3/4	1680

WELD-ON-HUB



SIZE 规格	Bushing 锥套	A	B	C	D	E	F
WH12	1210	70	65	64.5	25	9	10
WH16-1	1610	80	75	74.5	25	9	10
WH20	2012	95	90	89.5	32	12	12
WH25	2517	115	110	109.5	44	19	15
WH30-2	3020	145	140	139.5	50	20	15
WH35	3525	190	180	179.5	65	25	25
WH40	4040	200	190	189.5	101	32	30
WH45	4545	210	200	199.5	114	40	30
WH50	5050	230	220	219.5	127	40	35

SIZE 规格	Bushing 锥套	A	B	C	D	E	F
W12	1215	73.03	63.50	62.17	38.10	15.88	9.53
W16	1615	82.55	73.03	72.24	38.10	15.88	9.53
W20	2017	101.60	88.90	88.11	44.45	19.05	14.45
W25	2517	127.00	111.13	110.34	44.45	19.05	12.70
W30	3030	149.86	133.35	132.56	76.20	25.40	19.05
W35	3535	184.15	158.75	157.96	88.90	31.75	25.40
W40	4040	225.43	196.85	196.06	101.60	31.75	31.75
W45	4545	254.00	222.25	221.46	114.30	38.10	38.10

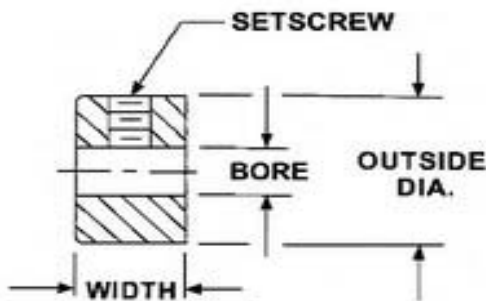
SIZE 规格	Bushing 锥套	A	B	C	D	E	F
WM12	1210	70.00	60.00	58.00	25.00	9.00	10.00
WM16-1	1610	83.00	70.00	68.00	25.00	9.00	10.00
WM16-2	1615	83.00	70.00	68.00	38.00	16.00	11.00
WM20	2012	95.00	90.00	88.00	32.00	12.00	12.00
WM25	2517	127.00	110.00	108.00	44.00	19.00	13.00
WM30-1	3020	152.00	130.00	125.00	50.00	20.00	15.00
WM30-2	3030	152.00	130.00	125.00	76.00	25.00	19.00
WM35	3535	184.00	155.00	151.00	89.00	32.00	25.00
WM40	4040	225.00	195.00	187.00	102.00	32.00	32.00
WM45	4545	254.00	220.00	213.00	114.00	38.00	38.00
WM50	5050	270.00	242.00	228.00	127.00	38.00	38.00

SHAFT COLLAR



BORE SIZES FROM 1/8" TO 3"

Bore	O.D.	Width	Set Screw	Catalog Number
1/8	3/8	1/4	6-32x1/8	C-12
3/16	7/16		8-32x1/8	C-18
1/4	1/2	5/16	10-32x1/8	C-25
5/16	5/8			C-31
3/8	3/4	3/8	1/4-20x3/16	C-37
7/16	7/8	7/16	1/4-20x1/4	C-43
1/2	1			C-50
9/16				C-56
5/8		1/2	5/16-18x1/4	C-62
11/16		9/16		C-68
3/4				C-75
13/16	1-5/16			C-81
7/8	1-1/2			C-87
15/16				C-93
1	1-5/8	5/8		C-100
1-1/16	1-3/4			C-106
1-1/8			3/16-18x5/16	C-112
1-3/16	2	11/16	3/8-18x3/8	C-118
1-1/4				C-125
1-5/16	2-1/8			C-131
1-3/8		3/4		C-137
1-7/16	2-1/4			C-143
1-1/2				C-150
1-9/16	2-1/2	13/16		C-156
1-5/8				C-162
1-11/16			1/2-13x1/2	C-168
1-3/4	2-5/8	7/8		C-175
1-13/16	2-3/4			C-181
1-7/8				C-187
1-15/16	3			C-193
2				C-200
2-1/8				C-212
2-3/16	3-1/4	15/16		C-218
2-1/4				C-225
2-5/16				C-231
2-3/8				C-237
2-7/16	3-1/2	1		C-243
2-1/2				C-250
2-9/16	3-3/4			C-256
2-5/8	4	1-1/8		C-262
2-11/16				C-268
2-3/4				C-275
2-7/8	4-1/4			C-287
2-15/16				C-293
3				C-300



材质: (Material)

1 钢镀三阶锌

(Steel with ROHS Coating)

2 不锈钢 (Stainless Steel)

3 铝 (Aluminium)

ALL DIMENSIONS IN INCHES
ORDER BY CATALOG NUMBER
METRIC SIZES ALSO AVAILABLE

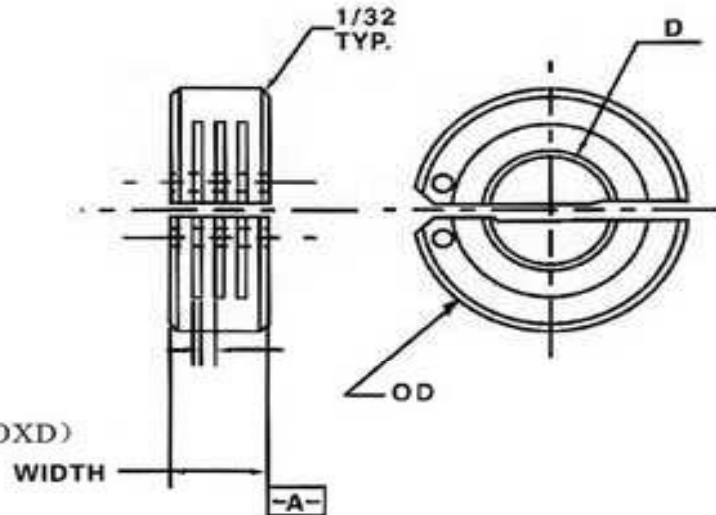
SHAFT COLLAR



材质: (Material)

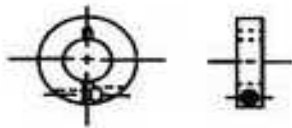
1 不锈钢 (Stainless Steel)

2 钢发黑 (Steel With BLK OXD)

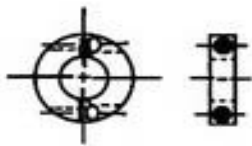


BORE	DIMENSIONS			SCREW	STEEL	STAINLESS
	I. D.	O. D.	WIDTH		PART NO.	PART NO.
3/8	0.375	0.875	0.375	6-32	LC-037	LS-037
1/2	0.500	1.125	0.406	8-32	LC-050	LS-050
5/8	0.625	1.313	0.438	10-32	LC-062	LS-062
3/4	0.750	1.500	0.500	1/4 28	LC-075	LS-075
7/8	0.875	1.625	0.500	1/4 28	LC-088	LS-088
1	1.000	1.750	0.500	1/4 28	LC-100	LS-100
1 1/8	1.125	1.875	0.500	1/4 28	LC-112	LS-112
1 3/16	1.188	2.063	0.500	1/4 28	LC-118	LS-118
1 1/4	1.250	2.063	0.500	1/4 28	LC-125	LS-125
1 3/8	1.375	2.250	0.563	1/4 28	LC-137	LS-137
1 7/16	1.438	2.250	0.563	1/4 28	LC-143	LS-143
1 1/2	1.500	2.375	0.563	1/4 28	LC-150	LS-150
1 3/4	1.750	2.750	0.688	5/16 24	LC-175	LS-175
1 15/16	1.938	3.000	0.688	5/16 24	LC-193	LS-193
2	2.000	3.000	0.688	5/16 24	LC-200	LS-200

SHAFT COLLAR



1-PIECE COLLAR



2-PIECE COLLAR

材质: (Material)

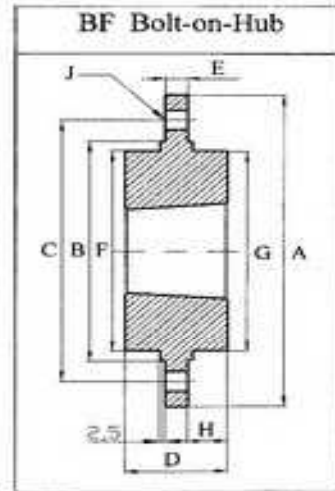
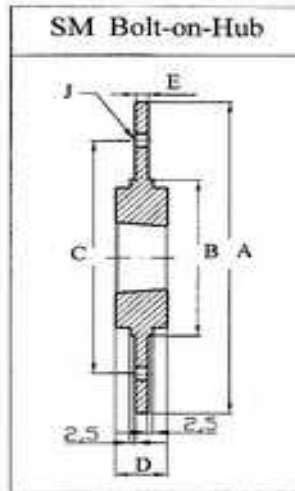
- 1 钢镀三阶锌 (Steel with ROHS Coating)
- 2 钢发黑 (Steel With BLK OXD)
- 3 不锈钢 (Stainless Steel)
- 4 铝 (Aluminium)

BORE SIZES FROM 1/8" TO 3"

Bore	O.D.	Width	Screw(s)	Catalog Number	
				1-Piece	2-Piece
1/8	1/2	1/4	4-40X3/8	C1-12	C2-12
3/16	5/8	5/16		C1-18	C2-18
1/4	11/16			C1-25	C2-25
5/16				C1-31	C2-31
3/8	7/8	11/32	6-32X3/8	C1-37	C2-37
7/16	15/16	3/8		C1-43	C2-43
1/2	1-1/8	13/32	8-32X1/2	C1-59	C2-59
9/16	1-1/4	7/16		10-32X1/2	C1-65
5/8	1-5/16		C1-62		C2-62
11/16	1-3/8		C1-68		C2-68
3/4	1-1/2	1/2	1/4-28X3/8		C1-75
13/16	1-5/8			C1-81	C2-81
7/8				C1-87	C2-87
15/16	1-3/4			C1-93	C2-93
1				C1-109	C2-109
1-1/16	1-7/8			C1-106	C2-106
1-1/8				C1-112	C2-112
1-3/16	2-1/16			C1-118	C2-118
1-1/4				C1-125	C2-125
1-5/16	2-1/8	9/16		5/16-24X7/8	C1-131
1-3/8	2-1/4		C1-137		C2-137
1-7/16			C1-143		C2-143
1-1/2	2-3/8		C1-150		C2-150
1-9/16			C1-156		C2-156
1-5/8	2-5/8	11/16	C1-162		C2-162
1-11/16	2-3/4		C1-168		C2-168
1-3/4			C1-175		C2-175
1-13/16	2-7/8		C1-181		C2-181
1-7/8			C1-187		C2-187
1-15/16	3		C1-193	C2-193	
2			C1-200	C2-200	
2-1/16	3-1/8	3/4	3/8-24X7/8	C1-206	C2-206
2-1/8	3-1/4			C1-212	C2-212
2-3/16				C1-218	C2-218
2-1/4				C1-225	C2-225
2-5/16	3-3/8			C1-231	C2-231
2-3/8	3-1/2			C1-237	C2-237
2-7/16				C1-243	C2-243
2-1/2	3-3/4	7/8		C1-250	C2-250
2-9/16	3-7/8			C1-256	C2-256
2-5/8				C1-262	C2-262
2-11/16	4		C1-268	C2-268	
2-3/4			C1-275	C2-275	
2-13/16	4-1/4		C1-281	C2-281	
2-7/8			C1-287	C2-287	
2-15/16			C1-293	C2-293	
3			C1-300	C2-300	

METRIC SIZES ALSO AVAILABLE

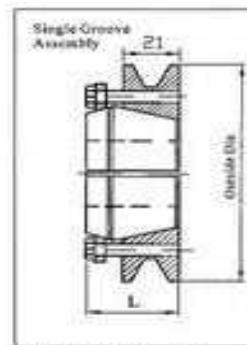
BOLT-ON-HUB



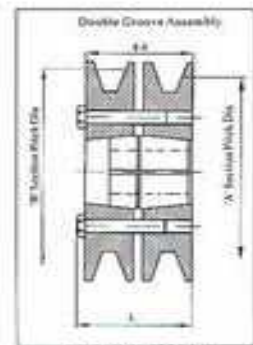
Hub Reference	Bush Number	A	B	C	D	E	J No. × Diam
SM 12	1210	180	90	135	26	6.5	6 × 7.5
SM 16-1	1610	200	110	150	26	7.5	6 × 7.5
SM 16-2	1615	200	110	150	38	7.5	6 × 7.5
SM 20	2012	270	140	190	32	8.5	6 × 9.5
SM 25	2517	340	170	240	45	9.5	6 × 11.5
SM 30-1	3020	430	220	300	51	13.5	8 × 13.5
SM 30-2	3020	485	250	340	51	13.5	8 × 13.5

Hub Reference	Bush Number	A	B	C	D	E	G	H	J No. × Diam
BF 12	1210	120	80	100	25	5.5	80	10	6 × 7.5
BF 16	1610	130	90	110	25	6.5	90	10	6 × 7.5
BF 20	2012	145	100	125	32	8.5	100	13	6 × 9.5
BF 25	2517	185	130	155	44	11.5	119	20	8 × 11.5
BF 30	3020	220	165	190	50	11.5	147	20	8 × 13.5

BI-PCD-PULLEY



L1=Bush No.1-30, No.3-36

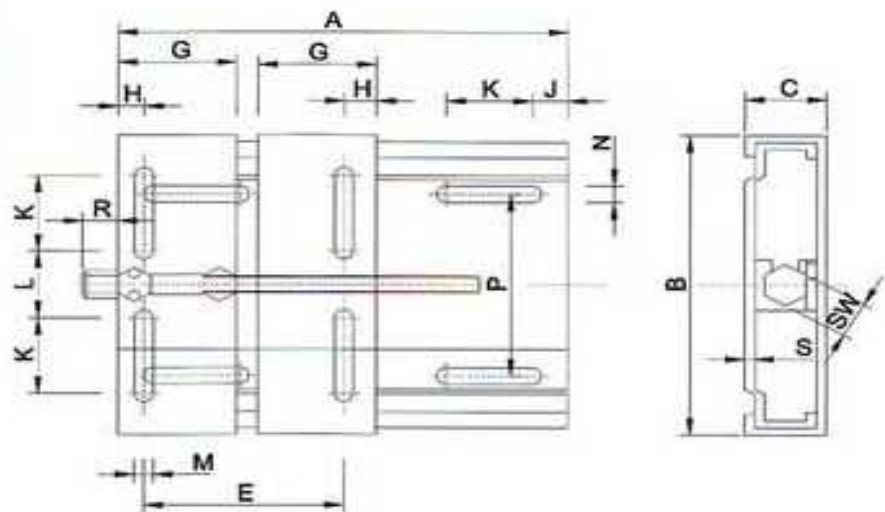


L2=Bush No. 1-48, No.3-54

BI PCD PULLEYS				
Pulley Size	Pitch Dia	Outside Dia	Mass Kg.	Suitable Bush Retainer Size
71A	81	83	0.35	1
75A	85	92	0.4	
80A	90	97	0.45	
85A	95	102	0.5	
90A	100	107	0.55	
95A	105	111	0.65	
100A	110	117	0.75	
106A	116	123	0.8	
112A	122	129	0.95	
118A	128	135	1	
125A	135	142	1.05	
132A	142	149	1.1	
140A	150	157	1.35	
150A	160	167	1.45	
160A	170	177	1.65	
180A	190	197	1.9	
200A	209	216	2.2	
224A	233	240	2.4	
250A	259	266	2.75	
280A	289	296	3.1	
315A	324	331	3.6	
355A	364	371	4.1	
400A	409	416	6.35	
450A	459	466	7.3	

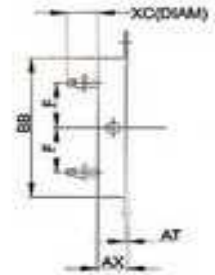
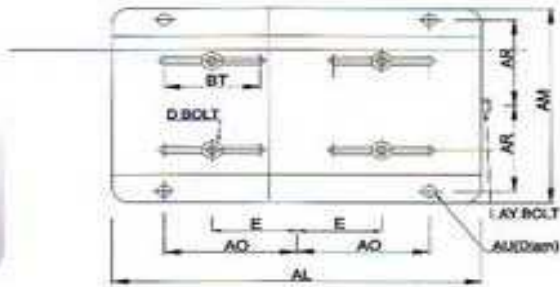
BI-PCD BUSHES			
BUSH NO. 1		BUSH NO. 2	
METRIC	IMPERIAL	METRIC	IMPERIAL
11	0.375	16	0.5
12	0.437	18	0.562
14	0.5	19	0.675
15	0.562	20	0.687
16	0.625	22	0.75
18	0.687	24	0.812
19	0.75	25	0.875
20	0.812	28	0.937
22	0.875	30	1
24	0.937	32	1.062
25	1	35	1.125
28	1.062	38	1.187
	1.125	40	1.25
		42	1.312
			1.375
			1.437
			1.5
			1.562
			1.625

MOTOR MOUNTING

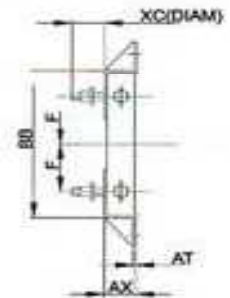
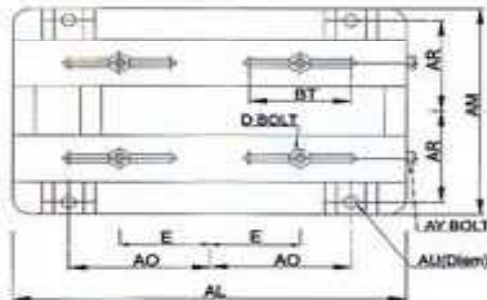


SIZE 规格	Motor Baugrosse 电机机座	A	B	C	E _{min}	E _{max}	G	H	J	K	L	M	N	P	R	SW	S
SM63/80	63-71-80	210	195	33	100	170	70	20	25	50	43	10.5	10.5	98	30	19	3
SM63/100	63-71-80-90-100	270	195	33	100	230	70	20	25	50	43	10.5	10.5	98	30	19	3
SM90/112	90-100-112	307	213	33	100	265	70	20	29	50	62	10.5	10.5	108	30	19	3
SM90/132	90-100-112-132	430	290	40	140	380	95	27	29	62.5	90	13	13	165	30	22	4
SM90/132-2	90-100-112-132	340	290	40	140	290	95	27	29	62.5	90	13	13	165	30	22	4
SM160/180	160-180	490	370	40	254	410	110	40	30	62	163	13	13	247	30	22	4
SM180/200	180-200	490	410	40	254	400	110	45	30	60	225	17	17	285	30	22	4

