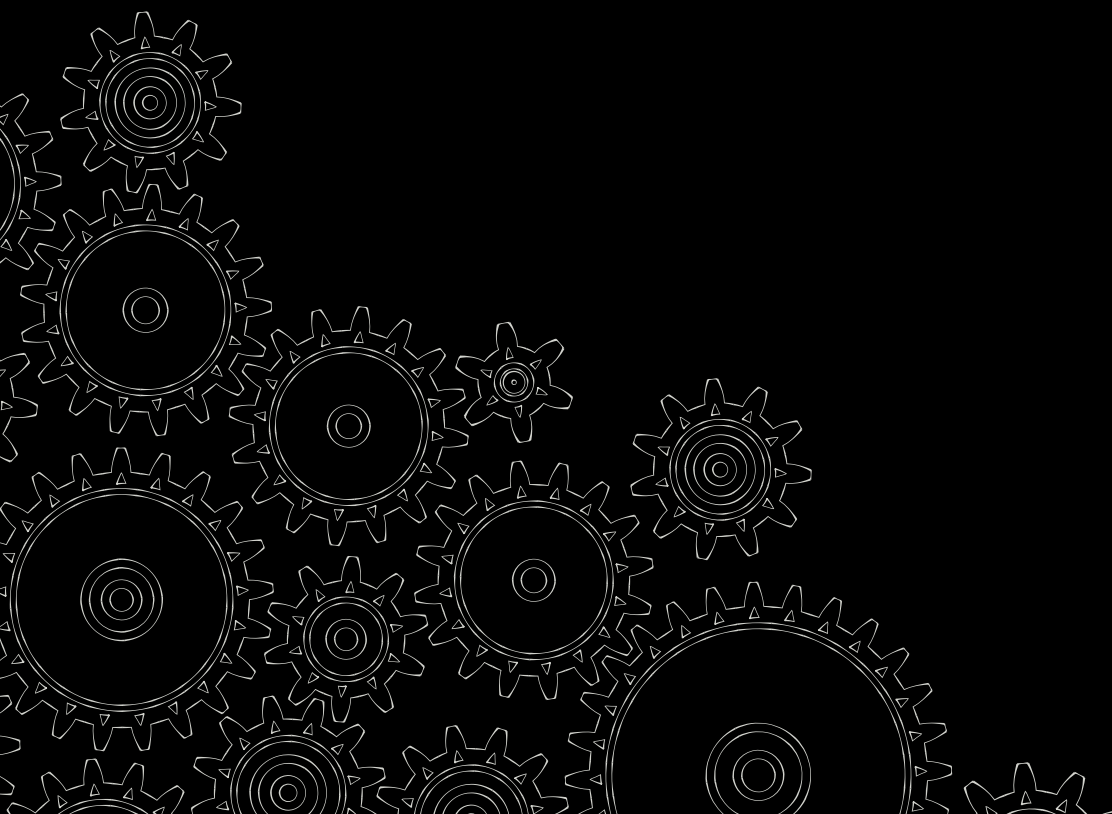




Madani industrail Company



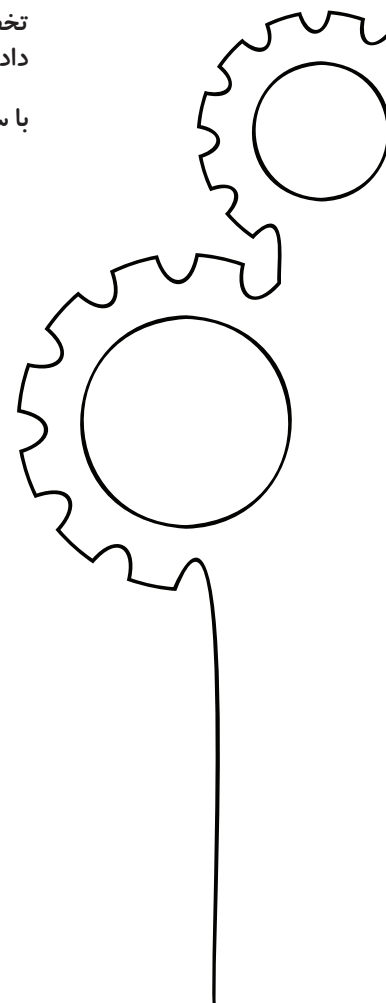
شرکت گروه صنعتی مدنی با بیش از ۳۰ سال سابقه درخشان در زمینه تولید قطعات صنعتی، به عنوان یکی از پیشگامان این صنعت در کشور شناخته می‌شود. این شرکت با بهره‌گیری از فناوری‌های پیشرفته و تیمی مجرب از مهندسان و متخصصان، به تولید و عرضه محصولات متنوعی از جمله دنده، زنجیر، پولی و کوپلینگ پرداخته است.

در طول سه دهه فعالیت، گروه صنعتی مدنی همواره تلاش کرده است تا با ارائه محصولات با کیفیت و مطابق با استانداردهای بین‌المللی، نیازهای صنایع مختلف را برآورده سازد. تعهد به کیفیت، نوآوری مستمر و رضایت مشتریان، همواره سرلوحه کار ما بوده است.

افتخار ما، همراهی با مشتریان وفادار و همکاری با شرکت‌های بزرگ صنعتی است که اعتماد خود را به ما سپرده‌اند. ما با تکیه بر تجربه و تخصص خود، به ارائه راهکارهای مؤثر و محصولات با دوام ادامه خواهیم داد و همواره در جهت بهبود و توسعه محصولات خود گام برمی‌داریم.

با سپاس از انتخاب شما

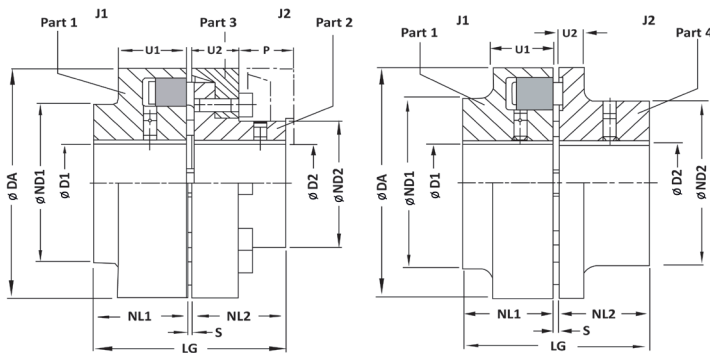
گروه صنعتی مدنی



فهرست

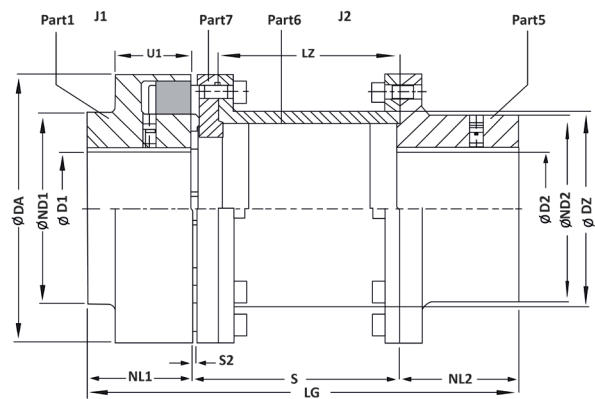
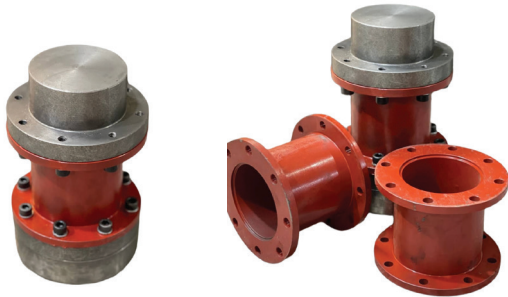
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KB Coupling



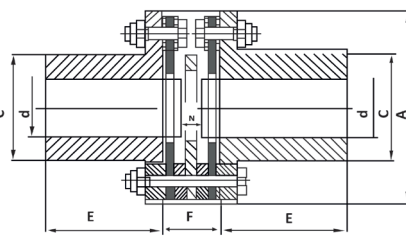
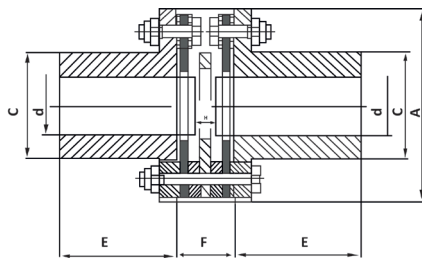
Size	Rated torque flexible type 80 ShoreA T KN Nm	Speed n Kmax rpm	Dimensions in mm Bore with keyway to DIN 6885													Mass moment of inertia	weight
			D1		D2		DA	ND1	ND2	NL1/ NL2	S	U1	U2	P	LG	J1/J2	m
			min	max	min	max										2 kgm	
80	60	6000		30		38	80	80	68	30	3	30	10	63		0.0006	1.3
95	100	5500		42		42	95	76	76	35	3	30	12	73		0.0013	2.2
110	160	5300		48		38	110	86	62	40	3	34	20	33	83	0.003	3
125	240	5100		55		45	125	100	75	50	3	36	23	38	103	0.005	4.8
140	360	4900		60		50	140	100	82	55	3	34	28	43	113	0.008	6
160	560	4250		65		58	160	108	95	60	4	39	28	47	124	0.014	8.4
180	880	3800		75		65	180	125	108	70	4	42	30	50	144	0.025	12
200	1340	3400		85		75	200	140	122	80	4	47	32	53	164	0.04	17
225	2000	3000		90		85	225	150	138	90	4	52	38	61	184	0.08	23
250	2800	2750	46	100		95	250	165	155	100	6	60	42	69	206	0.13	31
280	3900	2450	49	110	54	105	280	180	172	110	6	65	42	73	226	0.20	41
315	5500	2150	49	100	46	100	315	165	165	125	6	70	47	78	256	0.32	57
			90	120	90	120		200	200							0.35	61
350	7700	2000	61	110	61	110	350	180	180	140	6	74	51	83	286	0.54	78
			90	140	90	140		230	230							0.61	82
400	10300	1700	66	120	66	120	400	200	200	160	6	78	56	88	326	1.0	112
			100	150	100	150		250	250							1.1	117
440	13500	1550	80	130	80	130	440	215	215	180	7	86	64	99	367	1.5	147
			120	160	120	160		265	265							1.7	155
480	16600	1400	90	145	90	145	480	240	240	190	7	90	65	104	387	2.3	184
			136	180	136	180		300	300							2.6	200
520	21200	1300	100	150	100	150	520	250	250	210	7	102	68	115	427	3.3	234
			140	190	140	190		315	315							3.7	254
560	29000	1200	120	200	120	200	560	320	320	220	9	115	80	125	449	6.0	329
610	38000	1100	130	220	130	220	610	352	352	240	9	121	88	135	489	9.0	416
660	49000	1000	140	240	140	240	660	384	384	260	9	132	96	145	529	13.5	546
710	62000	1000	140	260	140	260	710	416	416	290	9	138	102	155	589	19	680