MOTOR MOUNTING



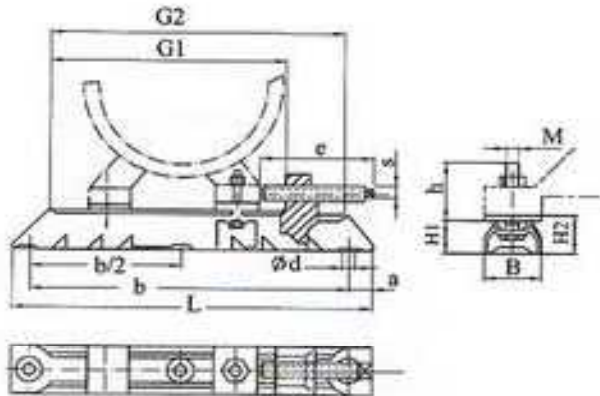
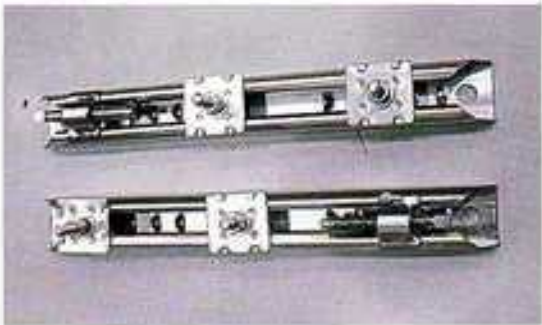
FRABE PART NO.	AL	AM	AX	BB	E	F	AO	AR	AU	BT	AT	XC	D BOLT	AT BOLT
56	10-5/8	6-1/2	1-1/8	4-1/2	2-7/16	1-1/2	3-13/16	2-7/8	3/8	3	.078	7/8	5/16 x 1	3/8 x 4
143	10-1/2	7-1/2	1-1/8	5-1/2	2-3/4	2	3-3/4	3-3/8	3/8	3	.119	13/16	5/16 x 1	3/8 x 4
145	10-1/2	8-1/2	1-1/8	6-1/2	2-3/4	2-1/2	3-3/4	3-7/8	3/8	3	.119	13/16	5/16 x 1	3/8 x 4
182	12-3/4	9-1/2	1-1/2	6-1/2	3-3/4	2-1/4	4-1/2	4-1/4	1/2	3	.134	1-1/4	3/8 x 1-1/2	1/2 x 6
184	12-3/4	10-1/2	1-1/2	7-1/2	3-3/4	2-3/4	4-1/2	4-3/4	1/2	3	.134	1-1/4	3/8 x 1-1/2	1/2 x 6
213	15	11	1-3/4	7-1/2	4-1/4	2-3/4	5-1/4	4-3/4	1/2	3-1/2	.164	1-1/4	3/8 x 1-1/2	1/2 x 6
215	15	12-1/2	1-3/4	9	4-1/4	3-1/2	5-1/4	5-1/2	1/2	3-1/2	.164	1-1/4	3/8 x 1-1/2	1/2 x 6



FRABE PART NO.	AL	AM	AX	BB	E	F	AO	AR	AU	BT	AT	XC	D BOLT	AT BOLT
254B2	17-3/4	15-1/8	2	10-3/4	5	4-1/8	6-1/4	6-5/8	5/8	4	3/16	1-3/8	1/2 x 1-3/4	5/8 x 9
256B2	17-3/4	16-7/8	2	12-1/2	5	5	6-1/4	7-1/2	5/8	4	3/16	1-3/8	1/2 x 1-3/4	5/8 x 9
284B2	19-3/4	16-7/8	2	12-1/2	5-1/2	4-3/4	7	7-1/2	5/8	4-1/2	3/16	1-5/8	1/2 x 2	5/8 x 9
286B3	19-3/4	18-3/8	2	14	5-1/2	5-1/2	7	8-1/4	5/8	4-1/2	3/16	1-5/8	1/2 x 2	5/8 x 9
24B2	22-3/4	19-1/4	2-1/2	14	6-1/4	5-1/4	8	8-1/2	3/4	5-1/4	3/16	2-1/8	5/8 x 2-1/2	3/4 x 9
325B2	22-3/4	20-3/4	2-1/2	15-1/2	6-1/4	6	8	9-1/4	3/4	5-1/4	3/16	2-1/8	5/8 x 2-1/2	3/4 x 9
364B2	25-1/2	20-1/2	2-1/2	15-1/2	7	5-5/8	9	9-1/8	3/4	6	1/4	2	5/8 x 2-1/2	3/4 x 11
365B2	25-1/2	21-1/2	2-1/2	16-1/2	7	6-1/8	9	9-5/8	3/4	6	1/4	2	5/8 x 2-1/2	3/4 x 11
404B2	28-3/4	22-3/8	3	16-1/2	8	6-1/8	10	9-7/8	7/8	7	1/4	2-9/16	3/4 x 3	3/4 x 14
405B2	28-3/4	23-7/8	3	18	8	6-7/8	10	10-5/8	7/8	7	1/4	2-9/16	3/4 x 3	3/4 x 14
444B2	31-1/4	24-5/8	3	19-1/4	9	7-1/4	11	11	7/8	7-1/2	5/16	2-1/2	3/4 x 3	3/4 x 14
445B2	31-1/4	26-5/8	3	21-1/4	9	8-1/4	11	12	7/8	7-1/2	5/16	2-1/2	3/4 x 3	3/4 x 14
447B2	31-1/4	30-1/8	3	24-3/4	9	10	11	13-3/4	7/8	7-1/2	5/16	2-1/2	3/4 x 3	3/4 x 14
449B2	31-1/4	35-1/8	3	29-3/4	9	12-1/2	11	16-1/4	7/8	7-1/2	5/16	2-1/2	3/4 x 3	3/4 x 14

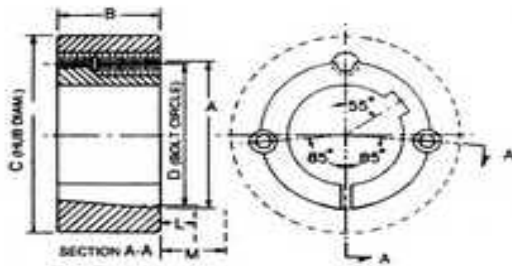


MOTOR SLIDER RAIL

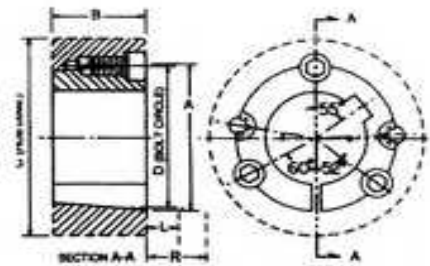


Type	Total Length L	Slide Length G_1	Motor-type	Mxh	eXs	G_2	a	b	b/2	ϕd	B	H_1	H_2	G.W. (kg)
312/6	312	240	63/71	M6x19	75x6	262	16	280	-	12	40	28	30	1.4
312/8	312	240	80/90	M8x27	75x6	262	16	280	-	12	40	28	30	1.5
375/6	375	305	63/71	M6x19	75x6	325	16	343	-	12	40	28	30	1.5
375/8	375	305	80/90	M8x27	75x6	325	16	343	-	12	40	28	30	1.6
375/10	375	305	100/112	M10x32	75x6	325	16	343	-	12	40	28	30	1.6
395/8	395	302	80/90	M8x28	97x8	325	20	355	-	12	50	40	43	3.4
395/10	395	302	100/112	M10x35	97x8	325	20	355	-	12	50	40	43	3.4
495/8	495	405	80/90	M8x29	97x8	425	20	455	-	12	50	40	43	4
495/10	495	405	100/112/132	M10x35	97x8	425	20	455	-	12	50	40	43	4
495/12	495	405	160	M12x49	97x8	425	20	455	-	12	50	40	43	4
530/10	530	413	132	M10x37	119x9	442	25	480	-	14	60	50	54	6.4
530/12	530	413	160	M12x49	119x9	442	25	480	-	14	60	50	54	6.4
630/10	630	515	132	M10x37	119x9	542	25	580	-	14	60	50	54	8.2
630/12	630	515	160/180	M12x45	119x9	542	25	580	-	14	60	50	54	8.2
686/12	686	538	160/180	M12x43	154x12	575	28	630	315	18	75	60	64	12.8
686/16	686	538	200/225	M16x62	154x12	575	28	630	315	18	75	60	64	12.8
864/16	864	700	200/225	M16x69	300x16	810	32	800	400	24	90	75	-	16.6
864/20	864	700	250/280	M20x68	300x16	810	32	800	400	24	90	75	-	16.6
1072/20	1072	865	250/280	M20x77	360x19	995	36	1000	500	30	112	100	-	33.4
1072/24	1072	865	315	M24x88	360x19	995	36	1000	500	30	112	100	-	33.5
1330/24	1330	1065	315/355	M24x95	430x21	1215	40	1250	625	30	130	125	-	56.6

BUSHINGS



1008-3030



3525-5050

Bushing Number	A	B	C	D	螺丝尺寸 (BSW)
1008	35.2	22.2	60.3	33.7	1/4" X 1/2"
1108	38.4	22.2	63.5	36.9	1/4" X 1/2"
1210	47.6	25.4	92.1	44.5	3/8" X 5/8"
1215	47.6	38.1	79.4	44.5	3/8" X 5/8"
1310	50.8	25.4	95.3	47.6	3/8" X 5/8"
1610	57.2	25.4	101.6	54.0	3/8" X 5/8"
1615	57.2	38.1	88.9	54.0	3/8" X 5/8"
2012	69.9	31.8	120.7	66.7	7/16" X 7/8"
2517	85.7	44.5	139.7	82.6	1/2" X 1"
2525	85.7	63.5	120.7	82.6	3/8" X 1"
3020	108.0	50.8	177.8	101.6	5/8" X 1 1/4"
3030	108.0	76.2	158.8	101.6	7/8" X 1 1/4"
3525	127.0	63.5	197.0	123.0	1/2" X 1 1/2"
3535	127.0	89.0	197.0	123.0	1/2" X 1 1/2"
4030	146.0	76.2	241.0	141.0	5/8" X 1 3/4"
4040	146.0	102.0	241.0	141.0	5/8" X 1 3/4"
4535	161.0	89.0	267.0	156.0	3/4" X 2"
4545	161.0	114.0	267.0	156.0	3/4" X 2"
5040	178.0	101.6	292.0	171.0	7/8" X 2 1/4"
5050	178.0	127.0	292.0	171.0	7/8" X 2 1/4"



Taper Lock Bush Sizes METRIC

Metric Bores and Keyways (公制孔径和键槽)

孔径 Bore Dia.	键槽 Width Depth		Shallow Keyway Depth	Bore Sizes Available								
	Width	Depth		1008	1108	1210	1610	1615	2012	2517	3020	3030
9	3	1.4	—	*	*							
10	3	1.4	—	*	*							
11	4	1.8	—	*	*	*						
12	4	1.8	—	*	*	*						
14	5	2.3	—	*	*	*	*	*	*			
15	5	2.3	—	*	*	*	*	*	*			
16	5	2.3	—	*	*	*	*	*	*	*		
18	6	2.8	—	*	*	*	*	*	*	*		
19	6	2.8	—	*	*	*	*	*	*	*		
20	6	2.8	—	*	*	*	*	*	*	*		
22	6	2.8	—	*	*	*	*	*	*	*		
24	8	3.3	1.3	*	*	*	*	*	*	*	*	
25	8	3.3	1.3	*	*	*	*	*	*	*	*	
28	8	3.3	1.3	*	*	*	*	*	*	*	*	*
30	8	3.3	—	*	*	*	*	*	*	*	*	*
32	10	3.3	—	*	*	*	*	*	*	*	*	*
35	10	3.3	—	*	*	*	*	*	*	*	*	*
38	10	3.3	—	*	*	*	*	*	*	*	*	*
40	12	3.3	—	*	*	*	*	*	*	*	*	*
42	12	3.3	—	*	*	*	*	*	*	*	*	*
45	14	3.8	—	*	*	*	*	*	*	*	*	*
48	14	3.8	—	*	*	*	*	*	*	*	*	*
50	14	3.8	—	*	*	*	*	*	*	*	*	*
55	16	4.3	—	*	*	*	*	*	*	*	*	*
60	18	4.4	—	*	*	*	*	*	*	*	*	*
65	18	4.4	—	*	*	*	*	*	*	*	*	*
70	20	4.9	—	*	*	*	*	*	*	*	*	*
75	20	4.9	—	*	*	*	*	*	*	*	*	*

带“*”为有一个浅键槽。

孔径 Bore Dia.	键槽 Width Depth		Shallow Keyway Depth	Bore Sizes Available							
	Width	Depth		3525	3535	4030	4040	4535	4545	5040	5050
35	10	3.3	—	*	*						
38	10	3.3	—	*	*						
40	12	3.3	—	*	*	*	*				
42	12	3.3	—	*	*	*	*				
45	14	3.8	—	*	*	*	*				
48	14	3.8	—	*	*	*	*				
50	14	3.8	—	*	*	*	*				
55	16	4.3	—	*	*	*	*	*	*		
60	18	4.4	—	*	*	*	*	*	*		
65	18	4.4	—	*	*	*	*	*	*		
70	20	4.9	—	*	*	*	*	*	*	*	*
75	20	4.9	—	*	*	*	*	*	*	*	*
80	22	5.4	—	*	*	*	*	*	*	*	*
85	22	5.4	—	*	*	*	*	*	*	*	*
90	25	5.4	—	*	*	*	*	*	*	*	*
95	25	5.4	—	*	*	*	*	*	*	*	*
100	28	6.4	4.4	*	*	*	*	*	*	*	*
105	28	6.4	—	*	*	*	*	*	*	*	*
110	28	6.4	—	*	*	*	*	*	*	*	*
115	32	7.4	5.4	*	*	*	*	*	*	*	*
120	32	7.4	—	*	*	*	*	*	*	*	*
125	32	7.4	—	*	*	*	*	*	*	*	*
130	32	7.4	—	*	*	*	*	*	*	*	*
140	32	8.4	8.4	*	*	*	*	*	*	*	*

带“*”为有一个浅键槽。



Taper Lock Bush Sizes IMPERIAL

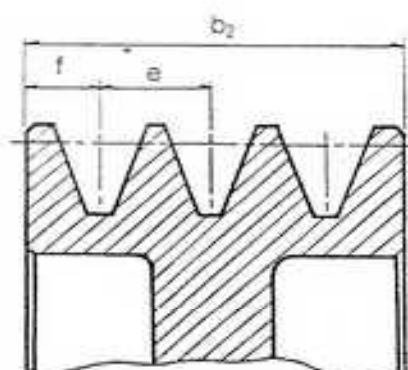
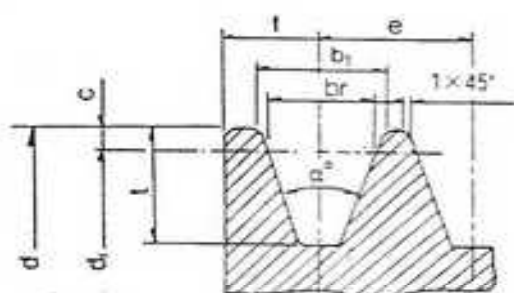
Inch Bores and Keyways (英制孔径和键槽)

孔径 Bore Dia.	键槽 Width Depth		Shallow Keyway Depth	Bore Sizes Available								
	Width	Depth		1008	1108	1210	1610	1615	2012	2517	3020	3030
0.375	0.125	0.06	—	*	*							
0.500	0.125	0.06	—	*	*							
0.625	0.187	0.09	—	*	*	*	*	*				
0.750	0.187	0.09	—	*	*	*	*	*	*			
0.875	0.250	0.12	—	*	*	*	*	*	*	*		
1.000	0.250	0.12	0.062	**	*	*	*	*	*	*		
1.125	0.312	0.11	0.064		*	*	*	*	*	*		
1.250	0.312	0.11	—		*	*	*	*	*	*	*	*
1.375	0.375	0.11	—			*	*	*	*	*	*	*
1.500	0.375	0.11	—			*	*	*	*	*	*	*
1.625	0.437	0.13	0.103				*	**	*	*	*	*
1.750	0.437	0.13	—					*	*	*	*	*
1.875	0.500	0.13	—					*	*	*	*	*
2.000	0.500	0.13	—					*	*	*	*	*
2.125	0.625	0.18	—					*	*	*	*	*
2.250	0.625	0.18	—						*	*	*	*
2.375	0.625	0.18	—						*	*	*	*
2.500	0.625	0.18	—						*	*	*	*
2.625	0.750	0.21	—						*	*	*	*
2.750	0.750	0.21	—						*	*	*	*
2.875	0.750	0.21	—						*	*	*	*
3.000	0.750	0.21	—						*	*	*	*

带 "*" 为有一个浅键槽.

孔径 Bore Dia.	键槽 Width Depth		Shallow Keyway Depth	Bore Sizes Available								
	Width	Depth		3525	3535	4030	4040	4535	4545	5040	5050	
1.500	0.375	0.11	—	*	*							
1.625	0.437	0.13	—	*	*							
1.750	0.437	0.13	—	*	*	*	*					
1.875	0.500	0.13	—	*	*	*	*					
2.000	0.500	0.13	—	*	*	*	*					
2.125	0.625	0.18	—	*	*	*	*	*	*			
2.250	0.625	0.18	—	*	*	*	*	*	*			
2.375	0.625	0.18	—	*	*	*	*	*	*			
2.500	0.625	0.18	—	*	*	*	*	*	*			
2.625	0.750	0.21	—	*	*	*	*	*	*	*	*	*
2.750	0.750	0.21	—	*	*	*	*	*	*	*	*	*
2.875	0.750	0.21	—	*	*	*	*	*	*	*	*	*
3.000	0.750	0.21	—	*	*	*	*	*	*	*	*	*
3.125	0.875	0.26	—	*	*	*	*	*	*	*	*	*
3.250	0.875	0.26	—	*	*	*	*	*	*	*	*	*
3.375	0.875	0.26	—	*	*	*	*	*	*	*	*	*
3.500	0.875	0.26	—	*	*	*	*	*	*	*	*	*
3.750	1.000	0.32	0.245	**		*	*	*	*	*	*	*
4.000	1.000	0.32	0.155	**		*	*	*	*	*	*	*
4.250	1.250	0.37	—			*	*	*	*	*	*	*
4500	1.250	0.37	0.255			*	*	*	*	*	*	*
4.750	1.250	0.37	—			*	*	*	*	*	*	*
5.000	1.250	0.37	0.258			*	*	*	*	*	*	*

带 "*" 为有一个浅键槽.

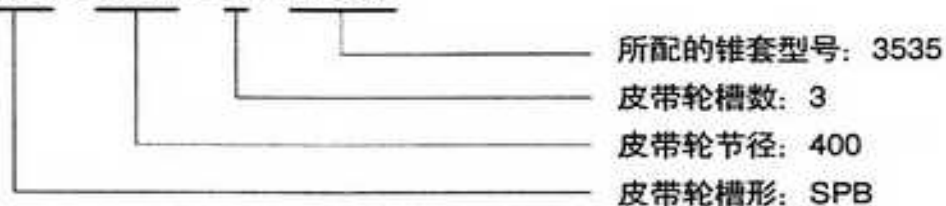


槽形	dr 节径	α	br	b ₁	c	t	e	f
SPZ	$\begin{matrix} \leq 80 \\ > 80 \end{matrix}$	$\begin{matrix} 34 \\ 38 \end{matrix}$	8.5	9.7	2	11	12	8
SPA	$\begin{matrix} \leq 118 \\ > 118 \end{matrix}$	$\begin{matrix} 34 \\ 38 \end{matrix}$	11	12.7	2.8	13.8	15	10
SPB	$\begin{matrix} \leq 190 \\ > 190 \end{matrix}$	$\begin{matrix} 34 \\ 38 \end{matrix}$	14	16.3	3.5	17.5	19	12.5
SPC	$\begin{matrix} \leq 315 \\ > 315 \end{matrix}$	$\begin{matrix} 34 \\ 38 \end{matrix}$	19	22	4.8	23.8	25.5	17

槽形	槽数	带轮总宽 (b ₂) = (Z - 1)e + 2f							
		1	2	3	4	5	6	8	10
SPZ		16	28	40	52	64	76	100	124
SPA		20	35	50	65	80	95	125	155
SPB		25	44	63	82	101	120	158	196
SPC		34	59.5	85	110.5	136	161.5	212.5	263.5

皮带轮型号说明

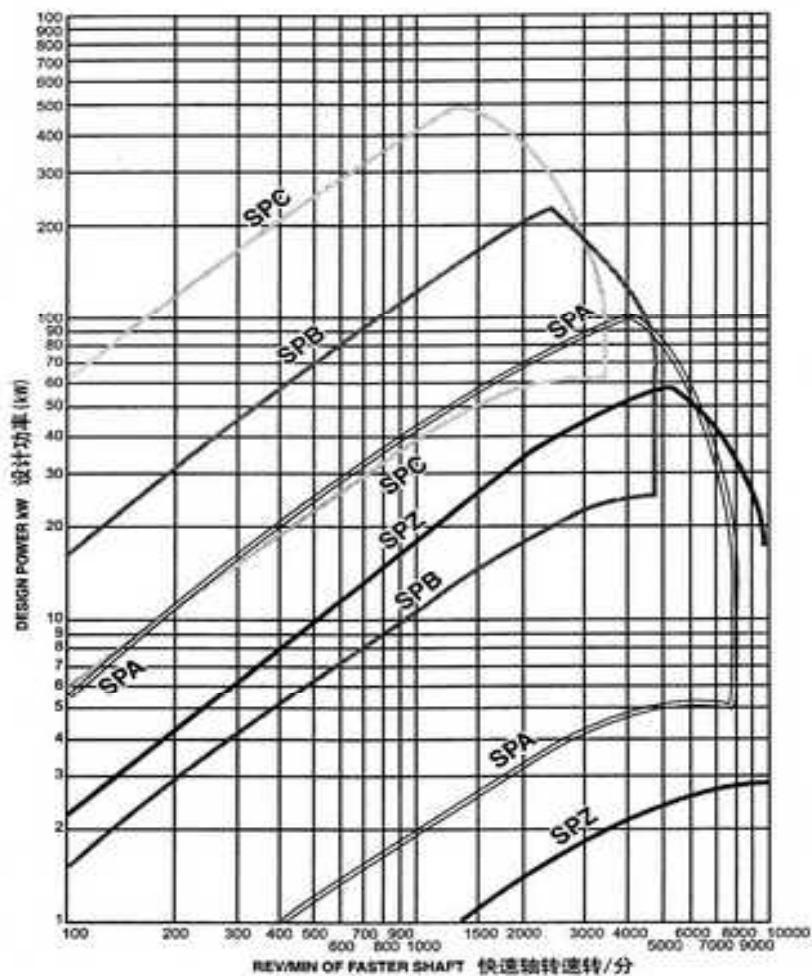
SPB - 400 - 3 - 3535

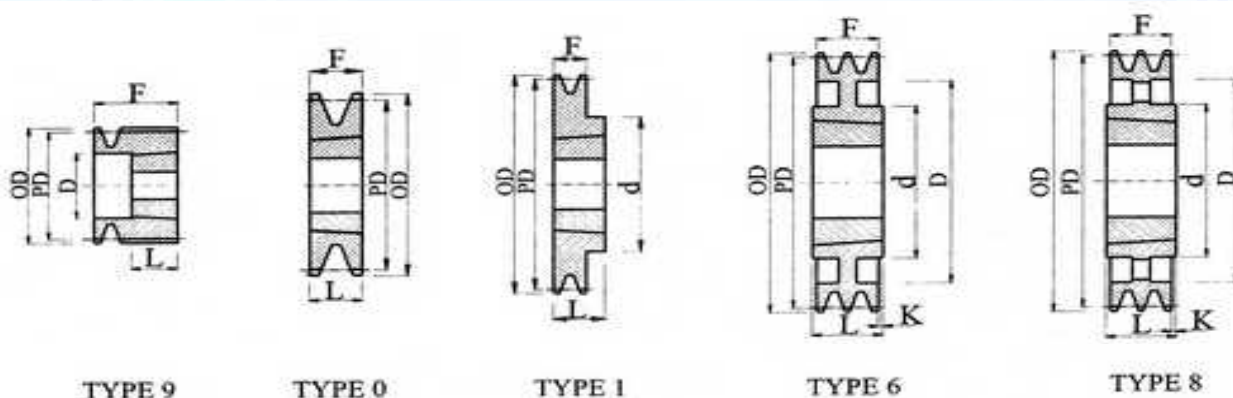


Pulleys

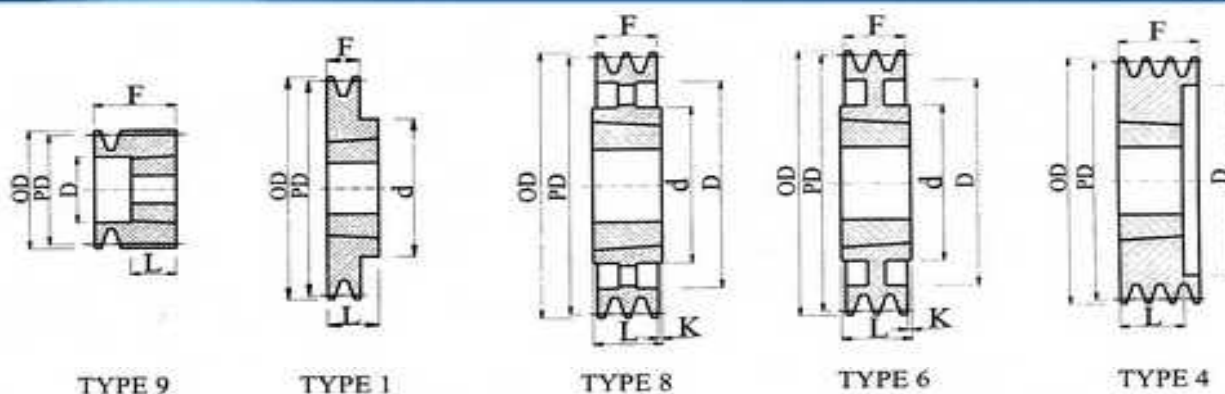
Speed of faster shaft 快速轴转速 转/分	Minimum Pulley Diameter (mm) 最小皮带轮直径(mm)																			
	Design Power (kW) 设计功率(kW)																			
	up to 1	3.0	4.0	5.0	7.5	10.0	15.0	20.0	25	30	40	50	60	75	90	110	130	150	200	250
500	56	90	100	112	125	140	180	200	212	236	250	280	280	315	375	400	450	475	500	560
600	56	85	90	100	112	125	140	180	200	212	224	250	265	280	300	335	375	400	475	500
720	56	80	85	90	100	106	132	150	160	170	200	236	250	265	280	300	335	375	450	500
960	56	75	80	85	95	100	112	132	150	180	180	200	224	250	280	280	300	335	400	450
1200	56	71	80	80	95	95	108	118	132	150	180	180	200	236	236	250	265	300	335	355
1440	56	63	75	80	85	85	100	112	125	140	160	170	190	212	236	236	250	280	315	335
1800	56	63	71	75	80	85	95	108	112	125	150	160	170	190	212	224	236	265	300	335
2880	56	60	67	67	80	80	85	90	100	112	125	140	160	170	180	212	224	236		

*此表仅供参考时的指南。当使用小电动机皮带轮时，必须仔细考虑轴承负荷。

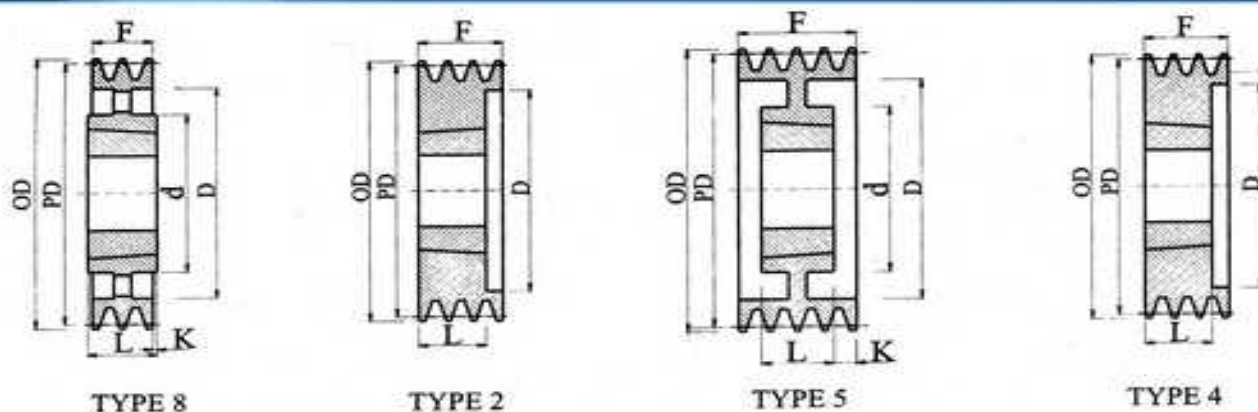




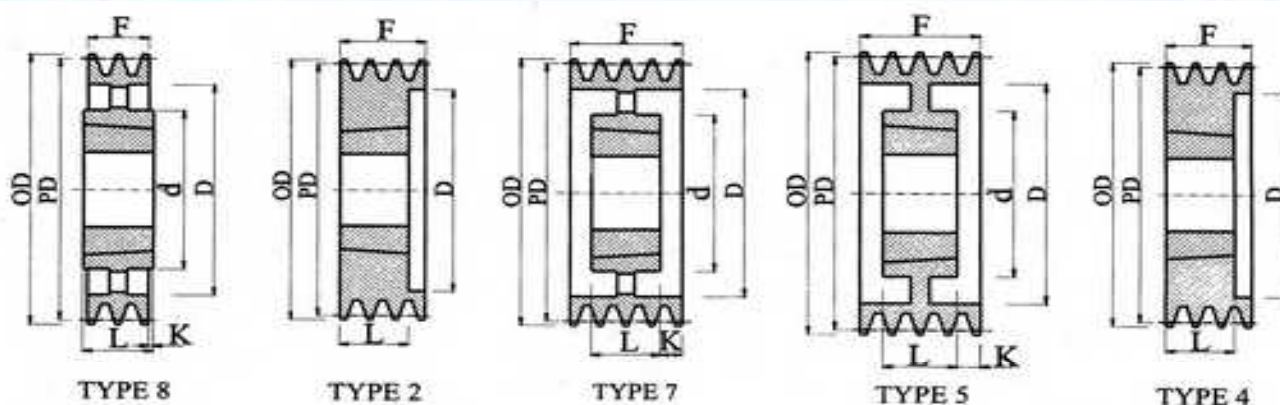
I GROOVE										
型号 PART NO.	节径 P. D.	外径 O. D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPZ 50-01	50.0	54.6	9	1008	25	37	28	-	22	-
SPZ 56-01	56.0	60.6	9	1008	25	37	23	-	22	-
SPZ 60-01	60.0	64.6	0	1008	25	22	-	-	22	-
SPZ 63-01	63.0	67.6	1	1108	28	16	-	-	22	62
SPZ 67-01	67.0	71.6	1	1108	28	16	-	-	22	62
SPZ 71-01	71.0	75.6	1	1108	28	16	-	-	22	62
SPZ 75-01	75.0	79.6	1	1108	28	16	-	-	22	62
SPZ 80-01	80.0	84.6	1	1210	32	16	-	-	25	75
SPZ 85-01	85.0	89.6	1	1210	32	16	-	-	25	75
SPZ 90-01	90.0	94.6	1	1210	32	16	-	-	25	75
SPZ 95-01	95.0	99.6	1	1210	32	16	-	-	25	75
SPZ 100-01	100.0	104.6	1	1210	32	16	-	-	25	75
SPZ 106-01	106.0	110.6	1	1610	42	16	-	-	25	80
SPZ 112-01	112.0	116.6	1	1610	42	16	-	-	25	80
SPZ 118-01	118.0	122.6	1	1610	42	16	-	-	25	80
SPZ 125-01	125.0	129.6	1	1610	42	16	-	-	25	80
SPZ 132-01	132.0	136.6	1	1610	42	16	-	-	25	80
SPZ 140-01	140.0	144.6	1	1610	42	16	-	-	25	80
SPZ 150-01	150.0	154.6	1	1610	42	16	-	-	25	80
SPZ 160-01	160.0	164.6	1	1610	42	16	-	-	25	80
SPZ 170-01	170.0	174.6	1	1610	42	16	-	-	25	80
SPZ 180-01	180.0	184.6	6	1610	42	16	152	-	25	80
SPZ 190-01	190.0	194.6	6	1610	42	16	162	-	25	80
SPZ 200-01	200.0	204.6	6	2012	50	16	172	-	32	108
SPZ 212-01	212.0	216.6	6	2012	50	16	182	-	32	108
SPZ 224-01	224.0	228.6	6	2012	50	16	196	-	32	108
SPZ 250-01	250.0	254.6	6	2012	50	16	222	-	32	108
SPZ 280-01	280.0	284.6	8	2012	50	16	252	8	32	112
SPZ 315-01	315.0	319.6	8	2012	50	16	286	8	32	112
SPZ 355-01	355.0	359.6	8	2012	50	16	326	8	32	112
SPZ 400-01	400.0	404.6	8	2012	50	16	371	8	32	112
SPZ 450-01	450.0	454.6	8	2517	60	16	421	14.5	45	125
SPZ 500-01	500.0	504.6	8	2517	60	16	471	14.5	45	125



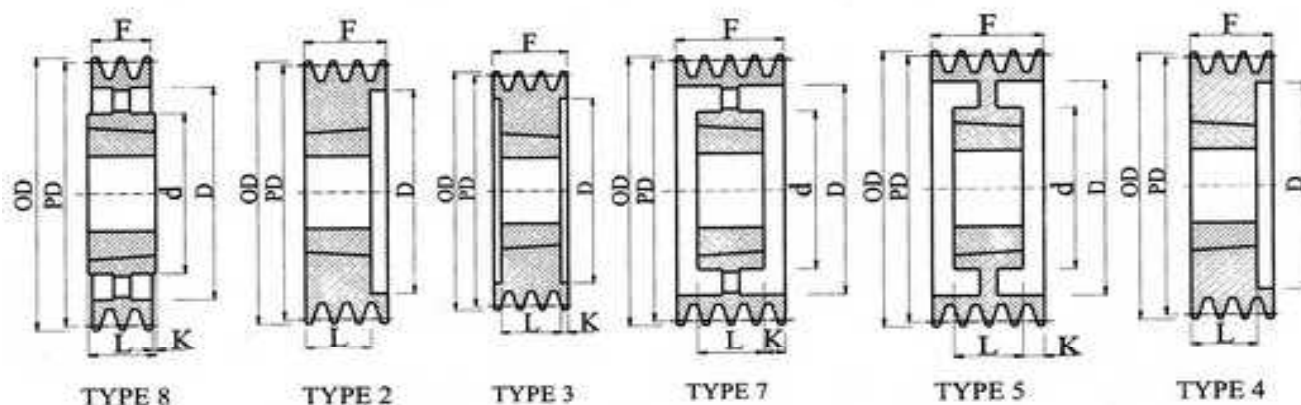
2 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPZ 50-02	50.0	54.6	9	1008	25	49	28	-	22	-
SPZ 56-02	56.0	60.6	9	1108	28	49	35	-	22	-
SPZ 60-02	60.0	64.6	9	1108	28	49	36	-	22	-
SPZ 63-02	63.0	67.6	4	1108	28	28	40	-	22	-
SPZ 67-02	67.0	71.6	4	1108	28	28	42	-	22	-
SPZ 71-02	71.0	75.6	4	1108	28	28	42	-	22	-
SPZ 75-02	75.0	79.6	4	1210	32	28	51	-	25	-
SPZ 80-02	80.0	84.6	4	1210	32	28	51	-	25	-
SPZ 85-02	85.0	89.6	4	1610	42	28	60	-	25	-
SPZ 90-02	90.0	94.6	4	1610	42	28	61	-	25	-
SPZ 95-02	95.0	99.6	4	1610	42	28	66	-	25	-
SPZ 100-02	100.0	104.6	4	1610	42	28	71	-	25	-
SPZ 106-02	106.0	110.6	4	1610	42	28	76	-	25	-
SPZ 112-02	112.0	116.6	4	1610	42	28	84	-	25	-
SPZ 118-02	118.0	122.6	4	1610	42	28	90	-	25	-
SPZ 125-02	125.0	129.6	4	1610	42	28	97	-	25	-
SPZ 132-02	132.0	136.6	4	1610	42	28	104	-	25	-
SPZ 140-02	140.0	144.6	4	1610	42	28	112	-	25	-
SPZ 150-02	150.0	154.6	1	2012	50	28	-	-	32	100
SPZ 160-02	160.0	164.6	1	2012	50	28	-	-	32	100
SPZ 170-02	170.0	174.6	6	2012	50	28	142	-	32	100
SPZ 180-02	180.0	184.6	6	2012	50	28	152	-	32	108
SPZ 190-02	190.0	194.6	6	2012	50	28	162	-	32	108
SPZ 200-02	200.0	204.6	6	2012	50	28	172	-	32	108
SPZ 212-02	212.0	216.6	6	2012	50	28	182	-	32	108
SPZ 224-02	224.0	228.6	6	2012	50	28	196	-	32	108
SPZ 250-02	250.0	254.6	6	2012	50	28	222	-	32	108
SPZ 280-02	280.0	284.6	8	2012	50	28	252	-	32	112
SPZ 315-02	315.0	319.6	8	2012	50	28	286	-	32	112
SPZ 355-02	355.0	359.6	8	2012	50	28	326	-	32	112
SPZ 400-02	400.0	404.6	8	2517	60	28	371	-	45	125
SPZ 450-02	450.0	454.6	8	2517	60	28	421	-	45	125
SPZ 500-02	500.0	504.6	8	2517	60	28	471	-	45	125