KBH Coupling



Size	Rated torque flexible type 80 ShoreA T KN Nm	Speed n Kmax rpm	Dimensions in mm Bore with keyway to DIN 6885													Mass moment of inertia		Weight m kg								
			D1		D2		DA	ND1	ND2	NL1	NL2	S2	S	LZ	DZ	LG	J1 kgm2		J2 kgm2							
			min	max	min	max																				
80	60	6000		30		32	80	80	5.5	30	45	5	100	87	51	175	0.0006	0.001	2.6							
													140	127		215				0.001	0.001	2.7				
95	100	5500		42		42	95	76	70	35	45	5	100	87	63	180	0.001	0.003	3.5							
														140	127					220	0.003	0.003	3.8			
110	160	5300		48		48	110	86	80	40	50	5	100	85	73	190	0.003	0.005	5.2							
								50	140		125		230	0.006		0.006				5.4						
								60	180		165		280								0.006	0.006	6.0			
125	240	5100		55		55	125	100	90	50	50	5	100	85	85	200	0.005	0.01	7.2							
								50	140		125		240	0.01		0.01				7.7						
								60	180		165		290								0.011	0.011	8.2			
								70	200		185		320											0.012	0.012	8.5
								80	250		235		380													
140	360	4900		60		60	140	100	100	5.5	65	5	100	82	91	220	0.007	0.018	10.0							
								65	140		122		260	0.019		0.019				10.5						
								65	180		162		300								0.02	0.02	11.0			
								65	200		182		320											0.021	0.021	11.3
								80	250		232		385													
160	560	4250		65		65	160	108	108	60	70	6	100	81.5	111	230	0.013	0.03	13							
								70	140		121.5		270	0.032		0.032				13.7						
								70	180		161.5		310								0.034	0.034	14.5			
								70	200		181.5		330											0.035	0.035	14.9
								80	250		231.5		390													
180	880	3800		75		75	180	125	125	70	80	6	140	121.5	131	290	0.023	0.054	18.5							
											180		161.5	330		0.058				0.058	19.4					
											200		181.5	350								0.060	0.060	21		
											250		231.5	400											0.065	0.065
200	1340	3400		85		85	200	140	140	80	90	6	140	118.5	144	310	0.04	0.095	25.6							
											180		158.5	350		0.1				0.1	26.5					
											200		178.5	370								0.105	0.105	27.2		
											250		228.5	420											0.11	0.11
225	2000	3000		90		90	225	150	150	90	100	6	140	118.5	169	330	0.07	0.158	34							
											180		158.5	370		0.16				0.16	35					
											200		178.5	390								0.17	0.17	36		
											250		228.5	440											0.18	0.18
250	2800	2750	46	100	46	100	250	165	165	100	110	8	180	152.5	185	390	0.12	0.27	48							
											200		172.5	410		0.28				0.28	50					
											250		222.5	460								0.3	0.3	52		
280	3900	2450	49	110	51	110	280	180	180	110	120	8	250	222.5	215	480	0.20	0.52	70							
315	5500	2150	49	100	51	120	315	165	200	125	140	8	250	222.5	250	515	0.32	0.87	98							
			90	120			200													0.35	0.35	100				
350	7700	2000	61	110	51	140	350	180	230	140	150	8	250	220.5	272	540	0.54	1.4	120							
			90	140			230													0.61	0.61	125				
400	10300	1700	66	120	51	150	400	200	250	160	180	8	250	185.5	310	590	1.0	2.9	195							
			100	150			250													1.1	1.1	200				
440	13500	1550	80	130	51	160	440	215	265	180	180	10	250	182	354	610	1.5	4.1	225							
			120	160			265													1.7	1.7	230				

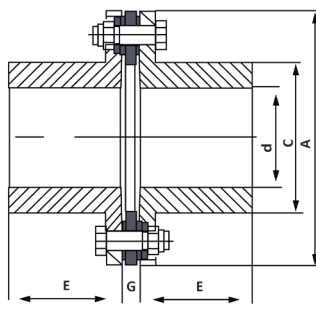
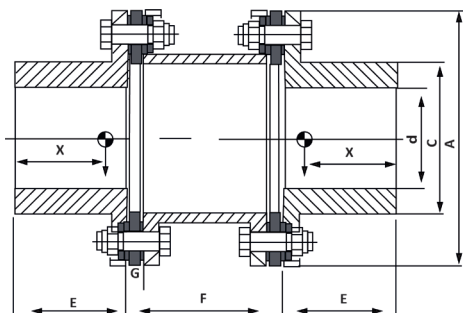
SJ Coupling



type	Continuous Torque Rating (KNm)	Peak Torque Rating (KNm)	Momentary Torque Limit (KNm)	Max Speed (r/min)	Lightening Torque (Nm)	Weight of Total Coupling (Kg)	Centre of Gravity X (mm)	Torsional Stiffness Kt (MNm/Rad)	Moment at Inertia (Kgm2)	Angular Misalignment		Axial Displacement	
										Max (deg)	Restoring Moment (Nm/deg)	Max m(μ)	Axial Force (N)
SJ4-4	0.04	0.14	0.3	9700	4	1.2	28.1	0.024	0.00074	1	15.4	2	185
SJ4-6	0.063	0.2	0.4	8400	4	1.8	36.6	0.027	0.0015	1	19.4	2.5	215
SJ4-14	0.14	0.4	0.7	7600	5	2.6	51.0	0.039	0.0027	1	22.9	2.8	315
SJ4-22	0.2	0.63	1.5	6300	7	4.7	57.0	0.037	0.0073	1	15	3.4	290
SJ4-44	0.4	1.0	1.75	5800	10	5.7	55.8	0.059	0.010	1	20.5	3.9	515
SJ4-112	1.0	2.0	3.1	5200	25	8.4	68.7	0.094	0.019	1	25.2	4.0	700
SJ4-142	1.4	3.55	5.3	4300	45	13.2	72.6	0.23	0.041	1	37.9	5.9	1630
SJ4-220	2.0	6.3	10.0	3800	80	16.9	77.6	0.30	0.069	1	44.8	6.4	2150

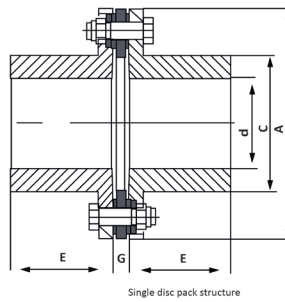
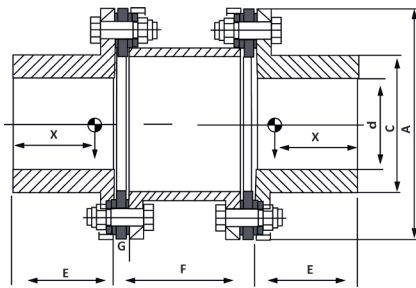
Type	Max.flange diameterer.A	Allowable bore diameter d/Hub outside diameter C				Std Hub Length	Distance Between Flange Ends	Min.DBSE
		Small hub		Big hub				
SJ4-4	78	d ≤ 28/C = 42				35	27	5
SJ4-6	90	d ≤ 38/C = 54				50	27	5
SJ4-14	100	d ≤ 42/ C = 60				70	36	5
SJ4-22	120	d ≤ 55/C = 77				80	42	5
SJ4-44	130	d ≤60/ C =85				80	44	5
SJ4-112	146	d ≤55	100	55 <d ≤70	97	100	45	6
SJ4-142	176	d ≤60	100	60 < d ≤75	108	100	55	7
SJ4-220	196	d ≤70	100	70 < d ≤90	125	100	64	8

TS Coupling



Type	Continuous Torque Rating (Nm)	Push Torque (Nm)	Maximum Torque (Nm)	Max Speed (RPM)			Weight of Total Coupling (kg)	Centre of Gravity (mm)	Torsional Stiffness (Nmm/deg)	Moment of Inertia (kgm²)	Sprocket Teeth Per in			Angular Misalignment		Axial Displacement		Max Torque at 1000 ft-lb	Thickness of a disk (mm)	Allowable bore diameter offset outside diameter C			Hub Length E		Distance Between Flange Ends F										mm	
				unlubricated	lubricated	Tighten-Up Torque (Nm)					Weight (kg)	Torsional Stiffness (Nmm/deg)	Moment of Inertia (kgm²)	Max (deg)	Reversing Moment (Nmm)	Max (mm)	Axial Force (N)			Small Hub	Big Hub	Standard series	Big Length series	TRBMT recommendation (C - recommended, X - no recommendation)												
																								25	30	100	140	180	200	250	300					
T50-4	0.04	0.1	0.13	3000	20000	3	0.5	21.0	0.007	0.0002	3.5	0.007	0.0007	20	155	1	60	55	4.5	d 122	34	-	-	25	5	O	X	X	X	X	X	X	X	X	35	
T50-11	0.1	0.2	0.3	3000	24000	8	0.9	26.4	0.011	0.0004	2.7	0.009	0.0008	20	160	1.2	140	65	6.2	d 125	39	-	-	35	50	O	X	X	X	X	X	X	X	X	40	
T50-21	0.2	0.5	0.7	3000	20000	8	1.4	30.9	0.024	0.001	3.2	0.013	0.001	20	175	1.4	200	78	7.7	d 130	44	-	-	35	60	X	O	X	X	X	X	X	X	X	50	
T50-42	0.4	1	1.3	3000	18000	8	2.7	45.1	0.044	0.003	3.8	0.026	0.003	20	180	1.6	340	95	7.2	d 138	58	-	-	50	80	X	O	X	X	X	X	X	X	X	50	
T50-65	0.63	2	2.7	3000	14000	15	4.4	48.2	0.144	0.006	5.3	0.051	0.005	20	200.8	2	510	114	10.7	d 140	65	4042 (125)	74	60	110	X	O	O	O	X	X	X	X	X	55	
T50-100	1.4	2.5	3.3	3000	11800	15	7.0	55.1	0.147	0.015	8.82	0.143	0.014	20	114.5	2.3	830	136	10.7	d 155	84	5542 (125)	92	80	110/140	X	X	O	O	O	O	X	X	X	55	
T50-210	2	5.4	7.2	3000	10300	25	10.3	65.7	0.213	0.029	9.95	0.203	0.020	20	157.9	2.6	1070	153	12	d 165	94	6542 (125)	106	90	140	X	X	O	O	O	O	O	X	X	60	
T50-270	3.55	8.6	11.5	3000	8800	45	16.5	75.1	0.483	0.062	11.49	0.314	0.031	20	227	2.9	1630	174	13.3	d 175	108	7542 (125)	121	100	140/170	X	X	X	O	O	O	O	O	X	75	
T50-470	4.5	9.8	13	3000	7900	45	22.0	86.0	0.486	0.12	15.04	0.571	0.058	20	203.3	3.5	1880	196	13.3	d 185	127	8542 (125)	140	120	170/210	X	X	X	O	O	O	O	O	X	75	
T50-523	5	11.6	15.4	3000	6900	45	24.5	94.1	0.655	0.22	21.60	1.175	0.115	20	147.9	3.5	1400	226	13	d 190.5	152	10542 (125)	168	140	170/210	X	X	X	O	O	O	O	O	X	75	
T50-840	8	19.5	26	3000	6700	100	34.4	102.4	0.870	0.23	19.73	1.066	0.105	20	166.1	3.6	2510	230	15.2	d 190.5	152	10542 (125)	161	140	170/210	X	X	X	O	O	O	O	O	O	80	
T50-1300	12.5	27.1	36.1	3000	6200	150	48.0	113.5	1.476	0.37	23.38	1.489	0.146	20	526.4	3.6	3220	230	17.4	d 191.5	164	11542 (125)	179	160	210/250	X	X	X	X	O	O	O	O	O	90	
T50-2100	20	36.1	48.1	1800	5580	180	59.2	123.0	1.496	0.57	30.21	2.361	0.232	20	435.6	3.8	4550	276	20.4	d 192.5	182	12542 (125)	195	170	210/250	X	X	X	X	X	O	O	O	100		
T50-2700	25	44.8	51.6	1800	5180	180	76.2	137.8	1.523	0.82	32.97	3.069	0.301	20	382.9	3.8	4880	286	20.4	d 193.5	188	13542 (125)	211	200	250	X	X	X	X	X	O	O	O	100		
T50-3300	31.5	61.7	82	1800	4680	300	107.3	143.5	2.588	1.45	44.12	4.869	0.480	20	533.3	4.8	6100	326	22.8	d 194	219	15542 (125)	235	200	250/300	X	X	X	X	X	X	O	O	125		
T50-4200	40	85.7	114	1800	4180	300	147.2	167.3	4.114	2.48	57.21	7.860	0.771	20	707.6	6	8070	368	27.6	d 194.5	242	16542 (125)	258	230	300	X	X	X	X	X	X	O	O	140		
T50-840	8	14.7	19.5	3000	7800	45	26.1	97.7	1.577	0.14	19.09	0.811	0.080	12	651.3	2	2240	202	13.3	d 196	135	8542 (125)	148	140	170/210	180										75
T50-1700	16	35.9	47.8	3000	6600	150	39.5	104.4	2.494	0.27	25.03	1.344	0.132	12	1533	2.2	4020	235	17.5	d 196.5	152	10542 (125)	165	140	170/210	180										80
T50-2700	25	47.4	63	1800	6100	180	50.0	119.3	2.808	0.40	28.95	1.810	0.176	12	1465	2.4	5830	252	20.4	d 197.5	165	11042 (125)	177	160	210/250	200										100
T50-3300	31.5	55.4	75.7	1800	5230	180	75.8	124.7	3.746	0.80	32.97	3.069	0.301	12	1130	3	6300	252	20.4	d 197.5	198	12042 (125)	212	180	250	200										100
T50-4200	40	92.5	123	1800	4500	300	116.9	141.7	5.192	1.76	42.27	6.123	0.602	12	1989	3.8	7240	340	22.8	d 198	234	16042 (125)	240	200	250/300	250										125
T50-6800	63	124	165	1800	4250	500	146.8	152.7	8.73	2.52	58.69	8.465	0.833	12	3338	4.2	11350	364	27.6	d 199	248	17042 (125)	264	210	250/300	250										140
T50-8400	80	171	228	1800	3830	700	194.2	184.0	13.85	3.81	75.37	11.309	1.129	12	8431	4.8	15380	395	33	d 199.5	257	17542 (125)	277	250	300/350	300										150
T50-9817	100	191	254	1800	3580	700	228.3	179.6	15.18	5.42	79.83	16.14	1.584	12	6401	5.2	16800	428	33	d 200	280	20042 (125)	315	250	300/350	300										150
T50-9815	140	200	400	1200	3300	1200	310.2	183.9	19.84	9.54	104.37	26.183	2.57	12	6357	5.5	19320	478	34	d 200.5	327	22042 (125)	346	250	350/410	350										180
T50-9827	200	237	498	-	3000	1200	423.6	212.8	23.12	15.85	132.80	43.682	4.29	12	7386	6	25110	532	34	d 201	374	23842 (125)	36	300	350/410	400										180
T50-9825	280	293	609	-	3000	1900	638.0	246.5	32.07	29.34	168.95	79.033	6.87	12	8478	7	27210	592	36.6	d 201.5	405	23842 (125)	430	300	410/470	400										200
T50-9830	50	119	130	1800	4000	300	119.6	143.6	6.68	1.80	67.27	6.13	0.90	14	5847	2.8	8700	340	24.4	d 202	234	16842 (125)	240	200	250/300	200										120
T50-9840	50	130	212	1800	4200	300	148.4	154.3	13.36	2.50	68.68	8.465	0.93	14	13740	3	10000	364	26.8	d 202.5	248	17042 (125)	264	210	300/350	200										140
T50-9814	100	200	293	1200	3880	700	201.4	186.3	16.15	3.80	75.37	11.309	1.12	14	36120	3	17810	395	33	d 202.5	257	17542 (125)	277	250	300/350	300										150
T50-9812	125	246	327	1200	3580	700	233.0	191.5	23.97	5.50	79.83	16.144	1.58	14	36750	3.7	18070	428	33	d 203	280	20042 (125)	315	250	300/350	300										150
T50-9810	180	287	515	1200	3200	1200	324.9	188.9	34.12	9.85	104.37	26.18	2.57	14	20900	4.2	20200	478	37	d 203.5	327	22042 (125)	346	250	350/410	350										180
T50-9822	224	433	576	-	3000	1200	434.0	216.0	42.31	16.31	122.80	43.68	4.29	14	33400	5	26300	532	7	d 203.5	374	23542 (125)	393	300	350/410	400										180
T50-9820	315	647	891	-	3000	1800	654.0	232.5	59.63	35.58	168.9	79.03	6.87	14	37650	5.8	27000	592	41.6	d 209	420	23042 (125)	430	300	410/470	450										205