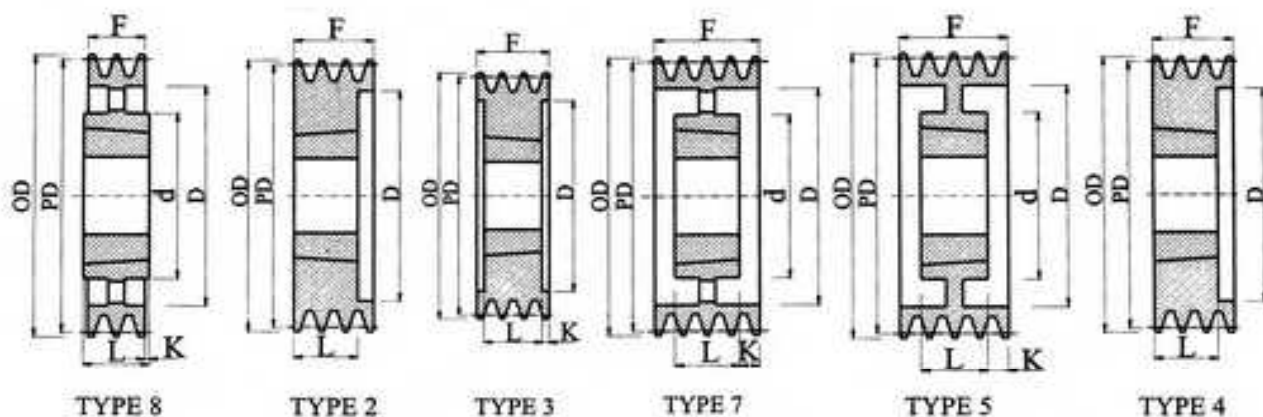
3 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPZ 63-03	63.0	67.6	4	1108	28	40	40	-	22	-
SPZ 67-03	67.0	71.6	4	1108	28	40	42	-	22	-
SPZ 71-03	71.0	75.6	4	1108	28	40	42	-	22	-
SPZ 75-03	75.0	79.6	4	1210	32	40	48	-	25	-
SPZ 80-03	80.0	84.6	4	1210	32	40	51	-	25	-
SPZ 85-03	85.0	89.6	4	1610	42	40	60	-	25	-
SPZ 90-03	90.0	94.6	4	1610	42	40	61	-	25	-
SPZ 95-03	95.0	99.6	4	1610	42	40	66	-	25	-
SPZ 100-03	100.0	104.6	4	1610	42	40	71	-	25	-
SPZ 106-03	106.0	110.6	4	1610	42	40	78	-	25	-
SPZ 112-03	112.0	116.6	4	2012	50	40	84	-	32	-
SPZ 118-03	118.0	122.6	4	2012	50	40	92	-	32	-
SPZ 125-03	125.0	129.6	4	2012	50	40	97	-	32	-
SPZ 132-03	132.0	136.6	4	2012	50	40	104	-	32	-
SPZ 140-03	140.0	144.6	2	2012	50	40	112	-	32	-
SPZ 150-03	150.0	154.6	2	2012	50	40	122	-	32	-
SPZ 160-03	160.0	164.6	2	2012	50	40	132	-	32	-
SPZ 170-03	170.0	174.6	2	2012	50	40	142	-	32	-
SPZ 180-03	180.0	184.6	2	2012	50	40	152	-	32	-
SPZ 190-03	190.0	194.6	5	2012	50	40	162	-	32	108
SPZ 200-03	200.0	204.6	5	2012	50	40	172	-	32	108
SPZ 212-03	212.0	216.6	5	2012	50	40	182	-	32	108
SPZ 224-03	224.0	228.6	5	2012	50	40	196	4	32	108
SPZ 250-03	250.0	254.6	5	2012	50	40	222	4	32	108
SPZ 280-03	280.0	284.6	8	2517	60	40	252	-	45	125
SPZ 315-03	315.0	319.6	8	2517	60	40	286	-	45	125
SPZ 355-03	355.0	359.6	8	2517	60	40	326	-	45	125
SPZ 400-03	400.0	404.6	8	2517	60	40	371	-	45	125
SPZ 450-03	450.0	454.6	8	2517	60	40	421	-	45	125
SPZ 500-03	500.0	504.6	8	2517	60	40	471	-	45	125
SPZ 630-03	630.0	634.6	8	2517	60	40	601	-	45	125
SPZ 800-03	800.0	804.6	8	3020	75	40	771	5.5	51	155



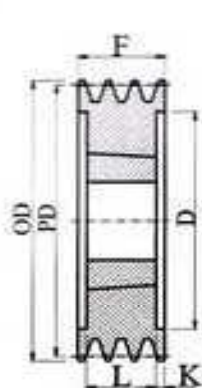
4 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPZ 80-04	80.0	84.6	4	1210	32	52	51	-	25	-
SPZ 85-04	85.0	89.6	4	1610	42	52	56	-	25	-
SPZ 90-04	90.0	94.6	4	1610	42	52	61	-	25	-
SPZ 95-04	95.0	99.6	4	1610	42	52	66	-	25	-
SPZ 100-04	100.0	104.6	4	1610	42	52	74	-	25	-
SPZ 106-04	106.0	110.6	4	1610	42	52	80	-	25	-
SPZ 112-04	112.0	116.6	4	2012	50	52	86	-	32	-
SPZ 118-04	118.0	122.6	2	2012	50	52	92	-	32	-
SPZ 125-04	125.0	129.6	2	2012	50	52	99	-	32	-
SPZ 132-04	132.0	136.6	4	2012	50	52	104	-	32	-
SPZ 140-04	140.0	144.6	2	2012	50	52	112	-	32	-
SPZ 150-04	150.0	154.6	2	2517	60	52	122	-	45	-
SPZ 160-04	160.0	164.6	2	2517	60	52	132	-	45	-
SPZ 170-04	170.0	174.6	2	2517	60	52	142	-	45	-
SPZ 180-04	180.0	184.6	2	2517	60	52	152	-	45	-
SPZ 190-04	190.0	194.6	5	2517	60	52	160	3.5	45	-
SPZ 200-04	200.0	204.6	5	2517	60	52	172	3.5	45	125
SPZ 212-04	212.0	216.6	5	2517	60	52	182	3.5	45	125
SPZ 224-04	224.0	228.6	5	2517	60	52	195	3.5	45	125
SPZ 236-04	236.0	240.6	5	2517	60	52	206	3.5	45	125
SPZ 250-04	250.0	254.6	5	2517	60	52	221	3.5	45	125
SPZ 280-04	280.0	284.6	7	2517	60	52	251	3.5	45	125
SPZ 315-04	315.0	319.6	7	2517	60	52	286	3.5	45	125
SPZ 355-04	355.0	359.6	7	2517	60	52	326	3.5	45	125
SPZ 400-04	400.0	404.6	7	2517	60	52	371	3.5	45	125
SPZ 450-04	450.0	454.6	7	3020	75	52	421	-	51	155
SPZ 500-04	500.0	504.6	7	3020	75	52	471	-	51	155
SPZ 630-04	630.0	634.6	8	3030	75	52	601	12	76	155
SPZ 800-04	800.0	804.6	8	3030	75	52	771	12	76	155



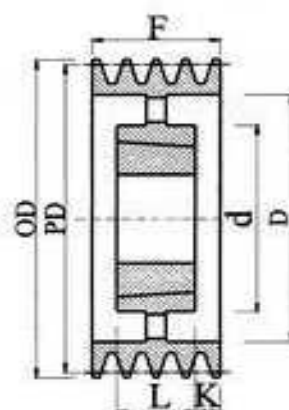
5 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPZ 85-05	85.0	89.6	4	1610	42	64	56	-	25	-
SPZ 90-05	90.0	94.6	4	1610	42	64	61	-	25	-
SPZ 95-05	95.0	99.6	4	1610	42	64	66	-	25	-
SPZ 100-05	100.0	104.6	4	2012	50	64	71	-	32	-
SPZ 106-05	106.0	110.6	4	2012	50	64	77	-	32	-
SPZ 112-05	112.0	116.6	4	2012	50	64	83	-	32	-
SPZ 118-05	118.0	122.6	4	2012	50	64	89	-	32	-
SPZ 125-05	125.0	129.6	4	2012	50	64	96	-	32	-
SPZ 132-05	132.0	136.6	4	2517	60	64	103	-	45	-
SPZ 140-05	140.0	144.6	2	2517	60	64	111	-	45	-
SPZ 150-05	150.0	154.6	2	2517	60	64	121	-	45	-
SPZ 160-05	160.0	164.6	2	2517	60	64	131	-	45	-
SPZ 170-05	170.0	174.6	2	2517	60	64	141	-	45	-
SPZ 180-05	180.0	184.6	2	2517	60	64	151	-	45	-
SPZ 190-05	190.0	194.6	3	2517	60	64	161	9.5	45	125
SPZ 200-05	200.0	204.6	3	2517	60	64	171	9.5	45	125
SPZ 212-05	212.0	216.6	5	2517	60	64	181	9.5	45	125
SPZ 224-05	224.0	228.6	5	2517	60	64	195	9.5	45	125
SPZ 236-05	236.0	240.6	5	2517	60	64	206	9.5	45	125
SPZ 250-05	250.0	254.6	5	2517	60	64	221	9.5	45	125
SPZ 280-05	280.0	284.6	7	2517	60	64	251	9.5	45	125
SPZ 315-05	315.0	319.6	7	2517	60	64	286	9.5	45	125
SPZ 355-05	355.0	359.6	7	2517	60	64	326	9.5	45	125
SPZ 400-05	400.0	404.6	7	3020	75	64	371	6.5	51	155
SPZ 450-05	450.0	454.6	7	3020	75	64	421	6.5	51	155
SPZ 500-05	500.0	504.6	8	3030	75	64	471	6	76	155
SPZ 630-05	630.0	634.6	8	3030	75	64	601	6	76	155
SPZ 710-05	710.0	714.6	8	3535	90	64	680	12.5	89	170
SPZ 800-05	800.0	804.6	8	3535	90	64	771	12.5	89	170



6 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPZ 90-06	90.0	94.6	4	1610	42	76	61	-	25	-
SPZ 95-06	95.0	99.6	4	1610	42	76	66	-	25	-
SPZ 100-06	100.0	104.6	4	2012	50	76	71	-	32	-
SPZ 106-06	106.0	110.6	4	2012	50	76	77	-	32	-
SPZ 112-06	112.0	116.6	4	2012	50	76	83	-	32	-
SPZ 118-06	118.0	122.6	4	2517	60	76	89	-	45	-
SPZ 125-06	125.0	129.6	4	2517	60	76	96	-	45	-
SPZ 132-06	132.0	136.6	4	2517	60	76	103	-	45	-
SPZ 140-06	140.0	144.6	2	2517	60	76	111	-	45	-
SPZ 150-06	150.0	154.6	2	2517	60	76	121	-	45	-
SPZ 160-06	160.0	164.6	2	2517	60	76	131	-	45	-
SPZ 170-06	170.0	174.6	2	2517	60	76	141	-	45	-
SPZ 180-06	180.0	184.6	2	2517	60	76	151	-	45	-
SPZ 190-06	190.0	194.6	3	2517	60	76	161	16	45	125
SPZ 200-06	200.0	204.6	3	2517	60	76	171	16	45	125
SPZ 212-06	212.0	216.6	5	2517	60	76	182	16	45	125
SPZ 224-06	224.0	228.6	5	2517	60	76	195	16	45	125
SPZ 236-06	236.0	240.6	5	2517	60	76	206	16	45	125
SPZ 250-06	250.0	254.6	5	2517	60	76	221	16	45	125
SPZ 280-06	280.0	284.6	7	2517	60	76	251	16	45	125
SPZ 315-06	315.0	319.6	7	2517	60	76	286	16	45	125
SPZ 355-06	355.0	359.6	7	2517	60	76	326	16	45	125
SPZ 400-06	400.0	404.6	7	3030	75	76	371	-	76	155
SPZ 450-06	450.0	454.6	7	3030	75	76	421	-	76	155
SPZ 500-06	500.0	504.6	7	3030	75	76	471	-	76	155
SPZ 630-06	630.0	634.6	8	3535	90	76	601	6.5	89	170
SPZ 710-06	710.0	714.6	8	3535	90	76	680	6.5	89	170
SPZ 800-06	800.0	804.6	8	3535	90	76	771	6.5	89	170

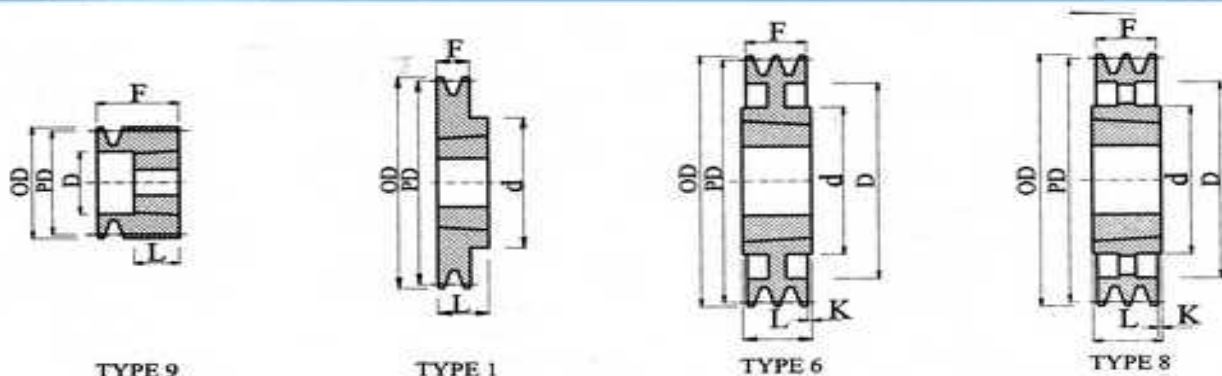


TYPE 3

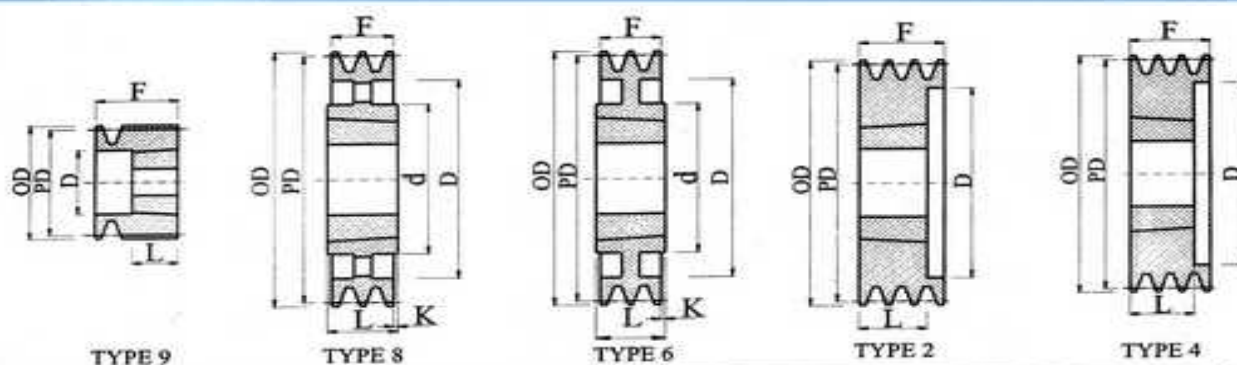


TYPE 7

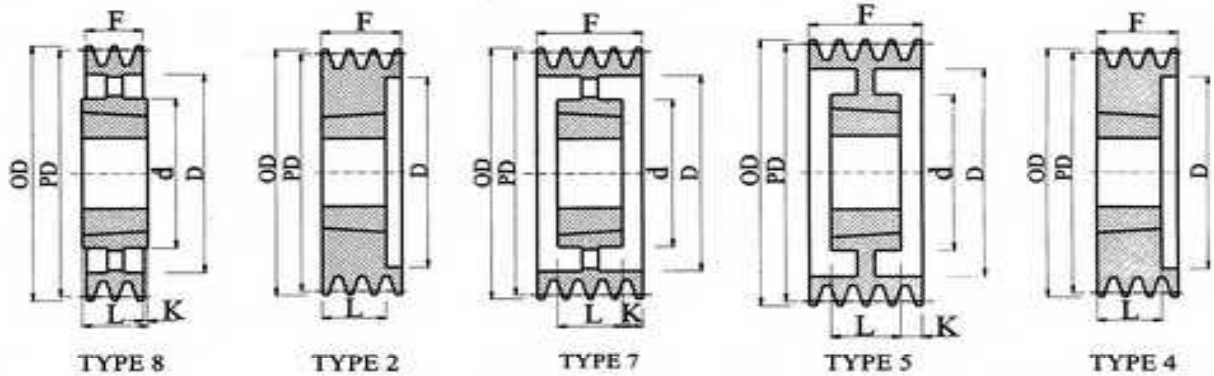
8 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPZ 140-08	140.0	144.6	3	2517	60	100	111	28	45	-
SPZ 150-08	150.0	154.6	3	2517	60	100	121	28	45	-
SPZ 160-08	160.0	164.6	3	2517	60	100	131	28	45	-
SPZ 180-08	180.0	184.6	3	2517	60	100	151	28	45	-
SPZ 200-08	200.0	204.6	3	3020	75	100	171	25	51	-
SPZ 212-08	212.0	216.6	3	3020	75	100	182	25	51	-
SPZ 224-08	224.0	228.6	3	3020	75	100	195	25	51	-
SPZ 236-08	236.0	240.6	3	3020	75	100	206	25	51	-
SPZ 250-08	250.0	254.6	7	3020	75	100	220	25	51	155
SPZ 280-08	280.0	284.6	7	3020	75	100	250	25	51	155
SPZ 315-08	315.0	319.6	7	3020	75	100	285	25	51	155
SPZ 355-08	355.0	359.6	7	3030	75	100	325	12	76	155
SPZ 400-08	400.0	404.6	7	3030	75	100	370	12	76	155
SPZ 450-08	450.0	454.6	7	3535	90	100	420	6	89	170
SPZ 500-08	500.0	504.6	7	3535	90	100	470	6	89	170
SPZ 630-08	630.0	634.6	7	3535	90	100	600	6	89	170



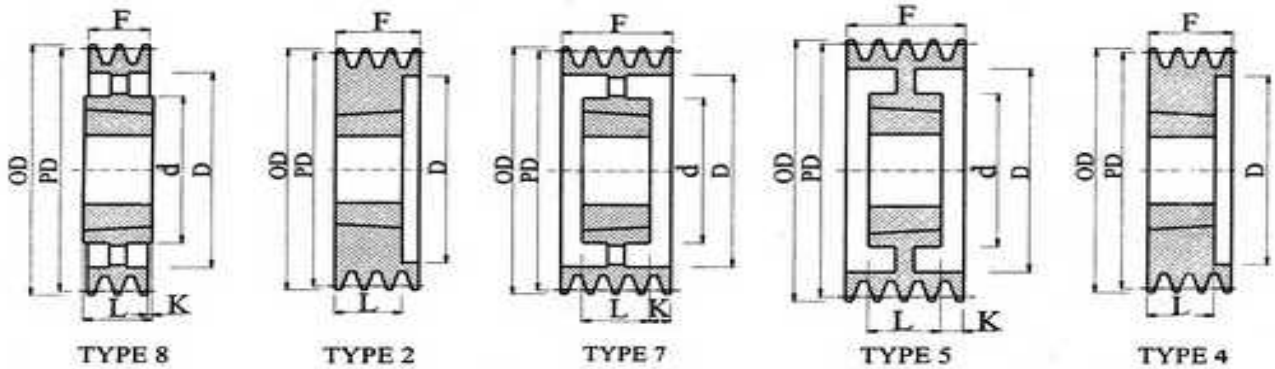
I GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPA 63-01	63.0	68.5	9	1108	28	40	34	-	22	-
SPA 67-01	67.0	72.5	1	1108	28	20	-	-	22	62
SPA 71-01	71.0	76.5	1	1108	28	20	-	-	22	62
SPA 75-01	75.0	80.5	1	1108	28	20	-	-	22	62
SPA 80-01	80.0	85.5	1	1210	32	20	-	-	25	75
SPA 85-01	85.0	90.5	1	1210	32	20	-	-	25	75
SPA 90-01	90.0	95.5	1	1210	32	20	-	-	25	75
SPA 95-01	95.0	100.5	1	1210	32	20	-	-	25	75
SPA 100-01	100.0	105.5	1	1610	42	20	-	-	25	80
SPA 106-01	106.0	111.5	1	1610	42	20	-	-	25	80
SPA 112-01	112.0	117.5	1	1610	42	20	-	-	25	80
SPA 118-01	118.0	123.5	1	1610	42	20	-	-	25	80
SPA 125-01	125.0	130.5	1	1610	42	20	-	-	25	80
SPA 132-01	132.0	137.5	1	1610	42	20	-	-	25	80
SPA 140-01	140.0	145.5	1	1610	42	20	-	-	25	80
SPA 150-01	150.0	155.5	1	1610	42	20	-	-	25	80
SPA 160-01	160.0	165.5	1	1610	42	20	-	-	25	80
SPA 170-01	170.0	175.5	1	1610	42	20	-	-	25	80
SPA 180-01	180.0	185.5	6	1610	42	20	145	-	25	80
SPA 190-01	190.0	195.5	6	2012	50	20	155	-	32	100
SPA 200-01	200.0	205.5	6	2012	50	20	165	-	32	100
SPA 212-01	212.0	217.5	6	2012	50	20	175	-	32	100
SPA 224-01	224.0	229.5	6	2012	50	20	189	-	32	100
SPA 236-01	236.0	241.5	6	2012	50	20	202	-	32	100
SPA 250-01	250.0	255.5	6	2012	50	20	215	-	32	100
SPA 265-01	265.0	270.5	6	2012	50	20	230	-	32	112
SPA 280-01	280.0	285.5	8	2012	50	20	245	-	32	112
SPA 300-01	300.0	305.5	8	2012	50	20	265	-	32	112
SPA 315-01	315.0	320.5	8	2012	50	20	280	-	32	112
SPA 335-01	335.0	340.5	8	2012	50	20	320	-	32	112
SPA 355-01	355.0	360.5	8	2012	50	20	320	-	32	112
SPA 375-01	375.0	380.5	8	2012	50	20	340	-	32	112
SPA 400-01	400.0	405.5	8	2012	50	20	365	-	32	112
SPA 425-01	425.0	430.5	8	2012	50	20	390	-	32	112
SPA 450-01	450.0	455.5	8	2012	50	20	415	-	32	112
SPA 500-01	500.0	505.5	8	2517	60	20	465	-	45	125
SPA 530-01	530.0	535.5	8	2517	60	20	495	-	45	125
SPA 560-01	560.0	565.5	8	2517	60	20	525	-	45	125
SPA 630-01	630.0	635.5	8	2517	60	20	595	-	45	125



2 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPA 63-02	63.0	68.5	9	1108	28	55	36	-	22	-
SPA 67-02	67.0	72.5	4	1108	28	35	37	-	22	-
SPA 71-02	71.0	76.5	4	1108	28	35	40	-	22	-
SPA 75-02	75.0	80.5	4	1108	28	35	44	-	22	-
SPA 80-02	80.0	85.5	4	1210	32	35	46	-	25	-
SPA 85-02	85.0	90.5	4	1210	32	35	51	-	25	-
SPA 90-02	90.0	95.5	4	1610	42	35	56	-	25	-
SPA 95-02	95.0	100.5	4	1610	42	35	60	-	25	-
SPA 100-02	100.0	105.5	4	1610	42	35	65	-	25	-
SPA 106-02	106.0	111.5	4	1610	42	35	71	-	25	-
SPA 112-02	112.0	117.5	4	1610	42	35	77	-	25	-
SPA 118-02	118.0	123.5	4	1610	42	35	83	-	25	-
SPA 125-02	125.0	130.5	2	1610	42	35	90	-	25	-
SPA 132-02	132.0	137.5	2	2012	50	35	98	-	32	-
SPA 140-02	140.0	145.5	4	2012	50	35	106	-	35	-
SPA 150-02	150.0	155.5	4	2012	50	35	116	-	35	-
SPA 160-02	160.0	165.5	4	2012	50	35	126	-	35	-
SPA 170-02	170.0	175.5	4	2012	50	35	136	-	35	-
SPA 180-02	180.0	185.5	4	2012	50	35	146	-	35	-
SPA 190-02	190.0	195.5	4	2012	50	35	156	-	35	-
SPA 200-02	200.0	205.5	6	2517	60	35	165	-	45	125
SPA 212-02	212.0	217.5	6	2517	60	35	175	-	45	125
SPA 224-02	224.0	229.5	6	2517	60	35	189	-	45	125
SPA 236-02	236.0	241.5	6	2517	60	35	202	-	45	125
SPA 250-02	250.0	255.5	6	2517	60	35	215	-	45	125
SPA 265-02	265.0	270.5	6	2517	60	35	230	-	45	125
SPA 280-02	280.0	285.5	8	2517	60	35	245	-	45	125
SPA 300-02	300.0	305.5	8	2517	60	35	265	-	45	125
SPA 315-02	315.0	320.5	8	2517	60	35	280	-	45	125
SPA 335-02	335.0	340.5	8	2517	60	35	320	-	45	125
SPA 355-02	355.0	360.5	8	2517	60	35	320	-	45	125
SPA 375-02	375.0	380.5	8	2517	60	35	340	-	45	125
SPA 400-02	400.0	405.5	8	2517	60	35	365	-	45	125
SPA 425-02	425.0	430.5	8	2517	60	35	390	-	45	125
SPA 450-02	450.0	455.5	8	2517	60	35	415	-	45	125
SPA 500-02	500.0	505.5	8	2517	60	35	465	-	45	125
SPA 530-02	530.0	535.5	8	3020	75	35	495	-	51	155
SPA 560-02	560.0	565.5	8	3020	75	35	525	-	51	155
SPA 630-02	630.0	635.5	8	3020	75	35	595	-	51	155

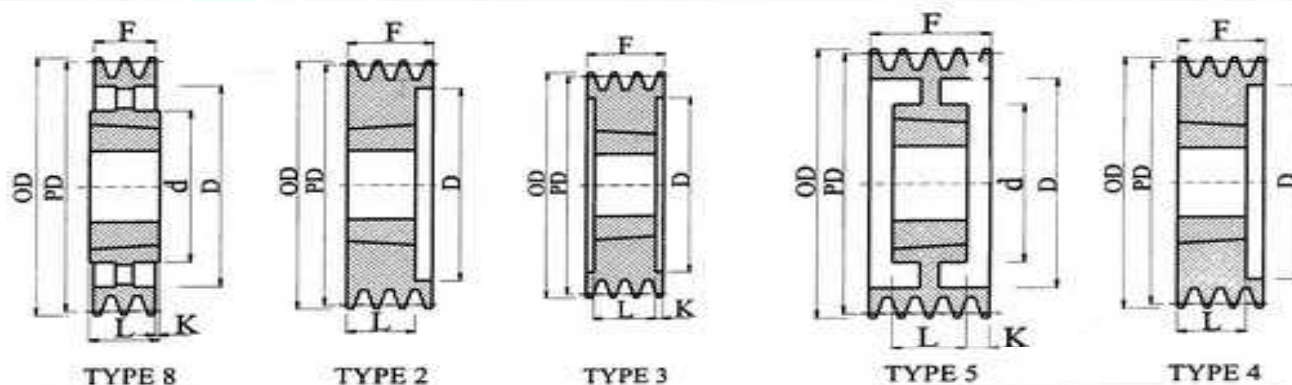


3 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	衬套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPA 71-03	71.0	76.5	4	1108	28	50	40	-	22	-
SPA 75-03	75.0	80.5	4	1108	28	50	45	-	22	-
SPA 80-03	80.0	85.5	4	1210	32	50	50	-	25	-
SPA 85-03	85.0	90.5	4	1210	32	50	55	-	25	-
SPA 90-03	90.0	95.5	4	1610	42	50	56	-	25	-
SPA 95-03	95.0	100.5	4	1610	42	50	61	-	25	-
SPA 100-03	100.0	105.5	4	1610	42	50	66	-	25	-
SPA 106-03	106.0	111.5	4	1610	42	50	72	-	25	-
SPA 112-03	112.0	117.5	4	2012	50	50	78	-	32	-
SPA 118-03	118.0	123.5	4	2012	50	50	84	-	32	-
SPA 125-03	125.0	130.5	2	2012	50	50	91	-	32	-
SPA 132-03	132.0	137.5	2	2012	50	50	98	-	32	-
SPA 140-03	140.0	145.5	2	2517	60	50	106	-	45	-
SPA 150-03	150.0	155.5	2	2517	60	50	116	-	45	-
SPA 160-03	160.0	165.5	2	2517	60	50	126	-	45	-
SPA 170-03	170.0	175.5	2	2517	60	50	136	-	45	-
SPA 180-03	180.0	185.5	2	2517	60	50	146	-	45	-
SPA 190-03	190.0	195.5	2	2517	60	50	156	-	45	-
SPA 200-03	200.0	205.5	5	2517	60	50	166	-	45	125
SPA 212-03	212.0	217.5	5	2517	60	50	176	-	45	125
SPA 224-03	224.0	229.5	5	2517	60	50	190	2.5	45	125
SPA 236-03	236.0	241.5	5	2517	60	50	202	2.5	45	125
SPA 250-03	250.0	255.5	5	2517	60	50	216	2.5	45	125
SPA 265-03	265.0	270.5	5	2517	60	50	229	2.5	45	125
SPA 280-03	280.0	285.5	7	2517	60	50	246	2.5	45	125
SPA 300-03	300.0	305.5	8	3020	75	50	264	-	51	155
SPA 315-03	315.0	320.5	8	3020	75	50	281	-	51	155
SPA 335-03	335.0	340.5	8	3020	75	50	301	-	51	155
SPA 355-03	355.0	360.5	8	3020	75	50	320	-	51	155
SPA 375-03	375.0	380.5	8	3020	75	50	340	-	51	155
SPA 400-03	400.0	405.5	8	3020	75	50	365	-	51	155
SPA 425-03	425.0	430.5	8	3020	75	50	390	-	51	155
SPA 450-03	450.0	455.5	8	3020	75	50	415	-	51	155
SPA 475-03	475.0	480.5	8	3020	75	50	440	-	51	155
SPA 500-03	500.0	505.5	8	3020	75	50	465	-	51	155
SPA 530-03	530.0	535.5	8	3020	75	50	495	-	51	155
SPA 560-03	560.0	565.5	8	3020	75	50	525	-	51	155
SPA 630-03	630.0	635.5	8	3020	75	50	595	-	51	155
SPA 710-03	710.0	715.5	8	3535	90	50	675	19.5	89	170
SPA 800-03	800.0	805.5	8	3535	90	50	765	19.5	89	170
SPA 900-03	900.0	905.5	8	3535	90	50	866	19.5	89	170
SPA 1000-03	1000.0	1005.5	8	3535	90	50	965	19.5	89	170

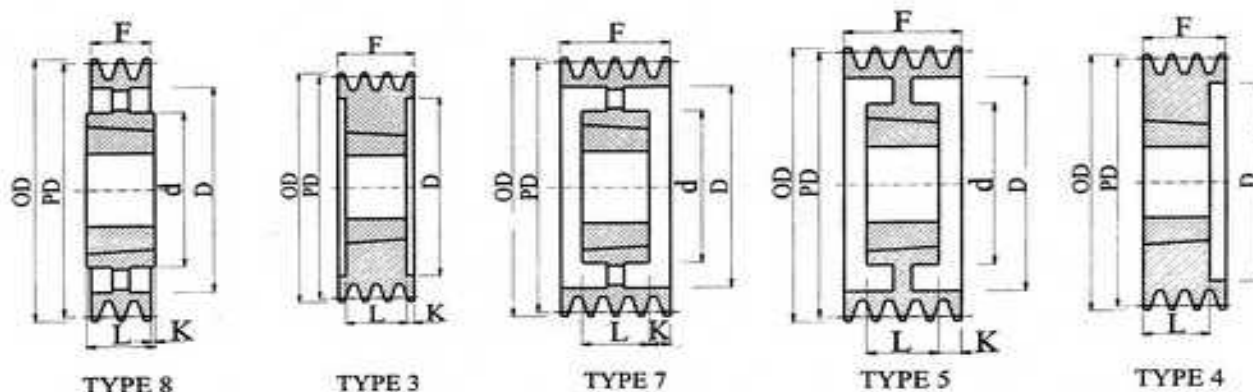


4 GROOVE

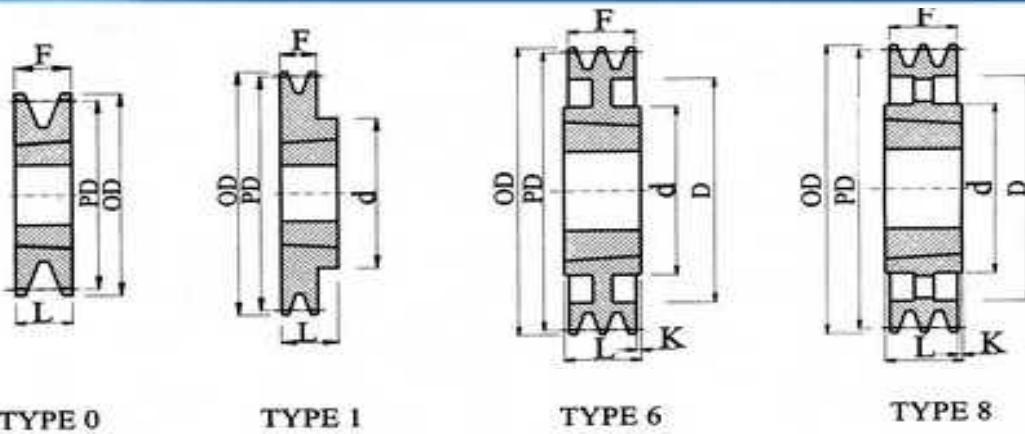
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	衬套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPA 75-04	75.0	80.5	4	1108	28	65	44		22	
SPA 80-04	80.0	85.5	4	1210	32	65	46		25	
SPA 85-04	85.0	90.5	4	1210	32	65	51		25	
SPA 90-04	90.0	95.5	4	1615	42	65	62	-	38	-
SPA 95-04	95.0	100.5	4	1615	42	65	66	-	38	-
SPA 100-04	100.0	105.5	4	1615	42	65	66	-	38	-
SPA 106-04	106.0	111.5	4	2012	50	65	72	-	32	-
SPA 112-04	112.0	117.5	4	2012	50	65	73	-	32	-
SPA 118-04	118.0	123.5	4	2012	50	65	84	-	32	-
SPA 125-04	125.0	130.5	2	2012	50	65	91	-	32	-
SPA 132-04	132.0	137.5	2	2517	60	65	98	-	45	-
SPA 140-04	140.0	145.5	2	2517	60	65	106	-	45	-
SPA 150-04	150.0	155.5	2	2517	60	65	116	-	45	-
SPA 160-04	160.0	165.5	2	2517	60	65	118	-	45	-
SPA 170-04	170.0	175.5	2	2517	60	65	136	-	45	-
SPA 180-04	180.0	185.5	2	2517	60	65	146	-	45	-
SPA 190-04	190.0	195.5	2	2517	60	65	156	-	45	-
SPA 200-04	200.0	205.5	2	3020	75	65	158	-	51	-
SPA 212-04	212.0	217.5	2	3020	75	65	176	-	51	-
SPA 224-04	224.0	229.5	2	3020	75	65	190	-	51	-
SPA 236-04	236.0	241.5	5	3020	75	65	202	7	51	155
SPA 250-04	250.0	255.5	5	3020	75	65	216	7	51	155
SPA 265-04	265.0	270.5	5	3020	75	65	230	7	51	155
SPA 280-04	280.0	285.5	7	3020	75	65	246	7	51	155
SPA 300-04	300.0	305.5	7	3020	75	65	262	7	51	155
SPA 315-04	315.0	320.5	7	3020	75	65	281	7	51	155
SPA 335-04	335.0	340.5	7	3020	75	65	301	7	51	155
SPA 355-04	355.0	360.5	7	3020	75	65	320	7	51	155
SPA 375-04	375.0	380.5	7	3020	75	65	340	7	51	155
SPA 400-04	400.0	405.5	7	3020	75	65	365	7	51	155
SPA 425-04	425.0	430.5	7	3020	75	65	390	7	51	155
SPA 450-04	450.0	455.5	7	3020	75	65	415	7	51	155
SPA 500-04	500.0	505.5	7	3020	75	65	465	7	51	155
SPA 530-04	530.0	535.5	7	3020	75	65	495	7	51	175
SPA 560-04	560.0	565.5	8	3535	90	65	525	12	89	175
SPA 630-04	630.0	635.5	8	3535	90	65	595	12	89	175
SPA 710-04	710.0	715.5	8	3535	90	65	675	12	89	175
SPA 800-04	800.0	805.5	8	3535	90	65	765	12	89	175
SPA 1000-04	1000.0	1005.5	8	4040	100	65	965	19	102	210