S4 Coupling



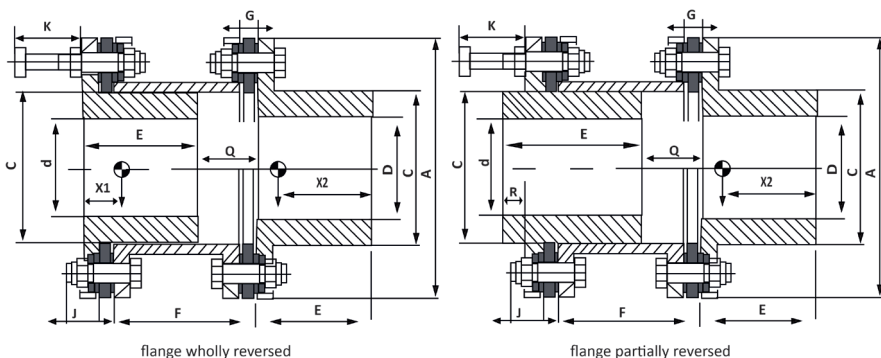
Single disc pack structure



type	Continuous Torque Rating (KNm)	Peak Torque Rating (KNm)	Momentary Torque limit (KNm)	Max Speed (r/min)		Tightening Torque (Nm)	Weight of Total Coupling (Kg)	Centre of Gravity X	Torsional Stiffness KT (MNm/ Rad)	Moment of Inertia (Kgm)	Spacer Tube Per m			Angular Misalignment		Axial Displacement	
				unbalanced	Balanced						Weight (Kg)	Torsional Stiffness ΔKT (MNm/ Rad)	Moment of Inertia (Kgm)	Max (deg)	Restoring Moment (Nm/deg)	Max (mm)	Axial Force (N)
S4-4	0.04	0.14	0.3	3600	9700	4	1.7	31.7	0.024	0.0012	4.32	0.014	0.001	1	15.4	2	185
S4-6	0.063	0.2	0.4	3600	8400	4	2.4	41.6	0.027	0.0022	4.93	0.020	0.002	1	19.4	2.5	215
S4-14	0.14	0.4	0.7	3600	7600	5	3.4	54.9	0.039	0.0038	6.17	0.040	0.004	1	22.9	2.8	315
S4-22	0.2	0.63	1.5	3600	6300	7	5.8	61.8	0.037	0.0098	9.47	0.099	0.0098	1	15	3.4	290
S4-44	0.4	1.0	1.75	3600	5800	10	6.9	60.8	0.059	0.014	10.95	0.154	0.015	1	20.5	3.9	515
S4-112	1.0	2.0	3.1	3600	5200	25	9.9	73.8	0.094	0.025	12.43	0.224	0.022	1	25.2	4.0	700
S4-142	1.4	3.55	5.3	3600	4300	45	15.5	78.0	0.23	0.056	14.80	0.378	0.037	1	37.9	5.9	1630
S4-220	2.0	6.3	10.0	3600	3800	80	20.0	79.5	0.29	0.091	21.70	0.673	0.066	1	44.8	6.4	2150

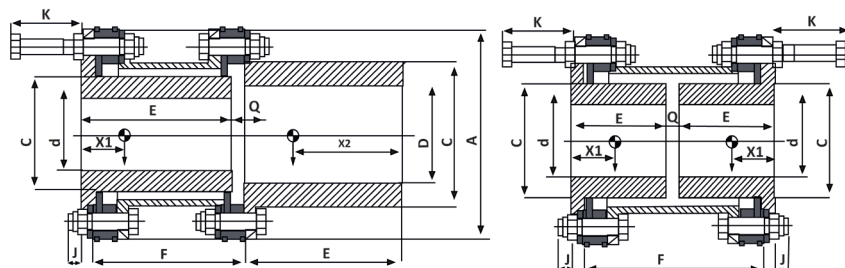
type	Max flange diameter A	Disc pack thickness G	Allowable bore diameter d Standard hub outside diameter C				Hub length E		Distance Between Flange Ends F						
			Small hub		Big hub		Standard series	Big length series	TRUMY recommendation (O - recommended, X - no application)						Min
									80	100	140	180	200	250	
S4-4	78	7.2	d ≤28/C=42				35	60	O	O	X	X	X	X	50
S4-6	90	7.2	d ≤38/C=54				50	80	O	O	O	X	X	X	50
S4-14	100	8.4	d ≤42/C=60				70	110	X	O	O	O	X	X	50
S4-22	120	9.5	d ≤55/C=77				80	110	X	O	O	O	X	X	60
S4-44	130	10.7	d ≤60/C=85				80	140	X	O	O	O	X	X	60
S4-112	146	11.1	d ≤55	80	55<d ≤70	97	100	140	X	X	O	O	O	X	65
S4-142	176	13.6	d ≤60	90	60<d ≤75	108	100	140	X	X	X	O	O	O	80
S4-220	196	15.2	d ≤70	105	70<d ≤90	125	100	170	X	X	X	O	O	O	90