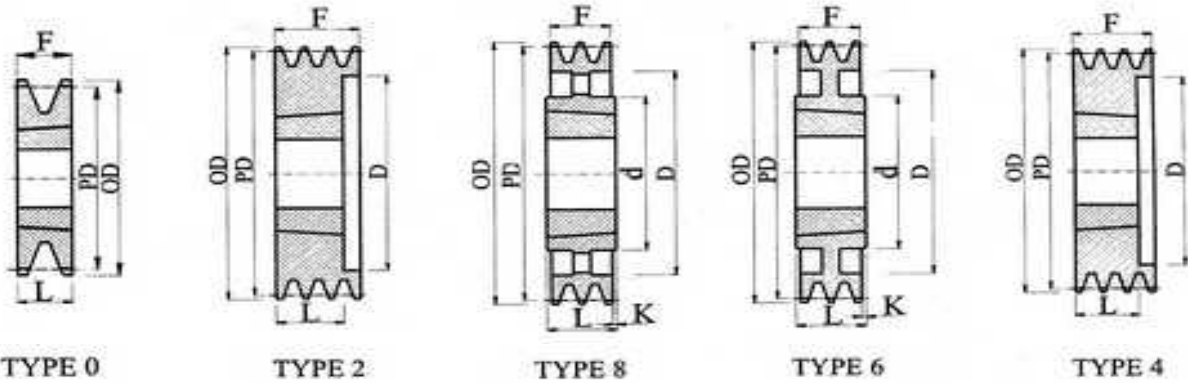
5 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPA 90-05	90.0	95.5	4	1615	42	80	56	-	38	-
SPA 95-05	95.0	100.5	4	1615	42	80	61	-	38	-
SPA 100-05	100.0	105.5	4	1615	42	80	69	-	38	-
SPA 106-05	106.0	111.5	4	2012	50	80	71	-	32	-
SPA 112-05	112.0	117.5	4	2012	50	80	77	-	32	-
SPA 118-05	118.0	123.5	4	2012	50	80	84	-	32	-
SPA 125-05	125.0	130.5	3	2012	50	80	90	24	32	-
SPA 132-05	132.0	137.5	3	2517	60	80	102	17.5	45	-
SPA 140-05	140.0	145.5	3	2517	60	80	108	17.5	45	-
SPA 150-05	150.0	155.5	3	2517	60	80	118	17.5	45	-
SPA 160-05	160.0	165.5	3	2517	60	80	128	17.5	45	-
SPA 170-05	170.0	175.5	3	2517	60	80	138	17.5	45	-
SPA 180-05	180.0	185.5	3	3020	75	80	148	14.5	51	-
SPA 190-05	190.0	195.5	3	3020	75	80	158	14.5	51	-
SPA 200-05	200.0	205.5	3	3020	75	80	168	14.5	51	-
SPA 212-05	212.0	217.5	2	3020	75	80	176	-	51	-
SPA 224-05	224.0	229.5	2	3020	75	80	189	-	51	-
SPA 236-05	236.0	241.5	5	3020	75	80	200	14.5	51	155
SPA 250-05	250.0	255.5	5	3020	75	80	215	14.5	51	155
SPA 265-05	265.0	270.5	5	3020	75	80	230	14.5	51	155
SPA 280-05	280.0	285.5	8	3535	90	80	245	-	89	175
SPA 300-05	300.0	305.5	8	3535	90	80	261	-	89	175
SPA 315-05	315.0	320.5	8	3535	90	80	280	-	89	175
SPA 335-05	335.0	340.5	8	3535	90	80	298	-	89	175
SPA 355-05	355.0	360.5	8	3535	90	80	320	-	89	175
SPA 375-05	375.0	380.5	8	3535	90	80	338	-	89	175
SPA 400-05	400.0	405.5	8	3535	90	80	365	-	89	175
SPA 425-05	425.0	430.5	8	3535	90	80	388	-	89	175
SPA 450-05	450.0	455.5	8	3535	90	80	415	-	89	175
SPA 475-05	475.0	480.5	8	3535	90	80	439	-	89	175
SPA 500-05	500.0	505.5	8	3535	90	80	465	-	89	175
SPA 530-05	530.0	535.5	8	3535	90	80	494	-	89	175
SPA 560-05	560.0	565.5	8	3535	90	80	525	-	89	175
SPA 630-05	630.0	635.5	8	3535	90	80	595	-	89	175
SPA 710-05	710.0	715.5	8	4040	100	80	675	11	102	210
SPA 800-05	800.0	805.5	8	4040	100	80	765	11	102	210
SPA 1000-05	1000.0	1005.5	8	4545	110	80	965	17	114	225



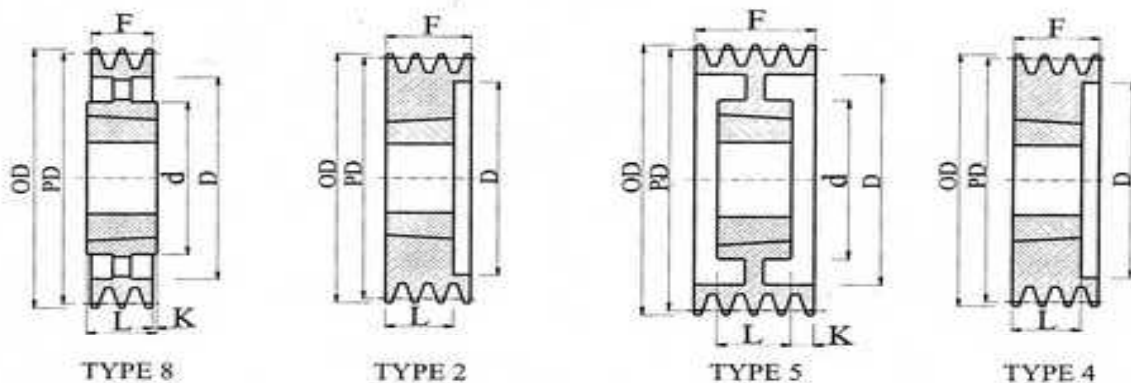
6 GROOVE										
型号 PART NO.	节径 P.D.	外径 O. D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPA 100-06	100.0	105.5	3	1615	42	95	69	28.5	38	-
SPA 106-06	106.0	111.5	4	2012	50	95	71	-	32	-
SPA 112-06	112.0	117.5	4	2012	50	95	77	-	32	-
SPA 118-06	118.0	123.5	4	2012	50	95	84	-	32	-
SPA 125-06	125.0	130.5	3	2012	50	95	90	31.5	32	-
SPA 132-06	132.0	137.5	3	2517	60	95	102	25	45	-
SPA 140-06	140.0	145.5	3	2517	60	95	105	25	45	-
SPA 150-06	150.0	155.5	3	2517	60	95	115	25	45	-
SPA 160-06	160.0	165.5	3	2517	60	95	125	25	45	-
SPA 170-06	170.0	175.5	3	2517	60	95	135	25	45	-
SPA 180-06	180.0	185.5	3	3020	75	95	145	22	51	-
SPA 190-06	190.0	195.5	3	3020	75	95	155	22	51	-
SPA 200-06	200.0	205.5	3	3020	75	95	165	22	51	-
SPA 212-06	212.0	217.5	3	3020	75	95	176	22	51	-
SPA 224-06	224.0	229.5	3	3020	75	95	189	22	51	-
SPA 236-06	236.0	241.5	5	3020	75	95	201	22	51	155
SPA 250-06	250.0	255.5	5	3020	75	95	215	22	51	155
SPA 265-06	265.0	270.5	5	3020	75	95	229	22	51	155
SPA 280-06	280.0	285.5	7	3535	90	95	245	3	89	175
SPA 300-06	300.0	305.5	7	3535	90	95	264	3	89	175
SPA 315-06	315.0	320.5	7	3535	90	95	280	3	89	175
SPA 335-06	335.0	340.5	7	3535	90	95	299	3	89	175
SPA 355-06	355.0	360.5	7	3535	90	95	320	3	89	175
SPA 375-06	375.0	380.5	7	3535	90	95	339	3	89	175
SPA 400-06	400.0	405.5	7	3535	90	95	365	3	89	175
SPA 425-06	425.0	430.5	7	3535	90	95	389	3	89	175
SPA 450-06	450.0	455.5	7	3535	90	95	415	3	89	175
SPA 475-06	475.0	480.5	7	3535	90	95	439	3	89	175
SPA 500-06	500.0	505.5	7	3535	90	95	465	3	89	175
SPA 530-06	530.0	535.5	7	3535	90	95	494	3	89	175
SPA 560-06	560.0	565.5	7	3535	90	95	524	3	89	175
SPA 630-06	630.0	635.5	8	4040	100	95	595	3.5	102	210
SPA 710-06	710.0	715.5	8	4040	100	95	675	3.5	102	210
SPA 800-06	800.0	805.5	8	4040	100	95	765	3.5	102	210
SPA 1000-06	1000.0	1005.5	8	4545	110	95	964	9.5	114	225



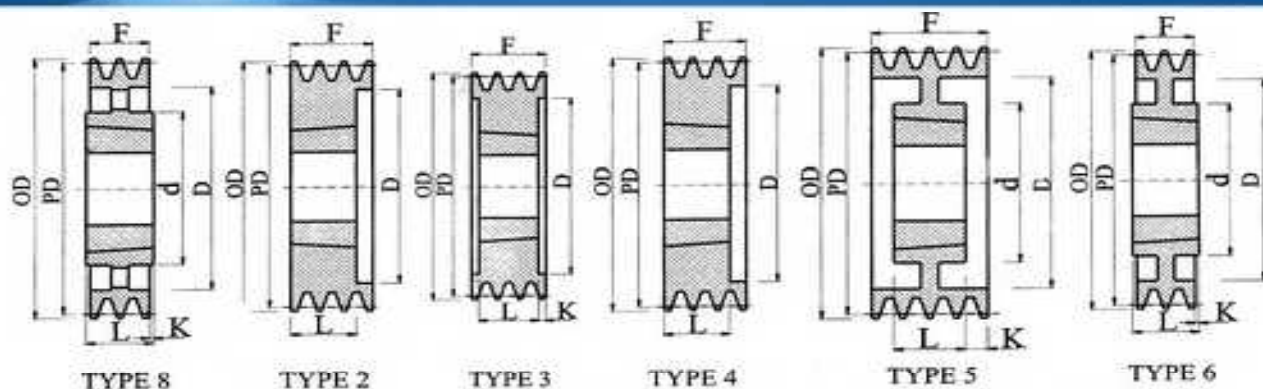
1 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPB 100-01	100.0	107.6	0	1610	42	25	-	-	25	-
SPB 106-01	106.0	113.6	0	1610	42	25	-	-	25	-
SPB 112-01	112.0	119.6	0	1610	42	25	-	-	25	-
SPB 118-01	118.0	125.6	0	1610	42	25	-	-	25	-
SPB 125-01	125.0	132.6	0	1610	42	25	-	-	25	-
SPB 132-01	132.0	139.6	0	1610	42	25	-	-	25	-
SPB 140-01	140.0	147.6	0	1610	42	25	-	-	25	-
SPB 150-01	150.0	157.6	0	1610	42	25	-	-	25	-
SPB 160-01	160.0	167.6	0	1610	42	25	-	-	25	-
SPB 170-01	170.0	177.6	0	1610	42	25	-	-	25	-
SPB 180-01	180.0	187.6	0	1610	42	25	-	-	25	-
SPB 190-01	190.0	197.6	1	2012	50	25	-	-	32	100
SPB 200-01	200.0	207.6	6	2012	50	25	157	-	32	100
SPB 212-01	212.0	219.6	6	2012	50	25	169	-	32	100
SPB 224-01	224.0	231.6	6	2012	50	25	181	-	32	100
SPB 236-01	236.0	243.6	6	2012	50	25	193	-	32	100
SPB 250-01	250.0	257.6	6	2012	50	25	207	-	32	100
SPB 265-01	265.0	272.6	6	2012	50	25	218	3.5	32	100
SPB 280-01	280.0	287.6	6	2012	50	25	237	3.5	32	100
SPB 300-01	300.0	307.6	6	2012	50	25	257	3.5	32	100
SPB 315-01	315.0	322.6	6	2012	50	25	272	3.5	32	100
SPB 335-01	335.0	342.6	6	2517	60	25	288	10	45	125
SPB 355-01	355.0	362.6	8	3020	75	25	312	13	51	146
SPB 375-01	375.0	382.6	8	3020	75	25	328	13	51	146
SPB 400-01	400.0	407.6	8	3020	75	25	357	13	51	146
SPB 425-01	425.0	432.6	8	3020	75	25	382	13	51	146
SPB 450-01	450.0	457.6	8	3020	75	25	407	13	51	146
SPB 475-01	475.0	482.6	8	3020	75	25	432	13	51	146
SPB 500-01	500.0	507.6	8	3020	75	25	457	13	51	146
SPB 530-01	530.0	537.6	8	3020	75	25	484	13	51	146
SPB 560-01	560.0	567.6	8	3020	75	25	517	13	51	146
SPB 630-01	630.0	637.6	8	3020	75	25	587	13	51	146



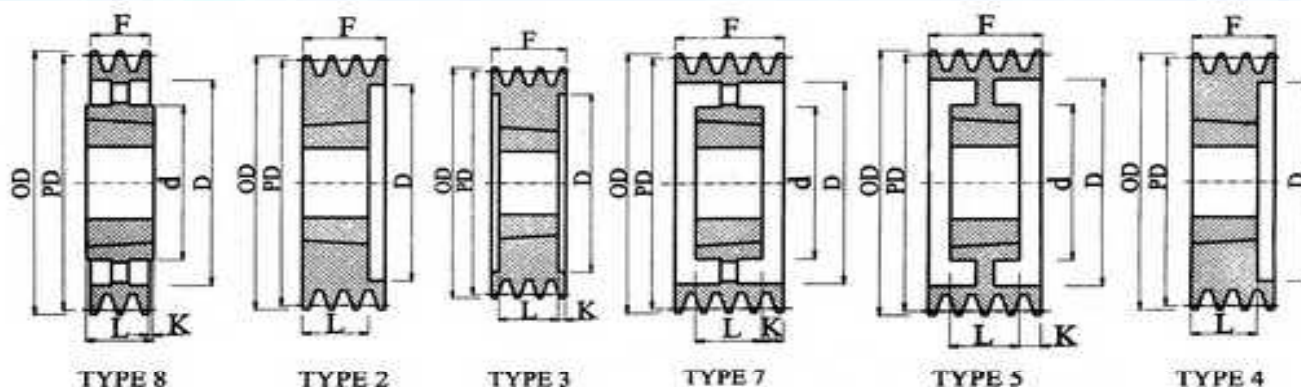
2 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPB 100-02	100.0	107.6	4	1610	42	44	60	-	25	-
SPB 106-02	106.0	113.6	4	1610	42	44	65	-	25	-
SPB 112-02	112.0	119.6	4	1610	42	44	69	-	25	-
SPB 118-02	118.0	125.6	4	1610	42	44	75	-	25	-
SPB 125-02	125.0	132.6	2	2012	50	44	82	-	32	-
SPB 132-02	132.0	139.6	2	2012	50	44	89	-	32	-
SPB 140-02	140.0	147.6	2	2012	50	44	97	-	32	-
SPB 150-02	150.0	157.6	2	2012	50	44	107	-	32	-
SPB 160-02	160.0	167.6	4	2012	50	44	117	-	32	-
SPB 170-02	170.0	177.6	4	2012	50	44	127	-	32	-
SPB 180-02	180.0	187.6	0	2517	60	45	-	-	45	-
SPB 190-02	190.0	197.6	0	2517	60	45	-	-	45	-
SPB 200-02	200.0	207.6	0	2517	60	45	-	-	45	-
SPB 212-02	212.0	219.6	6	2517	60	44	169	-	45	125
SPB 224-02	224.0	231.6	6	2517	60	44	181	-	45	125
SPB 236-02	236.0	243.6	6	2517	60	44	193	-	45	125
SPB 250-02	250.0	257.6	6	2517	60	44	207	-	45	125
SPB 265-02	265.0	272.6	6	2517	60	44	218	-	45	125
SPB 280-02	280.0	287.6	6	2517	60	44	237	-	45	125
SPB 300-02	300.0	307.6	6	2517	60	44	257	-	45	125
SPB 315-02	315.0	322.6	6	2517	60	44	272	-	45	125
SPB 335-02	335.0	342.6	6	2517	60	44	292	-	45	125
SPB 355-02	355.0	362.6	8	3020	75	44	312	-	51	155
SPB 375-02	375.0	382.6	8	3020	75	44	328	-	51	155
SPB 400-02	400.0	407.6	8	3020	75	44	357	-	51	155
SPB 425-02	425.0	432.6	8	3020	75	44	381	-	51	155
SPB 450-02	450.0	457.6	8	3020	75	44	407	-	51	155
SPB 475-02	475.0	482.6	8	3020	75	44	431	-	51	155
SPB 500-02	500.0	507.6	8	3020	75	44	457	-	51	155
SPB 530-02	530.0	537.6	8	3020	75	44	484	-	51	155
SPB 560-02	560.0	567.6	8	3030	75	44	517	16	76	155
SPB 630-02	630.0	637.6	8	3030	75	44	587	16	76	155
SPB 710-02	710.0	717.6	8	3030	75	44	664	16	76	155
SPB 800-02	800.0	807.6	8	3535	90	44	753	22.5	89	175