TSJ Coupling



Type	Continuous Torque Rating (Kw)	Peak Torque Rating (Kw)	Maximum Torque Rating (Kw)	Bolt Circle (mm)		Tightening Torque (Nm)	Weight of Total Coupling (Kg)	Centre of Gravity (mm)	Torque Capacity (Kw)	Moment of Inertia (Kgmm²)	Shaft Tube Per m			Axial Misalignment		Axial Displacement		Max. Range diameter A	Thickness of shaft tube B	Approximate diameter of standard hub outside diameter C		Hub diameter D		Hub length E		Distance Between Flange Ends F		Height at bolt projecting J	Bolt diameter from base K	Min. Bolt Projection Q			
				unflanged	flanged						Weight (Kg)	Torque Capacity (Kw)	Moment of Inertia (Kgmm²)	Max. Mis. (mm)	Rotation (Degrees)	Max. mis. (mm)	Axial Force (N)			d	s	Small hub	Big hub	Standard series	Big length series	TSJ/ST standard	Min.						
TSJ-40	0.63	2	2.7	3800	14000	15	4.0	15.9	48.2	0.13	0.0080	5.3	0.051	0.006	23	200.8	2	510	114	10.7	40	55	D-40	45	40-H-120	74	60	110	80	55	9.3	41	12
TSJ-100	1.4	3.5	9.3	3800	11800	15	6.3	22.8	58.1	0.14	0.013	8.82	0.143	0.014	23	114.5	2.3	830	136	10.7	50	71	D-102	94	50-H-165	92	80	110/140	100	55	9.3	41	12
TSJ-210	2	5.4	7.2	3800	10300	25	9.1	24.8	65.7	0.20	0.025	9.93	0.203	0.020	23	157.9	2.6	1070	153	12	60	81	D-182	94	60-H-175	108	90	140	100	60	10	48	15
TSJ-310	3.55	8.6	11.5	3800	8800	45	14.9	27.9	75.1	0.44	0.055	11.49	0.314	0.031	23	227	2.9	1630	179	13.3	70	95	D-172	108	70-H-180	121	100	140/170	140	75	17.2	61.5	15
TSJ-410	4.5	9.8	13	3800	7800	45	21.2	36.0	86.9	0.45	0.10	15.04	0.371	0.066	23	203.3	3.5	1880	189	13.3	80	113	D-185	127	80-H-180	140	120	170/210	140	75	17.2	61.5	15
TSJ-520	5	11.6	15.4	3800	6800	45	31.3	45.2	94.1	0.63	0.19	21.69	1.175	0.115	23	147.9	3.5	1430	236	13	95	130	D-1100	152	100-H-1100	168	140	170/210/210	140	75	17.5	61.5	15
TSJ-640	8	19.5	26	3800	6700	100	33.5	43.2	102.4	0.84	0.21	19.7	1.066	0.106	23	196.1	3.6	2010	230	15.2	95	130	D-1100	152	100-H-1100	161	140	170/210	140	85	16.8	71	20
TSJ-1000	12.5	27.1	36.1	3800	6200	150	44.4	48.5	113.5	1.40	0.33	23.38	1.489	0.146	23	526.4	3.6	3220	230	17.4	100	140	D-1100	164	110-H-1100	179	160	210/250	180	90	20.6	78	20
TSJ-2100	20	36.1	48.1	1800	5580	160	56.2	52.8	123.0	1.44	0.51	30.21	2.361	0.232	23	456.6	3.6	4050	176	20.4	110	160	D-1100	182	120-H-1100	195	170	210/250	200	100	21.6	85	25
TSJ-2700	25	38.8	51.6	1800	5160	180	72.0	65.8	137.8	1.38	0.73	32.97	3.069	0.301	23	382.9	3.6	4800	296	20.4	120	170	D-1100	198	130-H-1100	211	200	250	200	100	21.6	85	25
TSJ-3000	31.5	61.7	82	1800	4800	200	100.3	82.2	143.5	2.51	1.30	44.12	4.989	0.490	23	553.3	4.6	6150	326	22.8	140	190	D-1100	219	140-H-1100	235	200	250/300	250	120	21.2	101	25
TSJ-4000	40	85.7	114	1800	4180	300	139.3	79.2	167.3	3.96	2.24	57.21	7.800	0.771	23	707.6	6	8070	386	27.6	150	210	D-1100	242	160-H-1100	258	230	300	250	140	25.4	116	30
TSJ-6400	8	14.7	19.5	3800	7800	45	24.4	44.3	97.7	0.99	0.12	19.09	0.911	0.080	12	651.3	2	2240	202	13.3	85	120	D-100	135	80-H-1100	148	140	170/210	140	75	17.2	61.5	15
TSJ-1100	16	35.9	47.8	3800	6000	150	37.2	41.9	104.4	2.23	0.25	25.03	1.344	0.132	12	1533	2.2	4020	235	17.5	95	130	D-1100	152	100-H-1100	165	140	170/210	180	90	20.5	78	20
TSJ-1300	25	47.4	63	1800	6100	180	46.9	47.1	119.3	2.63	0.36	28.95	1.810	0.176	12	1485	2.4	3830	232	20.4	100	140	D-1100	165	110-H-1100	177	160	210/250	200	100	21.6	85	25
TSJ-1500	31.5	55.4	73.7	1800	5230	180	71.9	59.0	134.7	3.45	0.71	32.97	3.069	0.301	12	1130	3	4280	232	20.4	120	180	D-1100	186	130-H-1100	212	180	250	200	100	21.6	85	25
TSJ-1600	40	82.5	123	1800	4350	200	110.9	68.3	141.7	4.98	1.60	42.27	6.135	0.602	12	1999	3.6	7240	340	22.8	150	210	D-1100	204	140-H-1100	249	200	250/300	250	120	21.2	101	25
TSJ-1800	63	124	165	1800	4250	300	138.0	68.5	152.7	8.26	2.29	58.09	8.465	0.833	12	3336	4.2	11350	364	27.6	160	234	D-1100	248	170-H-1100	264	210	250/300	250	140	25.4	116	30
TSJ-1800	80	171	228	1800	3880	700	178.9	74.5	184.0	12.34	3.42	75.37	11.509	1.129	12	8431	4.8	15380	390	33	160	227	D-1100	257	170-H-1100	277	250	300/350	300	155	27	127	35
TSJ-1911	100	191	254	1800	3580	700	215.7	80.1	176.6	14.23	4.90	79.83	16.14	1.584	12	6461	5.2	10380	426	33	190	205	D-1100	263	190-H-1100	283	250	300/350	300	155	27	127	35
TSJ-1915	140	260	400	1200	3200	1200	300.9	78.9	180.9	18.89	8.78	104.37	20.183	2.57	12	6357	5.5	10330	478	34	210	205	D-1100	267	200-H-1100	286	250	300/410	300	160	31	131	35
TSJ-1921	200	327	448	-	3000	1200	407.6	96.7	212.8	22.17	14.53	102.80	42.682	4.29	12	7386	6	22110	520	34	240	239	D-1100	274	200-H-1100	291	300	300/410	400	180	31	131	35
TSJ-1928	200	503	689	-	3000	1600	686.7	114.2	260.6	31.32	27.02	168.85	70.035	6.87	12	8478	7	27310	580	36.6	270	280	D-1100	400	200-H-1100	426	350	410/470	400	200	37.4	175	40
TSJ-1938	30	119	159	1800	4350	300	113.3	64.8	143.6	8.34	1.64	47.27	6.13	0.80	14	9547	2.8	4730	340	24.4	120	212	D-1100	204	160-H-1100	249	200	200/300	200	120	23.6	101	30
TSJ-1940	80	159	212	1800	4250	300	148.5	62.2	154.3	12.43	2.34	58.09	8.465	0.83	14	13160	3	10330	364	28.8	160	234	D-1100	248	170-H-1100	264	210	200/300	200	140	26.2	116	30
TSJ-1911	180	220	293	1200	3880	700	185.2	73.9	186.3	15.74	3.48	75.37	11.509	1.13	14	36120	3.3	17810	390	33	160	227	D-1100	267	170-H-1100	277	250	300/350	300	155	27	127	35
TSJ-1915	125	246	327	1200	3380	700	226.4	79.9	191.6	37.32	5.54	78.83	16.146	1.86	14	26720	3.7	18870	438	33	190	200	D-1100	263	190-H-1100	283	250	300/350	300	155	27	127	35
TSJ-1919	180	387	515	1200	3200	1200	308.8	78.4	188.9	31.28	9.08	104.3	20.18	2.57	14	20000	4.2	10300	478	37	210	200	D-1100	267	200-H-1100	286	250	300/410	300	180	34	131	40
TSJ-1920	224	433	576	-	3000	1200	417.2	98.0	218.0	39.97	14.96	102.80	43.68	4.29	14	33400	5	20300	530	37	240	239	D-1100	274	200-H-1100	293	300	300/410	400	180	34	131	40
TSJ-1920	315	647	861	-	3000	1900	622.8	112.9	232.5	35.42	28.02	168.9	70.03	6.87	14	37000	5.8	27000	580	41.6	270	300	D-1100	400	200-H-1100	429	350	410/470	400	200	40.4	175	40

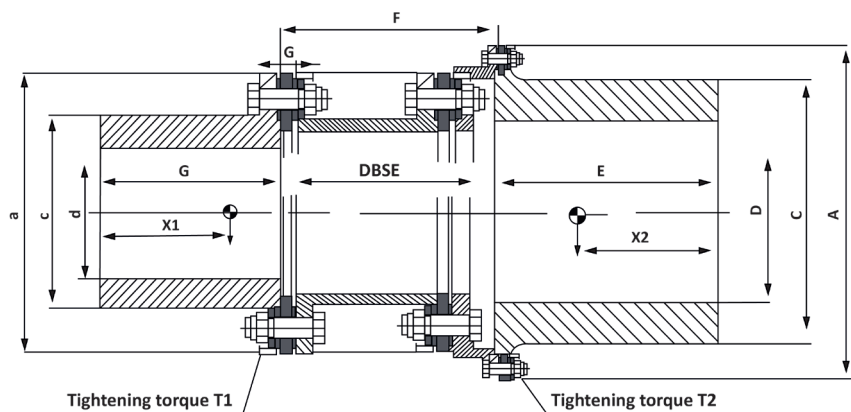
L Coupling



Type	Continuous Torque Rating (KNm)	Peak Torque Rating (KNm)	Momentary Torque limit (KNm)	Max Speed (r/min)	Tightening Torque (Nm)	Weight of Total Coupling (Kg)	Centre of Gravity X (mm)		Torsional Stiffness KT (MNm/ Rad)	Moment of Inertia (Kgm)	Spacer Tube Per m			Angular Misalignment		Axial Displacement	
											Weight (Kg)	Torsional Stiffness Δ KT (MNm/ Rad)	Moment of Inertia (Kgm)	Max (deg)	Restoring Moment (Nm/deg)	Max (mm)	Axial Force (N)
L6-580	5.6	8.1	9.3	3600	150	14.9	27.3	68.6	1.430	0.055	10.4	0.291	0.028	1/2	4805	1.1	1600
L6-740	7.1	9.9	11.5	3600	180	20.5	33.3	76.4	2.093	0.095	12.0	0.457	0.044	1/2	3924	1.2	1700
L6-840	8	11.7	13.5	3600	180	31.2	43.0	85.3	3.141	0.19	14.6	0.815	0.080	1/2	2962	2	2130
L6-1700	16	23.6	27.2	3600	350	42.4	45.7	100.3	5.152	0.32	23.7	1.546	0.152	1/2	6197	2.3	4030
L6-2100	20	29	33.3	1800	500	54.8	50.8	112.3	5.871	0.49	25.9	2.023	0.198	1/2	6282	2.3	4230
L6-2900	28	41.7	47.9	1800	500	66.2	55.8	116.2	6.939	0.69	28.3	2.629	0.258	1/2	6894	2.8	5970
L6-3700	35.5	52.7	60.5	1800	300	99.3	57.5	131.6	10.399	1.32	46.8	5.322	0.522	1/2	7400	2.9	6510
L6-4200	40	58.9	67.6	1800	300	131.9	64.7	147.1	15.101	2.16	51.9	7.256	0.712	1/2	6529	4.3	8410
L8-1200	11.2	15.1	17.3	3600	150	34.7	38.9	93.4	4.874	0.23	25.0	1.344	0.132	1/3	12088	1.1	2040
L8-1500	14	18.6	21.3	1800	180	44.2	45.0	104.5	5.600	0.34	19.5	1.240	0.122	1/3	9839	1.2	2180
L8-1700	16	21.8	25.1	1800	180	66.6	53.9	111.6	9.782	0.68	33.0	3.069	0.301	1/3	7369	2	2780
L8-3300	31.5	44	50.5	1800	350	113.7	63.5	135.6	15.06	1.66	44.8	5.887	0.578	1/3	15495	2.3	5170
L8-4200	40	53.9	62	1800	500	135.8	67.2	143.8	19.87	2.24	47.5	7.044	0.691	1/3	15733	2.3	5510
L8-5800	56	77.6	89.1	1800	500	170.5	67.2	157.8	24.58	3.21	55.3	8.742	0.858	1/3	17200	2.8	7660
L8-7400	71	98	112	1800	700	212.8	81.0	170.5	35.30	4.82	70.0	14.410	1.414	1/3	18494	2.9	8480
L8-8400	80	109.4	125	1200	700	297.2	85.7	186.3	46.14	8.41	92.9	23.377	2.294	1/3	16237	4.3	11000

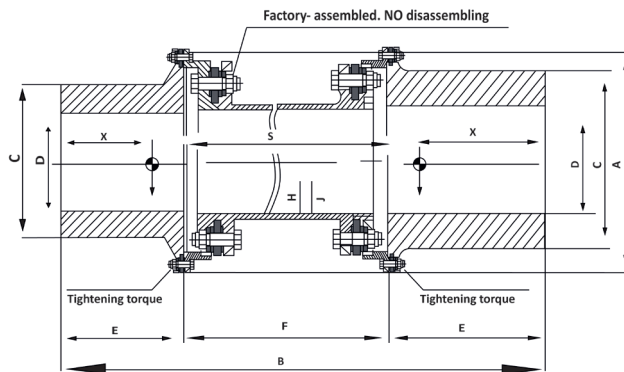
Type	Max flange diameter A	Allowable bore diameter d Standard hub outside diameter C		Allowable shaft diameter D Hub outside diameter C				Hub Length E		Distance Between Flange Ends F		Height of bolt projecting J	Bolt installation space K	Min DBSE Recommended Q
		d	C std	Small Hub		Big Hub		Standard Series	Big length series	TRUMY standard	Min			
L6-580	174	70	95	D ≤ 75	108	75 < D ≤ 85	121	100	140/170	140	75	17.2	61.5	15
L6-740	196	80	113	D ≤ 85	127	85 < D ≤ 100	140	120	170/210	140	75	17.2	61.5	15
L6-840	226	95	135	D ≤ 105	152	105 < D ≤ 120	168	140	170/210/210	140	75	17.5	61.5	15
L6-1700	250	105	146	D ≤ 110	164	110 < D ≤ 130	179	160	210/250	180	90	20.6	78	20
L6-2100	276	115	162	D ≤ 125	182	125 < D ≤ 145	195	170	210/250	200	100	21.6	85	25
L6-2900	296	125	178	D ≤ 135	198	135 < D ≤ 155	211	200	250	200	100	21.6	85	25
L6-3700	326	140	196	D ≤ 150	219	150 < D ≤ 170	235	200	250/300	250	125	21.2	101	25
L6-4200	366	155	216	D ≤ 165	242	165 < D ≤ 190	258	230	300	250	140	25.4	116	30
L8-1200	235	96	135	D ≤ 105	152	105 < D ≤ 120	165	140	170/210	180	90	20.5	78	20
L8-1500	252	105	145	D ≤ 110	165	110 < D ≤ 130	177	160	210/250	200	100	21.6	85	25
L8-1700	292	125	180	D ≤ 135	198	135 < D ≤ 150	212	180	250	200	100	21.6	85	25
L8-3300	340	150	213	D ≤ 160	234	160 < D ≤ 180	249	200	250/300	250	125	21.2	101	25
L8-4200	364	160	224	D ≤ 170	248	170 < D ≤ 190	264	210	250/300	250	140	25.4	116	30
L8-5800	395	165	227	D ≤ 175	257	175 < D ≤ 200	277	250	300/350	300	155	27	127	35
L8-7400	428	190	265	D ≤ 200	293	200 < D ≤ 230	313	250	300/350	300	155	27	127	35
L8-8400	478	210	295	D ≤ 220	327	220 < D ≤ 250	346	250	350/410	350	180	31	151	35

TSP Coupling



Type	Cathodic Protection Rating (mV)	Peak Torque Rating (Nm)	Momentary Torque Rating (Nm)	Max Speed (mm)		Tightening Torque (Nm)		Weight of Total Coupling (kg)		Moment of Inertia (kgm²)		Torsional Stiffness (Nm/deg)	Moment of Inertia (kgm²)	Spacer Tube Per Pin			Angular Misalignment		Axial Displacement		Max Flange Diameter		Allowable Input Shaft Diameter (mm)		Allowable Output Shaft Diameter (mm)		Shaft Hub Length A		Shaft Hub Length C		Distance Between Flange Bore F				Min	
				unflanged	flanged	T1	T2	W1	W2	I1	I2			Max Pin	Reinforcing Moment (Nm/deg)	Max Pin	Reinforcing Moment (Nm/deg)	Max Pin	Axial Pin Power (kW)	A	A	d	d	D	C	Standard series	Bore length series	Standard series	Bore length series	Flange standard						
																														T1	T2	W1	W2	I1		I2
TSP-40	0.03	2	2.7	3000	14000	15	8	8.0	48.2	64.9	0.15	0.017	5.3	0.001	0.005	23	200.8	2	510	114	146	50	74	70	105	80	110	80	110140	190	140170	124	164	204	224	70
TSP-45	1.4	3.5	3.3	3000	11000	15	8	8.5	50.1	72.5	0.15	0.021	8.20	0.140	0.014	23	114.5	2.3	800	136	168	65	92	85	127	80	110140	190	140170	124	164	204	224	70		
TSP-50	3	5.4	7.2	3000	10000	25	8	16.6	62.7	84.9	0.22	0.072	9.30	0.200	0.020	23	157.8	2.6	1070	153	188	75	106	100	150	90	140	120	170210	130	170	210	230	90		
TSP-55	3.5	5.6	11.5	3000	8800	45	8	20.8	70.1	98.6	0.48	0.15	11.40	0.214	0.031	23	227	2.8	1620	174	212	80	121	115	175	100	140170	140	170210	175	215	235	285	110		
TSP-60	4.5	9.8	13	3000	7800	45	8	40.5	86.5	110.4	0.48	0.20	10.50	0.271	0.035	23	202.3	3.5	1880	196	236	100	140	130	195	130	170210	160	210250	175	216	236	285	111		
TSP-65	5	11.6	15.4	3000	6800	45	15	63.5	94.1	120.4	0.60	0.30	21.80	1.175	0.115	23	147.9	3.5	1400	226	272	120	166	155	230	140	170210	200	230	176	216	236	285	111		
TSP-80	9	16.5	20	3000	4700	100	15	84.9	102.4	133.8	0.80	0.30	10.70	1.000	0.105	23	190.1	3.6	2010	230	272	120	161	155	230	140	170210	200	230	216	236	286	336	123		
TSP-100	12.5	27.1	36.1	3000	6200	150	15	81.6	113.5	137.6	1.52	0.80	22.38	1.480	0.146	23	526.4	3.6	3220	250	300	130	170	170	250	160	210250	200	250300	223	243	263	343	133		
TSP-120	20	36.1	46.1	1800	5500	180	15	96.5	123.0	137.5	1.53	1.20	30.21	2.301	0.232	23	455.6	3.8	4550	276	316	145	195	185	274	170	210250	200	250300	-	246	266	346	146		
TSP-150	25	38.8	51.6	1800	5100	180	45	134.2	127.8	165.5	1.56	1.94	32.97	3.060	0.301	23	382.9	3.8	4800	296	348	155	211	195	290	200	230	250	300350	-	246	266	346	151		
TSP-200	31.5	61.7	82	1000	4600	200	45	179.4	142.5	176.4	2.66	3.23	44.12	4.980	0.490	23	533.3	4.8	6100	326	365	170	225	220	328	200	220300	250	300350	-	-	300	350	175		
TSP-250	40	85.7	114	1800	4100	200	45	232.2	167.3	175.3	4.26	5.19	57.21	7.680	0.771	23	707.6	6	8070	366	425	190	258	250	360	230	300	250	350410	-	-	310	360	200		
TSP-300	8	14.7	19.5	3000	7800	45	8	42.1	97.7	110.6	1.11	0.28	19.09	0.811	0.080	12	651.3	2	2340	202	236	110	148	130	195	140	170210	160	210250	-	-	216	-	111		
TSP-350	16	35.9	47.8	3000	6800	150	15	78.9	104.4	141.0	2.63	0.72	25.03	1.344	0.132	12	1533	2.2	4020	235	282	120	165	155	235	140	170210	200	230	-	-	222	-	132		
TSP-400	25	47.4	63	1800	6100	180	15	88.2	119.3	138.8	3.08	0.98	28.92	1.810	0.178	12	1495	2.4	5920	252	305	130	177	175	260	160	210250	200	250300	-	-	246	-	146		
TSP-450	31.5	55.4	73.7	1800	5200	180	45	134.2	124.7	165.9	3.92	1.94	32.97	3.060	0.301	12	1130	3	6380	292	348	150	212	195	290	180	230	250	300350	-	-	246	-	146		
TSP-500	40	82.5	123	1800	4300	200	45	196.7	161.7	188.2	5.37	3.91	42.27	6.133	0.602	12	1909	3.8	7340	340	404	180	240	230	345	200	250300	250	300350	-	-	300	-	175		
TSP-550	63	124	165	1800	4200	200	45	232.3	152.7	175.4	9.17	5.18	58.09	8.495	0.833	12	3328	4.2	11200	364	425	190	264	245	365	210	220300	250	350410	-	-	367	-	187		
TSP-600	80	171	228	1800	3800	200	45	311.5	184.5	208.0	15.11	8.05	75.37	11.209	1.120	12	8421	4.8	12380	395	455	200	277	270	395	220	300350	300	350410	-	-	360	-	215		
TSP-650	100	191	254	1800	3300	200	45	375.2	179.5	202.4	18.36	11.76	79.63	10.14	1.284	12	6401	5.2	10090	426	482	220	313	290	435	230	300350	300	350410	-	-	360	-	215		
TSP-700	140	260	400	1200	2200	200	100	526.0	182.9	247.8	28.67	20.52	104.37	26.185	2.57	12	6307	5.5	18330	478	548	250	340	315	475	250	320410	350	410470	-	-	425	-	225		
TSP-800	200	327	498	-	2000	2200	100	715.5	212.8	289.9	23.62	20.78	122.80	43.882	4.29	12	7386	6	20110	522	602	260	360	330	525	300	320410	410	470	-	-	475	-	235		
TSP-900	250	393	600	-	2000	1900	100	890.3	245.2	278.2	33.82	32.94	169.92	70.023	6.87	12	8476	7	27310	592	682	270	420	390	595	300	410470	410	470	-	-	525	-	240		
TSP-1000	30	170	120	1800	6200	200	45	197.1	142.8	168.7	10.27	3.94	67.27	6.13	0.60	14	5947	2.6	8750	340	404	180	240	230	345	200	200350	250	300350	-	-	300	-	175		
TSP-1100	80	159	212	1800	6200	200	45	232.6	154.3	178.2	14.64	5.22	68.09	8.495	0.83	14	13760	3	10830	364	425	190	264	245	365	210	200350	300	350410	-	-	367	-	187		
TSP-1200	100	200	293	1200	3800	200	45	312.6	168.3	206.5	20.83	6.15	75.37	11.888	1.13	14	30120	3.3	17810	395	455	200	277	270	395	280	300350	300	350410	-	-	360	-	215		
TSP-1300	125	246	327	1200	3300	200	45	380.0	181.5	234.0	26.34	11.90	78.63	16.144	1.58	14	22750	3.7	18870	426	482	220	313	290	435	280	300350	300	350410	-	-	360	-	215		
TSP-1400	180	387	515	1200	3200	200	100	527.5	188.9	242.6	36.47	20.65	104.37	36.18	2.87	14	29090	4.2	22280	478	548	250	340	315	475	250	320410	350	410470	-	-	425	-	235		
TSP-1500	224	433	576	-	3000	1200	100	722.7	216.0	270.8	45.84	34.11	132.80	43.88	4.29	14	33400	5	28300	522	602	260	360	330	525	300	320410	410	470	-	-	475	-	235		
TSP-1600	315	647	861	-	3000	1900	100	960.7	222.5	282.0	63.92	56.71	169.95	70.03	6.87	14	37830	5.8	37830	592	682	270	420	390	595	300	410470	410	470	-	-	525	-	240		

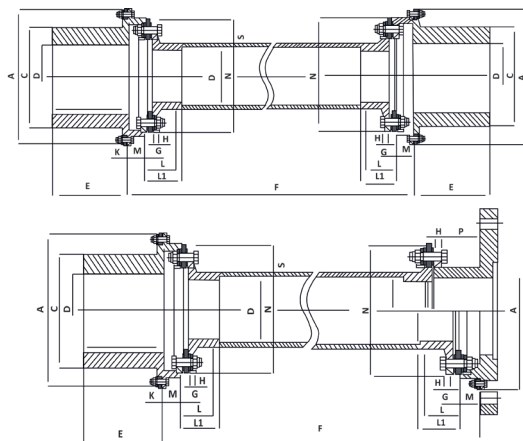
TSA Coupling



Type	Continuous Torque Rating (KNm)	Peak Torque (KNm)	Max Momentary Torque (KNm)	Max Speed (r/min)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)		H (mm)	J (mm)
										std	min		
TSA6-66	0.63	1.7	2.3	21800	127	230	89	60	65	460	100	47	55
TSA6-150	1.4	3.2	4.2	19500	146	272	105	70	75	460	122	47	65
TSA6-180	1.8	3.8	5.1	16600	168	290	127	85	90	460	110	69	82
TSA6-330	3.15	8.7	11.6	14300	188	340	150	100	105	460	130	83	94
TSA6-580	5.6	14.8	19.7	12600	212	400	175	115	120	460	160	91	105
TSA6-840	8	16.8	22.4	11000	236	430	195	130	135	460	160	110	125
TSA6-1300	12.5	27.1	36	9500	272	525	225	150	165	460	195	116	133
TSA6-1800	18	39.7	52.8	8800	300	545	250	170	180	460	185	133	153
TSA6-2600	25	51.3	68.3	8000	316	590	270	185	195	460	200	143	162
TSA8-2900	28	67.1	89.3	8800	305	675	260	175	185	460	305	142	164
TSA8-4200	40	78.2	104.1	7500	348	715	290	195	205	460	305	158	181
TSA8-5900	56	116	155	6500	404	730	345	230	240	460	250	202	224
TSA8-8400	80	162	215	6100	425	780	365	245	255	500	270	216	242
TSA8-9013	125	242	322	5600	455	885	395	270	290	500	305	224	256
TSA8-9015	140	269	358	5100	492	925	435	290	310	500	305	264	292
TSA8-9021	200	404	537	4600	548	1000	475	315	335	500	330	294	327