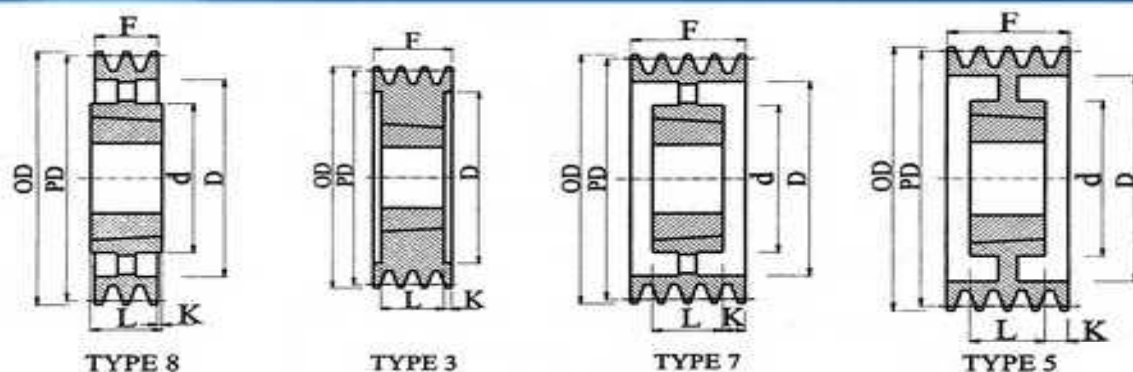
3 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPB 100-03	100.0	107.6	4	1610	42	63	60	-	25	-
SPB 106-03	106.0	113.6	4	1610	42	63	65	-	25	-
SPB 112-03	112.0	119.6	4	1610	42	63	69	-	25	-
SPB 118-03	118.0	125.6	4	1610	42	63	76	-	25	-
SPB 125-03	125.0	132.6	2	2012	50	63	90	-	32	-
SPB 132-03	132.0	139.6	2	2012	50	63	89	-	32	-
SPB 140-03	140.0	147.6	2	2012	50	63	97	-	32	-
SPB 150-03	150.0	157.6	2	2517	60	63	107	-	45	-
SPB 160-03	160.0	167.6	4	2517	60	63	117	-	45	-
SPB 170-03	170.0	177.6	4	2517	60	63	127	-	45	-
SPB 180-03	180.0	187.6	4	2517	60	63	137	-	45	-
SPB 190-03	190.0	197.6	4	2517	60	63	147	-	45	-
SPB 200-03	200.0	207.6	2	2517	60	63	157	-	45	-
SPB 212-03	212.0	219.6	5	2517	60	63	169	-	45	125
SPB 224-03	224.0	231.6	5	2517	60	63	181	-	45	125
SPB 236-03	236.0	243.6	5	2517	60	63	193	-	45	125
SPB 250-03	250.0	257.6	5	3020	75	63	207	-	51	155
SPB 265-03	265.0	272.6	5	3020	75	63	222	-	51	155
SPB 280-03	280.0	287.6	5	3020	75	63	237	6	51	155
SPB 300-03	300.0	307.6	5	3020	75	63	257	6	51	155
SPB 315-03	315.0	322.6	5	3020	75	63	272	6	51	155
SPB 335-03	335.0	342.6	5	3020	75	63	292	6	51	155
SPB 355-03	355.0	362.6	8	3020	75	63	312	6	51	155
SPB 375-03	375.0	382.6	8	3535	90	63	332	-	89	175
SPB 400-03	400.0	407.6	8	3535	90	63	357	-	89	175
SPB 425-03	425.0	432.6	8	3535	90	63	382	-	89	175
SPB 450-03	450.0	457.6	8	3535	90	63	407	-	89	175
SPB 475-03	475.0	482.6	8	3535	90	63	431	13	89	175
SPB 500-03	500.0	507.6	8	3535	90	63	457	13	89	175
SPB 530-03	530.0	537.6	8	3535	90	63	484	13	89	175
SPB 560-03	560.0	567.6	8	3535	90	63	517	13	89	175
SPB 630-03	630.0	637.6	8	3535	90	63	587	13	89	175
SPB 710-03	710.0	717.6	8	3535	90	63	667	13	89	175
SPB 800-03	800.0	807.6	8	3535	90	63	757	13	89	175
SPB 1000-03	1000.0	1007.6	8	4040	100	63	957	19.5	102	210
SPB 1250-03	1250.0	1257.6	8	4040	100	63	1204	19.5	102	210



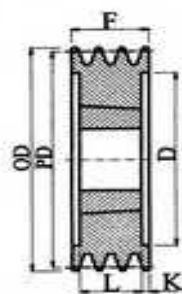
4 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPB 100-04	100.0	107.6	4	1615	42	82	58	-	38	-
SPB 106-04	106.0	113.6	4	1615	42	82	65	-	38	-
SPB 112-04	112.0	119.6	3	1615	42	82	65	22	38	-
SPB 118-04	118.0	125.6	3	1615	42	82	71	22	38	-
SPB 125-04	125.0	132.6	3	2012	50	82	90	25	32	-
SPB 132-04	132.0	139.6	3	2012	50	82	89	25	32	-
SPB 140-04	140.0	147.6	3	2517	60	82	98	19	45	-
SPB 150-04	150.0	157.6	3	2517	60	82	107	19	45	-
SPB 160-04	160.0	167.6	3	2517	60	82	117	19	45	-
SPB 170-04	170.0	177.6	3	2517	60	82	127	19	45	-
SPB 180-04	180.0	187.6	3	2517	60	82	137	19	45	-
SPB 190-04	190.0	197.6	3	2517	60	82	147	19	45	-
SPB 200-04	200.0	207.6	2	3020	75	82	157	-	51	-
SPB 212-04	212.0	219.6	2	3020	75	82	169	-	51	-
SPB 224-04	224.0	231.6	2	3020	75	82	181	-	51	-
SPB 236-04	236.0	243.6	2	3020	75	82	193	-	51	-
SPB 250-04	250.0	257.6	5	3020	75	82	207	-	51	155
SPB 265-04	265.0	272.6	5	3020	75	82	222	16	51	155
SPB 280-04	280.0	287.6	5	3020	75	82	237	16	51	155
SPB 300-04	300.0	307.6	6	3535	90	82	257	-	89	175
SPB 315-04	315.0	322.6	6	3535	90	82	272	-	89	175
SPB 335-04	335.0	342.6	6	3535	90	82	292	-	89	175
SPB 355-04	355.0	362.6	8	3535	90	82	312	-	89	175
SPB 375-04	375.0	382.6	8	3535	90	82	332	-	89	175
SPB 400-04	400.0	407.6	8	3535	90	82	357	-	89	175
SPB 425-04	425.0	432.6	8	3535	90	82	382	-	89	175
SPB 450-04	450.0	457.6	8	3535	90	82	407	-	89	175
SPB 475-04	475.0	482.6	8	3535	90	82	431	-	89	175
SPB 500-04	500.0	507.6	8	3535	90	82	457	-	89	175
SPB 530-04	530.0	537.6	8	3535	90	82	484	-	89	175
SPB 560-04	560.0	567.6	8	3535	90	82	517	-	89	175
SPB 630-04	630.0	637.6	8	3535	90	82	587	-	89	175
SPB 710-04	710.0	717.6	8	3535	90	82	667	-	89	175
SPB 800-04	800.0	807.6	8	4040	100	82	757	10	102	210
SPB 1000-04	1000.0	1007.6	8	4040	100	82	954	10	102	210
SPB 1250-04	1250.0	1257.6	8	4545	110	82	1204	16	114	225



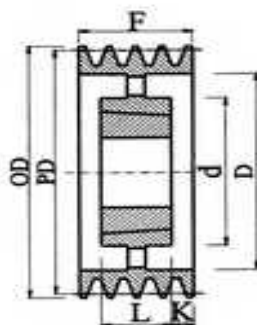
5 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPB 112-05	112.0	119.6	4	2012	50	101	69	-	32	-
SPB 118-05	118.0	125.6	4	2012	50	101	71	-	32	-
SPB 125-05	125.0	132.6	4	2012	50	101	87	-	32	-
SPB 132-05	132.0	139.6	4	2517	60	101	94	-	45	-
SPB 140-05	140.0	147.6	3	2517	60	101	106	28	45	-
SPB 150-05	150.0	157.6	3	2517	60	101	107	28	45	-
SPB 160-05	160.0	167.6	3	2517	60	101	117	28	45	-
SPB 170-05	170.0	177.6	3	3020	75	101	127	25	51	-
SPB 180-05	180.0	187.6	3	3020	75	101	137	25	51	-
SPB 190-05	190.0	197.6	3	3020	75	101	147	25	51	-
SPB 200-05	200.0	207.6	3	3020	75	101	157	25	51	-
SPB 212-05	212.0	219.6	3	3020	75	101	169	25	51	-
SPB 224-05	224.0	231.6	3	3020	75	101	181	25	51	-
SPB 236-05	236.0	243.6	2	3535	90	101	193	-	89	-
SPB 250-05	250.0	257.6	2	3535	90	101	207	-	89	175
SPB 265-05	265.0	272.6	2	3535	90	101	224	-	89	175
SPB 280-05	280.0	287.6	5	3535	90	101	237	6	89	175
SPB 300-05	300.0	307.6	5	3535	90	101	257	6	89	175
SPB 315-05	315.0	322.6	5	3535	90	101	272	6	89	175
SPB 335-05	335.0	342.6	5	3535	90	101	292	6	89	175
SPB 355-05	355.0	362.6	7	3535	90	101	312	6	89	175
SPB 375-05	375.0	382.6	7	3535	90	101	332	6	89	175
SPB 400-05	400.0	407.6	7	3535	90	101	357	6	89	175
SPB 425-05	425.0	432.6	7	3535	90	101	382	6	89	175
SPB 450-05	450.0	457.6	7	3535	90	101	407	6	89	175
SPB 475-05	475.0	482.6	7	3535	90	101	432	6	89	175
SPB 500-05	500.0	507.6	7	3535	90	101	457	6	89	175
SPB 530-05	530.0	537.6	7	3535	90	101	484	6	89	175
SPB 560-05	560.0	567.6	8	4040	100	101	517	-	102	210
SPB 630-05	630.0	637.6	8	4040	100	101	587	-	102	210
SPB 710-05	710.0	717.6	8	4040	100	101	664	-	102	210
SPB 800-05	800.0	807.6	8	4040	100	101	757	-	102	210
SPB 900-05	900.0	907.6	8	4545	110	101	857	-	114	225
SPB 1000-05	1000.0	1007.6	8	4545	110	101	953	-	114	225
SPB 1250-05	1250.0	1257.6	8	4545	110	101	1204	-	114	225



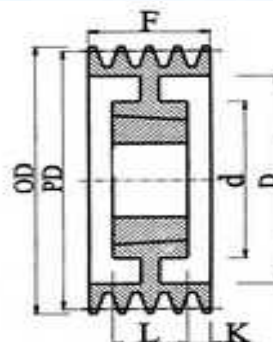
6 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	衬套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPB 112-06	112.0	119.6	3	2012	50	120	69	44	32	-
SPB 118-06	118.0	125.6	3	2012	50	120	71	44	32	-
SPB 125-06	125.0	132.6	3	2012	50	120	85	44	32	-
SPB 132-06	132.0	139.6	3	2517	60	120	92	38	45	-
SPB 140-06	140.0	147.6	3	2517	60	120	106	38	45	-
SPB 150-06	150.0	157.6	3	2517	60	120	107	38	45	-
SPB 160-06	160.0	167.6	3	3020	75	120	123	35	51	-
SPB 170-06	170.0	177.6	3	3020	75	120	127	35	51	-
SPB 180-06	180.0	187.6	3	3020	75	120	137	35	51	-
SPB 190-06	190.0	197.6	3	3020	75	120	147	35	51	-
SPB 200-06	200.0	207.6	3	3020	75	120	157	35	51	-
SPB 212-06	212.0	219.6	3	3535	90	120	169	16	89	-
SPB 224-06	224.0	231.6	3	3535	90	120	181	16	89	-
SPB 236-06	236.0	243.6	3	3535	90	120	193	16	89	-
SPB 250-06	250.0	257.6	3	3535	90	120	207	16	89	-
SPB 265-06	265.0	272.6	5	3535	90	120	222	16	89	175
SPB 280-06	280.0	287.6	5	3535	90	120	237	16	89	175
SPB 300-06	300.0	307.6	5	3535	90	120	257	16	89	175
SPB 315-06	315.0	322.6	5	3535	90	120	272	16	89	175
SPB 335-06	335.0	342.6	5	3535	90	120	292	16	89	175
SPB 355-06	355.0	362.6	7	3535	90	120	312	16	89	175
SPB 375-06	375.0	382.6	7	3535	90	120	332	16	89	175
SPB 400-06	400.0	407.6	7	3535	90	120	357	16	89	175
SPB 425-06	425.0	432.6	7	3535	90	120	382	16	89	175
SPB 450-06	450.0	457.6	7	4040	100	120	407	9	102	210
SPB 475-06	475.0	482.6	7	4040	100	120	432	9	102	210
SPB 500-06	500.0	507.6	7	4040	100	120	457	9	102	210
SPB 530-06	530.0	537.6	7	4040	100	120	484	9	102	210
SPB 560-06	560.0	567.6	7	4040	100	120	517	9	102	210
SPB 630-06	630.0	637.6	7	4040	100	120	587	9	102	210
SPB 710-06	710.0	717.6	7	4545	110	120	664	3	102	225
SPB 800-06	800.0	807.6	7	4545	110	120	757	3	114	225
SPB 900-06	900.0	907.6	7	4545	110	120	857	3	114	225
SPB 1000-06	1000.0	1007.6	7	4545	110	120	953	3	114	225
SPB 1250-06	1250.0	1257.6	8	5050	125	120	1204	4	127	245



TYPE 3

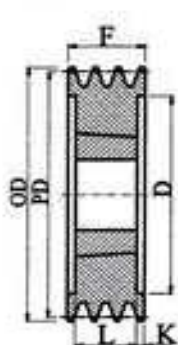


TYPE 7

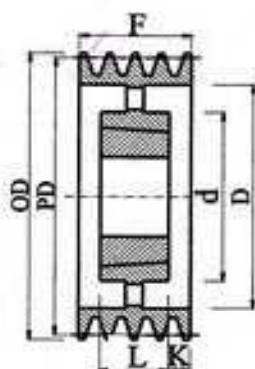


TYPE 5

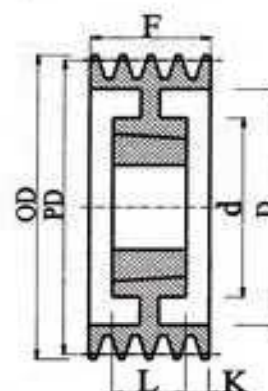
8 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPB 160-08	160.6	167.6	3	3020	75	158	117	54	51	-
SPB 170-08	170.6	177.6	3	3030	75	158	123	41	76	-
SPB 180-08	180.6	187.6	3	3030	75	158	137	41	76	-
SPB 190-08	190.6	197.6	3	3030	75	158	147	41	76	-
SPB 200-08	200.6	207.6	3	3535	90	158	157	34.5	89	-
SPB 212-08	212.6	219.6	3	3535	90	158	169	34.5	89	-
SPB 224-08	224.6	231.6	3	3535	90	158	181	34.5	89	-
SPB 236-08	236.6	243.6	3	3535	90	158	193	34.5	89	-
SPB 250-08	250.6	257.6	3	3535	90	158	207	34.5	89	-
SPB 265-08	265.0	272.0	3	3535	90	158	218	34.5	89	-
SPB 280-08	280.6	287.6	5	3535	90	158	237	34.5	89	175
SPB 300-08	300.6	307.6	5	3535	90	158	257	34.5	89	175
SPB 315-08	315.6	322.6	5	3535	90	158	272	34.5	89	175
SPB 335-08	335.6	342.6	5	3535	90	158	292	34.5	89	175
SPB 355-08	355.6	362.6	5	3535	90	158	312	34.5	89	175
SPB 375-08	375.0	382.0	5	3535	90	158	335	34.5	89	175
SPB 400-08	400.6	407.6	7	4040	100	158	357	28	102	210
SPB 425-08	425.0	432.0	7	4040	100	158	381	28	102	210
SPB 450-08	450.6	457.6	7	4040	100	158	407	28	102	210
SPB 500-08	500.6	507.6	7	4040	100	158	457	28	102	210
SPB 530-08	530.0	537.0	7	4040	100	158	484	28	102	210
SPB 560-08	560.6	567.6	7	4545	110	158	517	22	114	225
SPB 630-08	630.6	637.6	7	4545	110	158	587	22	114	225
SPB 710-08	710.6	717.6	7	4545	110	158	667	22	114	225
SPB 800-08	800.6	807.6	7	4545	110	158	757	22	114	225
SPB 900-08	900.6	907.6	7	4545	110	158	857	22	114	225
SPB 1000-08	1000.6	1007.6	7	5050	125	158	957	15.5	127	245
SPB 1250-08	1250.6	1257.6	7	5050	125	158	1207	15.5	127	245



TYPE 3

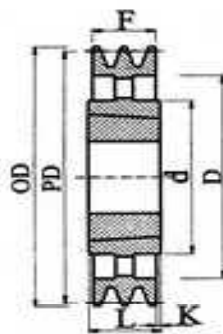


TYPE 7

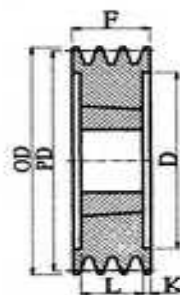


TYPE 5

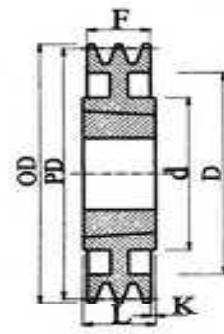
10 GROOVE										
型号	节径	外径	图例	锥套	最大孔径	F	D	K	L	d
PART NO.	P.D.	O.D.	TYPE	BUSH NO.	MAX BORE					
SPB 224-10	224.6	231.6	3	3535	90	196	183	53.5	89	-
SPB 236-10	236.6	243.6	3	3535	90	196	197	53.5	89	-
SPB 250-10	250.6	257.6	3	3535	90	196	211	53.5	89	-
SPB 280-10	280.6	287.6	5	3535	90	196	229	53.5	89	175
SPB 315-10	315.6	322.6	5	3535	90	196	265	53.5	89	175
SPB 335-10	335.6	342.6	5	4040	100	196	285	47	102	210
SPB 355-10	355.6	362.6	5	4040	100	196	310	47	102	210
SPB 400-10	400.6	407.6	5	4040	100	196	400	47	102	210
SPB 450-10	450.6	457.6	7	4545	110	196	407	41	114	225
SPB 500-10	500.6	507.6	7	4545	110	196	449	41	114	225
SPB 560-10	560.6	567.6	7	4545	110	196	517	41	114	225
SPB 630-10	630.6	637.6	7	4545	110	196	587	41	114	225
SPB 710-10	710.6	717.6	7	4545	110	196	667	41	114	225
SPB 800-10	800.6	807.6	7	4545	110	196	757	41	114	225
SPB 900-10	900.6	907.6	7	5050	125	196	853	34.5	127	245
SPB 1000-10	1000.6	1007.6	7	5050	125	196	954	34.5	127	245
SPB 1250-10	1250.0	1257.0	7	5050	125	196	1203	34.5	127	245