Type	Tightening Torque (Nm)	Weight of Total Coupling (Kg)	Centre of Gravity X (mm)	Torsional Stiffness KT (MNm/ Rad)	Moment of Inertia (Kgm)	Spacer Tube Per m			Angular Misalignment		Axial Displacement	
						Weight (Kg)	Torsional Stiffness ΔKT (MNm/ Rad)	Moment of Inertia (Kgm)	Max (deg)	Restoring Moment (Nm/deg)	Max (mm)	Axial Force(N)
TSA6-66	15	9.2	64.2	0.040	0.015	5.03	0.0335	0.0033	2/3	106.3	1.1	370
TSA6-150	15	15.2	73.2	0.106	0.030	12.43	0.102	0.010		200.8	1.5	840
TSA6-180	15	20.5	78.1	0.119	0.060	12.10	0.177	0.017		114.5	1.8	840
TSA6-330	25	28.2	84.3	0.209	0.112	12.00	0.240	0.024		221.1	2	1290
TSA6-580	45	44.3	97.1	0.453	0.231	16.92	0.416	0.041		286.2	2.2	1950
TSA6-840	45	58.2	107.0	0.500	0.39	21.73	0.768	0.075		256.4	2.5	2360
TSA6-1300	100	91.4	128.2	0.807	0.82	26.10	1.035	0.102		240.6	3	3270
TSA6-1800	150	116.2	135.8	1.282	1.27	35.26	1.846	0.181		566.9	3.3	4260
TSA6-2600	180	141.2	145.5	1.588	1.80	35.73	2.125	0.209		552.9	3.4	5090
TSA8-2900	180	130.2	140.0	2.895	1.51	41.50	2.488	0.244	1/2	1879	2.2	6080
TSA8-4200	180	179.8	152.7	3.215	2.72	48.07	3.535	0.347		1421	2.8	7560
TSA8-5900	350	280.0	171.4	5.276	5.96	57.58	6.697	0.657		2311	3.2	8530
TSA8-8400	500	338.4	186.5	8.951	8.00	73.42	9.840	0.966		4194	3.5	12010
TSA8-9013	700	438.8	213.4	13.437	12.17	94.70	13.959	1.369		9319	3.7	18520
TSA8-9015	700	555.2	216.4	14.116	18.70	95.98	18.947	1.859		6401	4	17330
TSA8-9021	1200	744.0	237.3	21.416	30.23	126.34	31.121	3.054		7265	4.5	22600

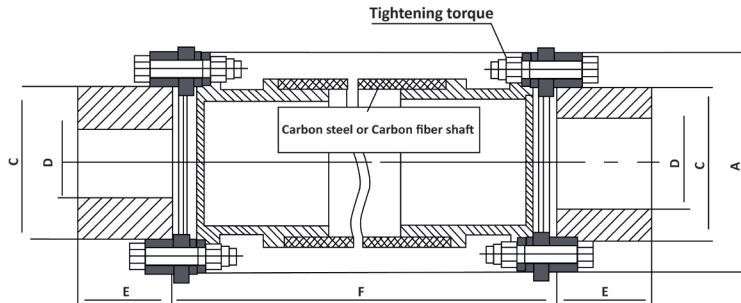
TSP-T Coupling



Type	Continuous Torque Rating (KNm)	Peak Torque Rating (KNm)	Momentary Torque limit (KNm)	Angular Misalignment		Axial Displacement		A	C Max	D Max	L1	L	E	G	H	M	K	N	P
				Max (deg)	Restoring Moment (Nm/deg)	Max mm	Axial Force (N)												
TSP6-1300T	10	19.4	22.4	2/3	526.4	3.6	2580	300	248	170	60	40	190	17.4	15	43	16	250	85
TSP6-2100T	16	27.7	31.9	2/3	435.6	3.8	3640	316	270	185	60	40	205	20.4	16	46	16	276	90
TSP8-3300T	25	40.0	46.1	1/2	1130	3	5060	348	286	200	85	60	220	20.4	21	46	20	292	90
TSP8-4200T	31	46.3	53.3	1/2	1999	3.8	5700	404	338	230	85	60	255	22.8	22	50	20	340	105
TSP8-6600T	50	72.8	83.7	1/2	3338	4.2	9010	425	360	245	85	60	270	27.6	24	57	20	364	120
TSP8-8400T	63	93.1	107.1	1/2	8431	4.8	12110	455	390	270	100	70	300	33	25	60	20	395	130
TSP8-9011T	80	118.1	135.9	1/2	6401	5.2	12870	492	420	290	100	70	320	33	25	60	20	428	130
TSP8-9015T	112	165.6	190.5	1/2	6357	5.5	15460	548	460	315	120	85	320	34	33	75	25	478	155
TSP8-9021T	160	236.0	271.5	1/2	7386	6	18490	602	512	350	120	85	350	34	33	75	25	532	155
TSP8-9026T	200	295.6	340	1/2	8478	7	21850	662	570	390	140	95	390	38.6	38	85	25	592	180
TSP10-9033T	250	369.5	425	1/4	37650	5.8	29760	662	570	390	140	95	390	41.6	35	85	25	592	180
TSP10-9042T	315	465	535	1/4	42000	6	34360	692	590	415	140	95	415	45	38	85	25	622	200

Type	DO × S	
	Material : 20	Material : 16 Mn
TSP6-1300T	159× 4.5 ,152× 5 ,146× 6	140 × 7
TSP6-2100T	180× 6 ,168× 6 ,159× 6	159 × 5 , 146 × 8
TSP8-3300T	194× 6 ,180 × 7 , 168× 10	180 × 6 , 168 × 8 ,168 × 7 , 159 × 8
TSP8-4200T	219 × 6 , 203 × 8 , 194 × 8	194 × 6 ,180× 8 ,168× 8 ,159 × 10
TSP8-6600T	245 × 8 ,219 × 10 ,203 × 12	245 × 6.5 ,219× 8 ,203× 10 ,194× 10 ,180× 12
TSP8-8400T	245 × 10 ,219 × 14 ,203 × 16	245× 8 ,219× 10 ,203 × 14 ,203× 10 ,194× 12
TSP8-9011T	273 × 10 , 245 × 14 ,219 × 16	273× 10 ,245 × 10 ,219 × 14 ,219× 12
TSP8-9015T	325 × 10 ,299 × 12 ,273 × 14	325 × 9 ,299 × 10 ,325 × 12 ,273 × 10
TSP8-9021T	351 × 12 ,325 × 16	351 × 10 ,325 × 14 ,325 × 12 ,299 × 12
TSP8-9026T	402 × 12 ,377 × 14	325 × 14 ,299 × 16
TSP10-9033T	402 × 16 ,377 × 18	356 × 14 ,351 × 14
TSP10-9042T	426 × 16	402 × 16

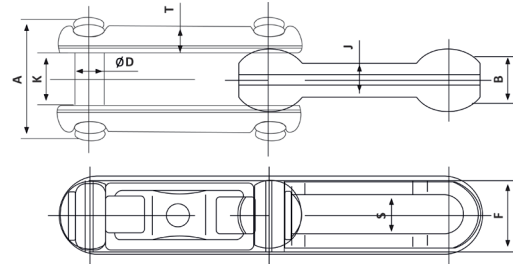
S-X1 Coupling



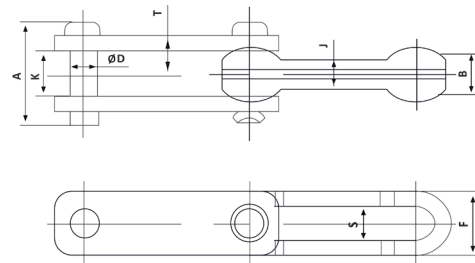
Type	Continuous Torque Rating(KNm)	Peak Torque (KNm)	Momentary Torque (KNm)	Angular Misalignment (deg)	Axial Displacement	A (mm)	C(1) (mm) Max	D (1) (mm) Max	E(1) (mm)	G (mm)	Tightening Torque (Nm)
S6- 220X1	1.6	3.6	4.8	2/3	2	236	92	62	80	169	45
S8- 440X1	3.15	7.1	9.45	1/2	3	280	130	90	110	214	70

Type	1500 (r/min)	1000 (r/min)	750 (r/min)	500 (r/min)
S6- 220X1	3350	4100	4750	5800
S8- 220X1	4200	4850	5500	6600

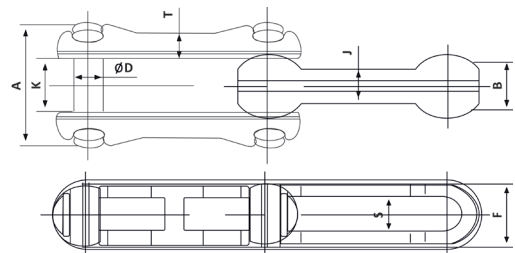
Drop-forged rivetless chains for conveyors



Chain No.	Pitch mm	Dimensions								Lateral angle °	Ultimate strength KN	Weight Kg/M
		A	B	F	S	J	K	T	D			
X348	76.6	45.0	18.8	27.0	13.5	13.2	20.6	10.2	12.7	9.0	110.0	3.2
X458	102.4	56.0	25.4	36.0	17.4	16.0	26.5	12.0	16.0	9.0	220.0	4.7
X678	153.2	77.0	32.0	51.0	25.0	21.0	34.2	17.0	22.0	7.0	320.0	9.5
X80	80.0	46.0	18.8	27.0	13.5	13.2	20.6	6.3	12.7	6.5	110.0	3.1
F100	100.0	56.0	25.0	36.0	17.4	16.0	26.5	12.0	16.0	9.0	220.0	4.7

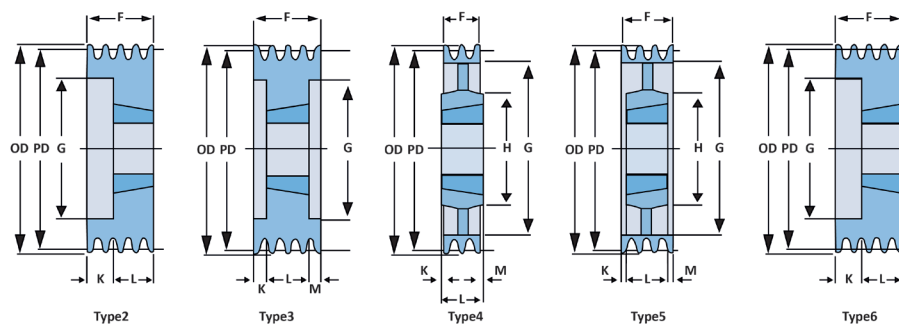


Chain No.	Pitch mm	Dimensions								Lateral angle °	Ultimate strength KN	Weight Kg/M
		A	B	F	S	J	K	T	D			
S458	102.4	49.5	25.4	36.0	17.4	16.0	27.0	7.8	16.0	9.0	220.0	4.7
S348	76.6	46.0	18.8	27.0	13.5	13.2	20.6	6.3	12.7	9.0	110.0	3.2
S678	153.2	66.6	32.0	51.0	25.0	21.0	34.2	12.7	22.0	7.0	320.0	9.5
S698	153.2	93.0	39.7	69.9	30.2	25.4	41.3	14.3	29.1	5.0	600.0	19.6



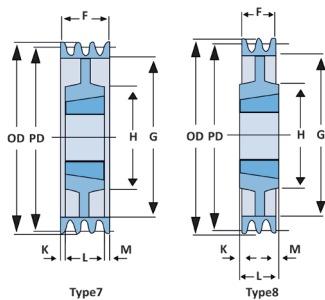
Chain No.	Pitch mm	Dimensions								Lateral angle °	Ultimate strength KN	Weight Kg/M
		A	B	F	S	J	K	T	D			
348	76.6	44.5	18.8	27.0	13.5	13.2	20.6	7.6	12.7	9.0	110.0	3.2
458	102.4	58.0	25.4	36.0	17.4	16.0	26.5	8.5	16.0	9.0	220.0	4.7
678	153.2	77.0	32.0	51.0	25.0	21.0	34.2	12.0	22.0	7.0	320.0	9.5
698	153.2	95.3	39.0	64.0	32.0	25.4	42.3	15.0	28.0	5.0	515.0	16.9
998	229.4	95.3	9.7	676.0	30.2	25.4	41.7	15.0	28.6	5.0	605.0	14.8
9118	229.4	125.0	50.0	78.0	37.2	33.5	52.0	20.0	5.0	5.0	832.0	24.2
80	80.0	48.0	18.8	29.0	13.5	13.0	21.0	6.5	12.0	6.5	110.0	3.2
80H	80.0	72.0	32.0	42.0	19.5	19.0	34.5	11.0	18.0	6.5	250.0	8.7
XT100	100.0	58.0	25.0	37.0	17.4	16.0	26.5	8.5	16.0	9.0	220.0	4.7
XT160	160.0	78.0	34.5	54.0	28.0	20.5	36.0	12.0	24.0	5.0	410.0	10.3

Wedge belt pulleys
SPA taper bushed



Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Dimensions										Mass 1	Designation
		PD			outer diameter OD		B min	Max.	F	G	K	L	M	H		
-	-	mm	-	-	mm									kg	-	
SPA	1	315	4	2012	320.5	14	50	20	280	-	32	12.0	112	7.2	PHP 1SPA315TB	
		355	4	2012	360.5	14	50	20	320	-	32	12.0	112	7.6	PHP 1SPA355TB	
		400	4	2012	405.5	14	50	20	365	-	32	12.0	112	7.9	PHP 1SPA400TB	
		450	4	2012	455.5	16	60	20	415	-	32	12.0	112	8.4	PHP 1SPA450TB	
		500	4	2517	505.5	16	60	20	465	-	45	12.0	112	9.4	PHP 1SPA500TB	
SPA	2	630	4	2517	635.5	16	60	20	595	-	45	12.0	112	13.1	PHP 1SPA630TB	
		63	6	1008	68.5	9	28	35	33	13.0	22	-	-	0.6	PHP 2SPA63TB	
		67	6	1108	72.5	9	28	35	37	13.0	22	-	-	0.4	PHP 2SPA67TB	
		71	6	1108	76.5	9	28	35	40	13.0	22	-	-	0.5	PHP 2SPA71TB	
		75	6	1108	80.5	9	28	35	44	13.0	25	-	-	0.7	PHP 2SPA75TB	
		80	6	1210	85.5	11	32	35	47	10.0	25	-	-	0.6	PHP 2SPA80TB	
		85	6	1210	90.5	11	32	35	50	10.0	25	-	-	0.7	PHP 2SPA85TB	
		90	6	1610	95.5	14	42	35	60	10.0	25	-	-	0.7	PHP 2SPA90TB	
		95	6	1610	100.5	14	42	35	64	10.0	25	-	-	0.9	PHP 2SPA95TB	
		100	6	1610	105.5	14	42	35	70	10.0	25	-	-	1.1	PHP 2SPA100TB	
		106	6	1610	111.5	14	42	35	76	10.0	25	-	-	1.2	PHP 2SPA106TB	
		112	6	1610	117.5	14	42	35	80	10.0	25	-	-	1.4	PHP 2SPA112TB	
		118	6	1610	123.5	14	42	35	86	10.0	25	-	-	1.6	PHP 2SPA118TB	
		125	6	1610	130.5	14	42	35	90	10.0	25	-	-	1.9	PHP 2SPA125TB	
		132	6	2012	137.5	14	50	35	98	3.0	32	-	-	2.1	PHP 2SPA132TB	
		140	6	2012	145.5	14	50	35	106	3.0	32	-	-	2.6	PHP 2SPA140TB	
		150	6	2012	155.5	14	50	35	116	3.0	32	-	-	3.2	PHP 2SPA150TB	
		160	6	2012	165.5	14	50	35	125	3.0	32	-	-	3.8	PHP 2SPA160TB	
		170	6	2012	175.5	14	50	35	135	3.0	32	-	-	4.5	PHP 2SPA170TB	
		180	7	2012	185.5	14	50	35	148	2.0	32	2.0	100	5.2	PHP 2SPA180TB	
		190	7	2012	195.5	14	50	35	158	2.0	32	2.0	100	4.4	PHP 2SPA190TB	
		200	8	2517	205.5	16	60	35	165	5.0	45	5.0	120	4.9	PHP 2SPA200TB	
		212	4	2517	217.5	16	65	35	177	5.0	45	5.0	120	5.8	PHP 2SPA212TB	
		224	4	2517	229.5	16	60	35	189	-	45	10.0	120	6.6	PHP 2SPA224TB	
		250	4	2517	255.5	16	60	35	215	5.0	45	5.0	120	6.8	PHP 2SPA250TB	
		280	4	2517	285.5	16	60	35	245	-	45	10.0	120	8.3	PHP 2SPA280TB	
		315	4	2517	320.5	16	60	35	280	-	45	10.0	120	10.2	PHP 2SPA315TB	
		355	4	2517	360.5	16	60	35	320	-	45	10.0	120	10.5	PHP 2SPA355TB	
		400	4	2517	405.5	16	60	35	365	-	45	10.0	120	11.3	PHP 2SPA400TB	
		450	4	2517	455.5	16	60	35	465	-	45	10.0	120	15.0	PHP 2SPA450TB	
		500	4	2517	505.5	16	60	35	525	-	51	16.0	150	18.7	PHP 2SPA500TB	
		630	4	3020	635.5	25	75	35	595	8.0	51	8.0	150	22.0	PHP 2SPA630TB	
SPA	3	71	6	1108	76.5	9	28	50	40	28.0	22	-	-	0.7	PHP 3SPA71TB	
		75	6	1108	80.5	9	28	50	44	28.0	25	-	-	0.8	PHP 3SPA75TB	
		80	6	1210	85.5	11	32	50	47	25.0	25	-	-	0.9	PHP 3SPA80TB	
		85	6	1210	90.5	11	32	50	50	25.0	25	-	-	1.0	PHP 3SPA85TB	
		90	6	1610	95.5	14	42	50	60	25.0	25	-	-	1.0	PHP 3SPA90TB	
		95	6	1610	100.5	14	42	50	64	25.0	25	-	-	1.2	PHP 3SPA95TB	
		100	2	1610	105.5	14	42	50	70	-	25	25.0	-	1.3	PHP 3SPA100TB	
		106	2	1610	111.5	14	42	50	76	-	25	25.0	-	1.6	PHP 3SPA106TB	
		112	6	2012	117.5	14	50	50	83	18.0	32	-	-	1.6	PHP 3SPA112TB	
		118	2	2012	123.5	14	50	50	86	-	32	18.0	-	1.9	PHP 3SPA118TB	
		125	2	2012	130.5	14	50	50	92	-	32	18.0	-	2.3	PHP 3SPA125TB	
		132	2	2012	137.5	14	50	50	98	-	32	18.0	-	2.6	PHP 3SPA132TB	
		140	6	2517	145.5	16	60	50	106	5.0	45	-	-	2.9	PHP 3SPA140TB	
		150	6	2517	155.5	16	60	50	116	5.0	45	-	-	3.7	PHP 3SPA150TB	
		160	6	2517	165.5	16	60	50	126	5.0	45	-	-	4.5	PHP 3SPA160TB	

Wedge belt pulleys
SPA taper bushed

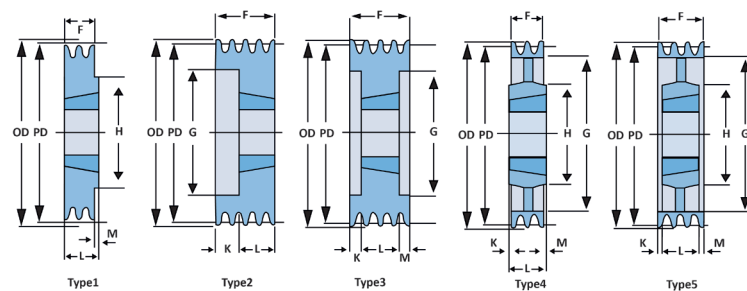


Type 7

Type 8

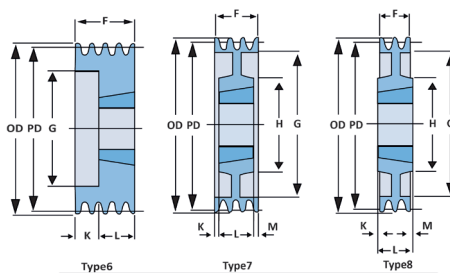
Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Dimensions										Mass 1	Designation
		PD			outer diameter OD	B min	Max.	F	G	K	L	M	H			
-	-	mm	-	-	mm									kg	-	
SPA	3	170	6	2517	175.5	16	60	50	138	5.0	45	-	-	5.0	PHP 3SPA170TB	
		180	6	2517	185.5	16	60	50	146	5.0	45	-	-	6.2	PHP 3SPA180TB	
		190	6	2517	195.5	16	60	50	158	5.0	45	-	-	7.0	PHP 3SPA190TB	
		200	7	2517	205.5	16	60	50	165	2.5	45	2.5	120	5.6	PHP 3SPA200TB	
		212	5	2517	217.5	16	60	50	177	2.5	45	2.5	120	6.6	PHP 3SPA212TB	
		224	5	2517	229.5	16	60	50	189	2.5	45	2.5	120	7.5	PHP 3SPA224TB	
		250	5	2517	255.5	16	60	50	215	2.5	45	2.5	120	8.6	PHP 3SPA250TB	
		280	5	2517	285.5	16	60	50	245	2.5	45	2.5	120	10.0	PHP 3SPA280TB	
		315	4	3020	320.5	25	75	50	280	0.5	51	0.5	160	12.8	PHP 3SPA315TB	
		355	4	3020	360.5	25	75	50	320	0.5	51	0.5	150	13.4	PHP 3SPA355TB	
		400	4	3020	405.5	25	75	50	365	-	51	1.0	150	15.9	PHP 3SPA400TB	
		450	4	3020	455.5	25	75	50	415	-	51	1.0	150	19.3	PHP 3SPA450TB	
		500	4	3020	505.5	25	75	50	465	-	51	1.0	150	22.6	PHP 3SPA500TB	
		560	4	3020	565.5	25	75	50	525	-	51	1.0	150	23.5	PHP 3SPA560TB	
		630	4	3020	635.5	25	75	50	595	-	51	1.0	150	27.5	PHP 3SPA630TB	
		800	4	3535	805.5	35	90	50	765	19.5	89	19.5	170	40.8	PHP 3SPA800TB	
		1000	4	3535	1005.5	35	90	50	965	19.5	89	19.5	178	50.0	PHP 3SPA1000TB	
SPA	4	90	6	1615	95.5	14	42	65	64	27.0	38	-	-	1.2	PHP 4SPA90TB	
		95	6	1615	100.5	14	42	65	64	27.0	38	-	-	1.4	PHP 4SPA95TB	
		100	2	1615	105.5	14	42	65	70	-	38	27.0	-	1.6	PHP 4SPA100TB	
		106	6	2012	111.5	14	50	65	76	33.0	32	-	-	1.7	PHP 4SPA106TB	
		112	6	2012	117.5	14	50	65	80	33.0	32	-	-	2.0	PHP 4SPA112TB	
		118	2	2012	123.5	14	50	65	86	-	32	33.0	-	2.3	PHP 4SPA118TB	
		125	2	2012	130.5	14	50	65	92	-	32	33.0	-	2.7	PHP 4SPA125TB	
		132	2	2517	137.5	16	60	65	98	-	45	20.0	-	2.9	PHP 4SPA132TB	
		140	2	2517	145.5	16	60	65	106	-	45	20.0	-	3.5	PHP 4SPA140TB	
		150	2	2517	155.5	16	60	65	116	-	45	20.0	-	4.2	PHP 4SPA150TB	
		160	2	2517	165.5	16	60	65	126	-	45	20.0	-	5.1	PHP 4SPA160TB	
		170	2	2517	175.5	16	60	65	138	-	45	20.0	-	6.0	PHP 4SPA170TB	
		180	2	2517	185.5	16	60	65	146	-	45	20.0	-	6.9	PHP 4SPA180TB	
		190	2	2517	195.5	25	60	65	158	-	45	20.0	-	7.2	PHP 4SPA190TB	
		200	2	3020	205.5	25	75	65	165	-	51	14.0	-	8.4	PHP 4SPA200TB	
		212	2	3020	217.5	25	75	65	177	-	51	14.0	-	9.9	PHP 4SPA212TB	
		224	2	3020	229.5	25	75	65	189	-	51	14.0	-	11.4	PHP 4SPA224TB	
		250	5	3020	255.5	25	75	65	215	7.0	51	7.0	150	10.5	PHP 4SPA250TB	
		280	5	3020	285.5	25	75	65	245	7.0	51	7.0	150	11.6	PHP 4SPA280TB	
		315	5	3020	320.5	25	75	65	280	7.0	51	7.0	150	13.8	PHP 4SPA315TB	
		355	5	3020	360.5	25	75	65	320	7.0	51	7.0	150	15.8	PHP 4SPA355TB	
		400	5	3020	405.5	25	75	65	365	7.0	51	7.0	150	17.7	PHP 4SPA400TB	
		450	5	3020	455.5	25	75	65	415	7.0	51	7.0	150	23.2	PHP 4SPA450TB	
		500	5	3020	505.5	25	75	65	465	7.0	51	7.0	150	27.4	PHP 4SPA500TB	
		560	4	3535	565.5	35	90	65	525	12.0	89	12.0	170	30.5	PHP 4SPA560TB	
		630	4	4545	635.5	35	90	65	595	12.0	89	12.0	170	34.1	PHP 4SPA630TB	
		800	4	3535	805.5	35	90	65	765	12.0	89	12.0	170	50.8	PHP 4SPA800TB	
		1000	4	4040	1005.5	40	100	65	965	18.5	102	18.5	216	62.0	PHP 4SPA1000TB	
SPA	5	100	2	1615	105.5	14	42	80	70	-	38	42.0	-	1.9	PHP 5SPA100TB	
		106	6	2012	111.5	14	50	80	76	48.0	32	-	-	2.1	PHP 5SPA106TB	
		112	6	2012	117.5	14	50	80	80	48.0	32	-	-	2.4	PHP 5SPA112TB	
		118	2	2012	123.5	14	50	80	86	-	32	48.0	-	2.7	PHP 5SPA118TB	
		125	3	2012	130.5	14	50	80	92	24.0	32	24.0	-	3.1	PHP 5SPA125TB	
		132	3	2517	137.5	16	60	80	98	17.5	45	17.5	-	3.2	PHP 5SPA132TB	
		140	3	2517	145.5	16	60	80	106	17.5	45	17.5	-	3.9	PHP 5SPA140TB	
		150	3	2517	155.5	16	60	80	116	17.5	45	17.5	-	4.7	PHP 5SPA150TB	