TYPE 8



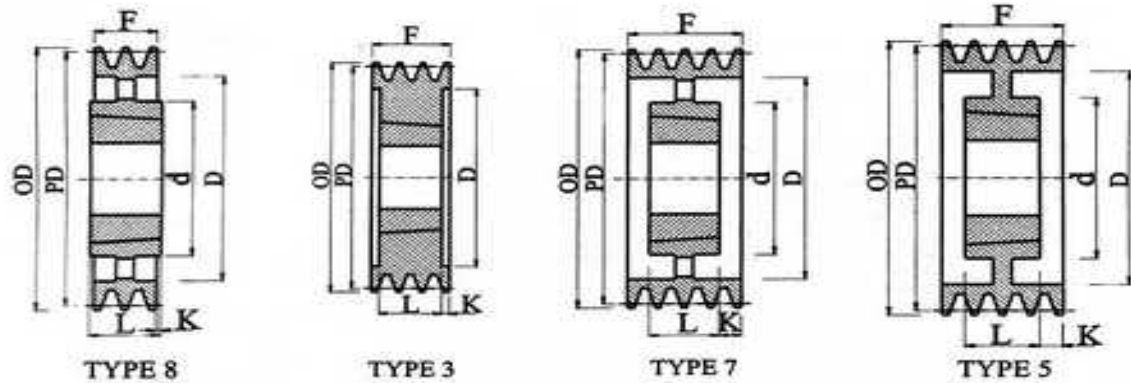
TYPE 3



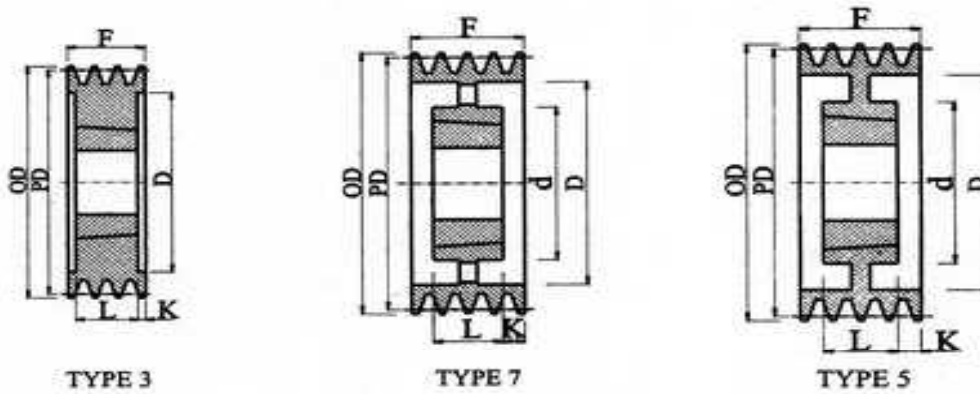
TYPE 6

3 GROOVE

型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPC 200-03	200.0	210.0	3	2517	60	85	144	20	45	-
SPC 212-03	212.0	222.0	3	3020	75	85	156	17	51	-
SPC 224-03	224.0	234.0	3	3020	75	85	168	17	51	-
SPC 236-03	236.0	246.0	3	3020	75	85	180	17	51	-
SPC 250-03	250.0	260.0	3	3020	75	85	194	17	51	-
SPC 265-03	265.0	275.0	6	3535	90	85	-	0	89	175
SPC 280-03	280.0	290.0	6	3535	90	85	-	0	89	175
SPC 300-03	300.0	310.0	6	3535	90	85	244	2	89	175
SPC 315-03	315.0	325.0	6	3535	90	85	259	2	89	175
SPC 335-03	335.0	345.0	6	3535	90	85	279	2	89	175
SPC 355-03	355.0	365.0	6	3535	90	85	299	2	89	175
SPC 375-03	375.0	385.0	6	3535	90	85	319	2	89	175
SPC 400-03	400.0	410.0	8	3535	90	85	344	2	89	175
SPC 425-03	425.0	435.0	8	3535	90	85	369	2	89	175
SPC 450-03	450.0	460.0	8	3535	90	85	394	2	89	175
SPC 475-03	475.0	485.0	8	3535	90	85	419	2	89	175
SPC 500-03	500.0	510.0	8	3535	90	85	444	2	89	175
SPC 530-03	530.0	540.0	8	3535	90	85	474	2	89	175
SPC 560-03	560.0	570.0	8	3535	90	85	504	2	89	175
SPC 630-03	630.0	640.0	8	4040	100	85	574	8.5	102	210
SPC 710-03	710.0	720.0	8	4040	100	85	654	8.5	102	215
SPC 800-03	800.0	810.0	8	4545	110	85	744	14.5	114	225
SPC 1000-03	1000.0	1010.0	8	5050	125	85	940	21	127	245
SPC 1250-03	1250.0	1260.0	8	5050	125	85	1190	21	127	245



4 GROOVE										
型号*	节径	外径	图例	锥套	最大孔径	F	D	K	L	d
PART NO.	P.D.	O.D.	TYPE	BUSH NO.	MAX BORE					
SPC 200-04	200.0	210.0	3	3020	75	111	144	30	51	-
SPC 212-04	212.0	222.0	3	3020	75	111	156	30	51	-
SPC 224-04	224.0	234.0	3	3535	90	111	168	11	89	-
SPC 236-04	236.0	246.0	3	3535	90	111	180	11	89	-
SPC 250-04	250.0	260.0	3	3535	90	111	194	11	89	-
SPC 265-04	265.0	275.0	3	3535	90	111	209	11	89	-
SPC 280-04	280.0	290.0	5	3535	90	111	224	11	89	175
SPC 300-04	300.0	310.0	5	3535	90	111	244	11	89	175
SPC 315-04	315.0	325.0	5	3535	90	111	259	11	89	175
SPC 335-04	335.0	345.0	5	3535	90	111	279	11	89	175
SPC 355-04	355.0	365.0	5	3535	90	111	299	11	89	175
SPC 375-04	375.0	385.0	5	3535	90	111	319	11	89	175
SPC 400-04	400.0	410.0	7	3535	90	111	344	11	89	175
SPC 425-04	425.0	435.0	7	3535	90	111	369	11	89	175
SPC 450-04	450.0	460.0	7	3535	90	111	394	11	89	175
SPC 475-04	475.0	485.0	7	3535	90	111	419	11	89	175
SPC 500-04	500.0	510.0	7	3535	90	111	444	11	89	175
SPC 530-04	530.0	540.0	7	4040	100	111	474	4.5	102	210
SPC 560-04	560.0	570.0	7	4040	100	111	504	4.5	102	210
SPC 630-04	630.0	640.0	8	4545	110	111	574	-	114	225
SPC 710-04	710.0	720.0	8	4545	110	111	654	-	114	225
SPC 800-04	800.0	810.0	8	5050	125	111	744	8	127	245
SPC 900-04	900.0	910.0	8	5050	125	111	840	8	127	245
SPC 1000-04	1000.0	1010.0	8	5050	125	111	940	8	127	245
SPC 1250-04	1250.0	1260.0	8	5050	125	111	1190	8	127	245

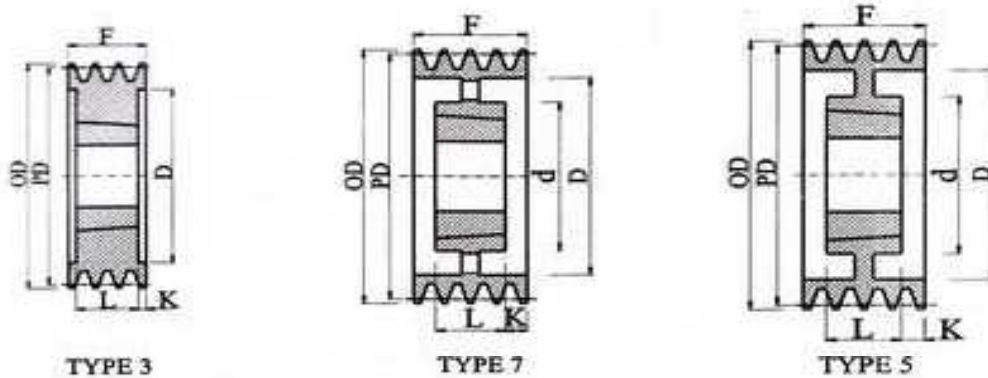


TYPE 3

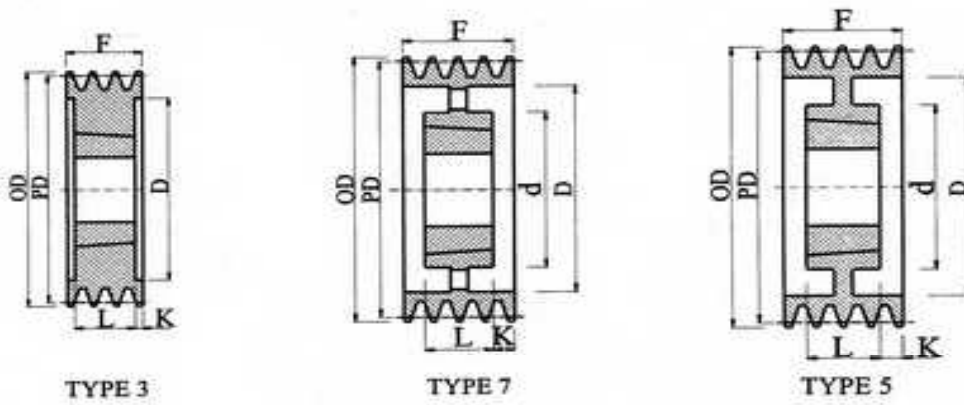
TYPE 7

TYPE 5

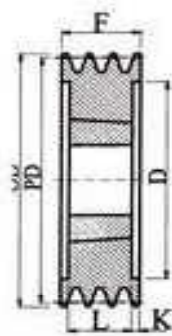
5 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPC 200-05	200.0	210.0	3	3535	90	136	145	23.5	89	-
SPC 212-05	212.0	222.0	3	3535	90	136	156	23.5	89	-
SPC 224-05	224.0	234.0	3	3535	90	136	168	23.5	89	-
SPC 236-05	236.0	246.0	3	3535	90	136	180	23.5	89	-
SPC 250-05	250.0	260.0	3	3535	90	136	194	23.5	89	-
SPC 265-05	265.0	275.0	3	3535	90	136	209	23.5	89	-
SPC 280-05	280.0	290.0	3	3535	90	136	224	23.5	89	-
SPC 300-05	300.0	310.0	5	3535	90	136	244	23.5	89	175
SPC 315-05	315.0	325.0	5	3535	90	136	259	23.5	89	175
SPC 335-05	335.0	345.0	5	3535	90	136	279	23.5	89	175
SPC 355-05	355.0	365.0	5	3535	90	136	299	23.5	89	175
SPC 375-05	375.0	385.0	5	3535	90	136	319	23.5	89	175
SPC 400-05	400.0	410.0	7	3535	90	136	344	23.5	89	175
SPC 425-05	425.0	435.0	7	3535	90	136	369	23.5	89	175
SPC 450-05	450.0	460.0	7	4040	100	136	394	17	102	210
SPC 475-05	475.0	485.0	7	4040	100	136	419	17	102	210
SPC 500-05	500.0	510.0	7	4040	100	136	444	17	102	210
SPC 530-05	530.0	540.0	7	4545	110	136	474	11	114	225
SPC 560-05	560.0	570.0	7	4545	110	136	504	11	114	225
SPC 630-05	630.0	640.0	7	5050	125	136	574	4.5	127	245
SPC 710-05	710.0	720.0	7	5050	125	136	654	4.5	127	245
SPC 800-05	800.0	810.0	7	5050	125	136	744	4.5	127	245
SPC 900-05	900.0	910.0	7	5050	125	136	840	4.5	127	245
SPC 1000-05	1000.0	1010.0	7	5050	125	136	940	4.5	127	245
SPC 1250-05	1250.0	1260.0	7	5050	125	136	1190	4.5	127	245



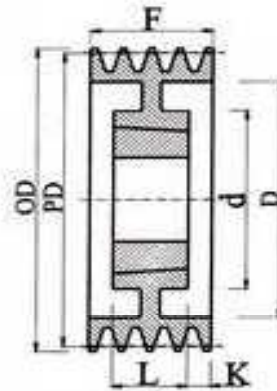
6 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPC 200-06	200.0	210.0	3	3535	90	162	144	36.5	89	-
SPC 212-06	212.0	222.0	3	3535	90	162	156	36.5	89	-
SPC 224-06	224.0	234.0	3	3535	90	162	168	36.5	89	-
SPC 236-06	236.0	246.0	3	3535	90	162	180	36.5	89	-
SPC 250-06	250.0	260.0	3	3535	90	162	194	36.5	89	-
SPC 265-06	265.0	275.0	3	3535	90	162	209	36.5	89	-
SPC 280-06	280.0	290.0	3	3535	90	162	224	36.5	89	-
SPC 300-06	300.0	310.0	5	3535	90	162	244	36.5	89	175
SPC 315-06	315.0	325.0	5	3535	90	162	259	36.5	89	175
SPC 335-06	335.0	345.0	5	3535	90	162	279	36.5	89	175
SPC 355-06	355.0	365.0	5	3535	90	162	299	36.5	89	175
SPC 375-06	375.0	385.0	5	4040	100	162	319	30	102	210
SPC 400-06	400.0	410.0	7	4040	100	162	344	30	102	210
SPC 425-06	425.0	435.0	7	4040	100	162	369	30	102	210
SPC 450-06	450.0	460.0	7	4545	110	162	394	24	114	240
SPC 475-06	475.0	485.0	7	4545	110	162	419	24	114	240
SPC 500-06	500.0	510.0	7	4545	110	162	444	24	114	240
SPC 530-06	530.0	540.0	7	5050	125	162	474	17.5	127	245
SPC 560-06	560.0	570.0	7	5050	125	162	504	17.5	127	245
SPC 630-06	630.0	640.0	7	5050	125	162	574	17.5	127	245
SPC 710-06	710.0	720.0	7	5050	125	162	654	17.5	127	245
SPC 800-06	800.0	810.0	7	5050	125	162	744	17.5	127	245
SPC 900-06	900.0	910.0	7	5050	125	162	840	17.5	127	245
SPC 1000-06	1000.0	1010.0	7	5050	125	162	940	17.5	127	245
SPC 1250-06	1250.0	1260.0	7	5050	125	162	1190	17.5	127	245



8 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPC 200-08	200.0	210.0	3	3535	90	213	144	62	89	-
SPC 212-08	212.0	222.0	3	3535	90	213	156	62	89	-
SPC 224-08	224.0	234.0	3	3535	90	213	168	62	89	-
SPC 236-08	236.0	246.0	3	3535	90	213	180	65	89	-
SPC 250-08	250.0	260.0	3	3535	90	213	194	62	89	-
SPC 265-08	265.0	275.0	3	3535	90	213	209	62	89	-
SPC 280-08	280.0	290.0	3	3535	90	213	224	62	89	-
SPC 300-08	300.0	310.0	5	4040	100	213	244	55.5	102	-
SPC 315-08	315.0	325.0	5	4040	100	213	259	55.5	102	-
SPC 335-08	335.0	345.0	5	4040	100	213	279	55.5	102	210
SPC 355-08	355.0	365.0	5	4040	100	213	299	55.5	102	210
SPC 375-08	375.0	385.0	5	4545	110	213	319	49.5	114	240
SPC 400-08	400.0	410.0	7	4545	110	213	344	49.5	114	240
SPC 425-08	425.0	435.0	7	4545	110	213	369	49.5	114	240
SPC 450-08	450.0	460.0	7	5050	125	213	394	43	127	245
SPC 475-08	475.0	485.0	7	5050	125	213	419	43	127	245
SPC 500-08	500.0	510.0	7	5050	125	213	444	43	127	245
SPC 530-08	530.0	540.0	7	5050	125	213	474	43	127	245
SPC 560-08	560.0	570.0	7	5050	125	213	504	43	127	245
SPC 630-08	630.0	640.0	7	5050	125	213	574	43	127	245
SPC 710-08	710.0	720.0	7	5050	125	213	654	43	127	245
SPC 800-08	800.0	810.0	7	5050	125	213	744	43	127	245
SPC 1000-08	1000.0	1010.0	7	5050	125	213	940	43	127	245
SPC 1250-08	1250.0	1260.0	7	5050	125	213	1190	43	127	245



TYPE 3



TYPE 5

10 GROOVE										
型号 PART NO.	节径 P.D.	外径 O.D.	图例 TYPE	锥套 BUSH NO.	最大孔径 MAX BORE	F	D	K	L	d
SPC 224-10	224.0	234.0	3	4040	100	264	168	81	102	-
SPC 236-10	236.0	246.0	3	4040	100	264	180	81	102	-
SPC 250-10	250.0	260.0	3	4040	100	264	194	81	102	-
SPC 280-10	280.0	290.0	3	4040	100	264	224	81	102	-
SPC 300-10	300.0	310.0	3	4545	110	264	244	75	114	-
SPC 315-10	315.0	325.0	3	4545	110	264	259	75	114	-
SPC 335-10	335.0	345.0	3	4545	110	264	279	75	114	-
SPC 355-10	355.0	365.0	3	4545	110	264	299	75	114	-
SPC 375-10	375.0	385.0	3	4545	110	264	319	75	114	-
SPC 400-10	400.0	410.0	5	5050	125	264	344	68.5	127	245
SPC 450-10	450.0	460.0	5	5050	125	264	394	68.5	127	245
SPC 500-10	500.0	510.0	5	5050	125	264	444	68.5	127	245
SPC 560-10	560.0	570.0	5	5050	125	264	504	68.5	127	245
SPC 630-10	630.0	640.0	5	5050	125	264	574	68.5	127	245
SPC 710-10	710.0	720.0	5	5050	125	264	654	68.5	127	245
SPC 800-10	800.0	810.0	5	5050	125	264	744	68.5	127	245
SPC 1000-10	1000.0	1010.0	5	5050	125	264	940	68.5	127	245
SPC 1250-10	1250.0	1260.0	5	5050	125	264	1190	68.5	127	245