Wedge belt pulleys
SPA taper bushed| SPB taper bushed



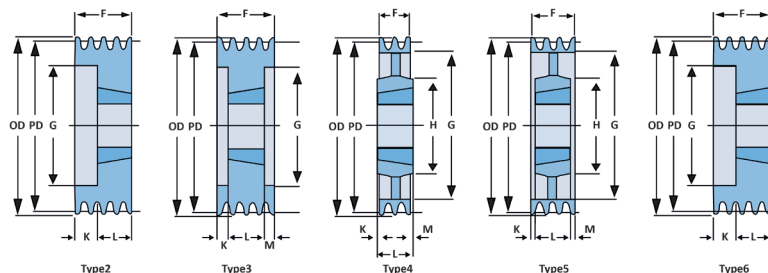
Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Dimensions										Mass 1	Designation	
		PD			outer diameter OD			B min	Max.	F	G	K	L	M			H
		mm			mm										kg		
SPA	5	160	3	2517	165.5	16	60	80	126	17.5	45	17.5	-	5.6	PHP 5SPA160TB		
		170	3	2517	175.5	16	60	80	146	17.5	45	17.5	-	6.2	PHP 5SPA170TB		
		180	3	3020	185.5	25	75	80	165	14.5	51	14.5	-	6.8	PHP 5SPA180TB		
		190	2	3020	195.5	25	75	80	189	-	51	29.0	-	7.4	PHP 5SPA190TB		
		200	3	3020	205.5	25	75	80	215	14.5	51	14.5	-	9.1	PHP 5SPA200TB		
		212	2	3020	217.5	25	75	80	245	-	51	29.0	-	10.7	PHP 5SPA212TB		
		224	2	3020	229.5	25	75	80	280	-	51	29.0	-	12.3	PHP 5SPA224TB		
		250	7	3020	255.5	25	75	80	215	14.5	51	14.5	150	11.7	PHP 5SPA250TB		
		280	4	3535	285.5	35	90	80	245	4.5	89	4.5	170	17.4	PHP 5SPA280TB		
		315	4	3535	320.5	35	90	80	280	4.5	89	4.5	170	20.0	PHP 5SPA315TB		
		355	4	3535	360.5	35	90	80	320	4.5	89	4.5	170	22.8	PHP 5SPA355TB		
		400	4	3535	405.5	35	90	80	365	4.5	89	4.5	170	24.8	PHP 5SPA400TB		
		450	4	3535	455.5	35	90	80	415	4.5	89	4.5	170	28.5	PHP 5SPA450TB		
		500	4	3535	505.5	35	90	80	465	4.5	89	4.5	170	31.7	PHP 5SPA500TB		
		560	4	3535	565.5	35	90	80	525	4.5	89	4.5	170	35.0	PHP 5SPA560TB		
		630	4	3535	635.5	35	90	80	595	4.5	89	4.5	170	42.0	PHP 5SPA630TB		
		800	4	4040	805.5	40	100	80	765	11.0	102	11.0	216	60.0	PHP 5SPA800TB		
		1000	4	4545	1005.5	55	120	80	965	17.0	114	17.0	225	70.0	PHP 5SPA1000TB		
SPA	6	100	3	1610	105.5	14	42	95	70	30.0	38	40.0	-	2.2	PHP 6SPA100TB		
		106	6	2012	111.5	14	50	95	76	63.0	32	-	-	2.5	PHP 6SPA106TB		
		112	6	2012	117.5	14	50	95	80	63.0	32	-	-	2.8	PHP 6SPA112TB		
		118	6	2012	123.5	14	50	95	86	63.0	32	-	-	3.1	PHP 6SPA118TB		
		125	3	2012	130.5	14	50	95	92	31.5	32	31.5	-	3.7	PHP 6SPA125TB		
		132	3	2517	137.5	16	60	95	98	25.0	45	25.0	-	3.6	PHP 6SPA132TB		
		140	3	2517	145.5	16	60	95	106	25.0	45	25.0	-	4.5	PHP 6SPA140TB		
		150	3	2517	155.5	16	60	95	116	25.0	45	25.0	-	5.3	PHP 6SPA150TB		
		160	3	2517	165.5	16	60	95	126	25.0	45	25.0	-	6.	PHP 6SPA160TB		
		170	3	3020	175.5	25	75	95	135	22.0	51	22.0	-	6.3	PHP 6SPA170TB		
		180	3	3020	185.5	25	75	95	146	22.0	51	22.0	-	7.5	PHP 6SPA180TB		
		190	3	3020	195.5	25	75	95	155	22.0	51	22.0	-	8.6	PHP 6SPA190TB		
		200	3	3020	205.5	25	75	95	165	22.0	51	22.0	-	9.9	PHP 6SPA200TB		
		212	3	3020	217.5	25	75	95	177	22.0	51	22.0	-	11.6	PHP 6SPA212TB		
		224	3	3020	229.5	25	75	95	189	22.0	51	22.0	-	13.2	PHP 6SPA224TB		
		250	7	3020	255.5	25	75	95	215	22.0	51	22.0	150	12.5	PHP 6SPA250TB		
		280	5	3535	285.5	35	90	95	245	3.0	89	3.0	170	19.0	PHP 6SPA280TB		
		315	5	3535	320.5	35	90	95	280	3.0	89	3.0	170	21.1	PHP 6SPA315TB		
355	5	3535	360.5	35	90	95	320	3.0	89	3.0	170	23.5	PHP 6SPA355TB				
SPA	5	400	5	3535	405.5	35	90	95	365	3.0	89	3.0	170	26.0	PHP 6SPA400TB		
		450	5	3535	455.5	35	90	95	415	3.0	89	3.0	170	30.0	PHP 6SPA450TB		
		500	5	3535	505.5	35	90	95	465	3.0	89	3.0	170	34.0	PHP 6SPA500TB		
		560	5	3535	565.5	35	90	95	525	3.0	89	3.0	170	39.0	PHP 6SPA560TB		
		630	4	4040	635.5	40	100	95	595	3.5	102	3.5	216	53.5	PHP 6SPA630TB		
		800	4	4040	805.5	40	100	95	765	3.5	102	3.5	216	70.0	PHP 6SPA800TB		
		1000	4	4545	1005.5	55	120	95	965	9.5	114	9.5	225	85.5	PHP 6SPA1000TB		
		SPB	1	100	1	1610	107.0	14	42	25	-	-	25	-	-	0.8	PHP 1SPB100TB
				106	1	1610	113.0	14	42	25	-	-	25	-	-	1.0	PHP 1SPB106TB
				112	1	1610	119.0	14	42	25	-	-	25	-	-	1.2	PHP 1SPB112TB
				118	1	1610	125.0	14	42	25	-	-	25	-	-	1.5	PHP 1SPB118TB
				125	1	1610	132.0	14	42	25	-	-	25	-	-	1.5	PHP 1SPB125TB
				132	1	1610	139.0	14	42	25	-	-	25	-	-	1.8	PHP 1SPB132TB
				140	1	1610	147.0	14	42	25	-	-	25	-	-	2.1	PHP 1SPB140TB
				150	1	1610	157.0	14	42	25	-	-	25	-	-	2.5	PHP 1SPB150TB
				160	1	1610	167.0	14	42	25	-	-	25	-	-	2.9	PHP 1SPB160TB

Wedge belt pulleys
SPB taper bushed



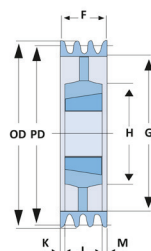
Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Dimensions										Mass 1	Designation
		PD			outer diameter OD	B min	Max.	F	G	K	L	M	H			
-	-	mm	-	-	mm										kg	-
SPB	1	170	1	1610	177.0	14	42	25	-	-	25	-	-	3.0		PHP 1SPB170TB
		180	7	1610	187.0	14	42	25	137	-	25	-	80	3.8		PHP 1SPB180TB
		190	8	2012	197.0	14	50	25	147	3.5	32	3.5	100	4.4		PHP 1SPB190TB
		200	4	2012	207.0	14	50	25	157	3.5	32	3.5	104	4.0		PHP 1SPB200TB
		212	4	2012	219.0	14	50	25	169	3.5	32	3.5	104	5.2		PHP 1SPB212TB
		224	4	2012	231.0	14	50	25	181	3.5	32	3.5	104	5.2		PHP 1SPB224TB
		236	4	2012	243.0	14	50	25	193	3.5	32	3.5	104	5.4		PHP 1SPB236TB
		250	4	2012	257.0	14	50	25	207	3.5	32	3.5	104	6.2		PHP 1SPB250TB
		280	4	2012	287.0	14	50	25	237	3.5	32	3.5	104	6.5		PHP 1SPB280TB
		300	4	2012	307.0	14	50	25	258	3.5	32	3.5	104	7.0		PHP 1SPB300TB
		315	4	2012	322.0	14	50	25	272	3.5	32	3.5	100	7.5		PHP 1SPB315TB
		335	4	2517	342.0	16	60	25	288	10.0	45	10.0	125	8.5		PHP 1SPB335TB
		355	4	3020	362.0	25	75	25	312	13.0	51	13.0	146	9.5		PHP 1SPB355TB
		400	4	3020	407.0	25	75	25	357	13.0	51	13.0	146	11.0		PHP 1SPB400TB
		450	4	3020	457.0	25	75	25	407	13.0	51	13.0	150	12.3		PHP 1SPB450TB
		500	4	3020	507.0	25	75	25	457	13.0	51	13.0	150	14.6		PHP 1SPB500TB
		560	4	3020	567.0	25	75	25	517	13.0	51	13.0	150	18.5		PHP 1SPB560TB
		630	4	3020	637.0	25	75	25	587	13.0	51	13.0	150	20.5		PHP 1SPB630TB
SPB	2	100	6	1610	107.0	14	42	44	62	19.0	25	-	-	1.3		PHP 2SPB100TB
		106	6	1610	113.0	14	42	44	67	19.0	25	-	-	1.5		PHP 2SPB106TB
		112	6	1610	119.0	14	42	44	72	19.0	25	-	-	1.5		PHP 2SPB112TB
		118	2	1610	125.0	14	42	44	78	-	25	19.0	-	1.7		PHP 2SPB118TB
		125	2	2012	132.0	14	50	44	82	-	32	12.0	-	2.0		PHP 2SPB125TB
		132	2	2012	139.0	14	50	44	89	-	32	12.0	-	2.4		PHP 2SPB132TB
		140	2	2012	147.0	14	50	44	97	-	32	12.0	-	2.8		PHP 2SPB140TB
		150	2	2012	157.0	14	50	44	107	-	32	12.0	-	3.3		PHP 2SPB150TB
		160	2	2012	167.0	14	50	44	117	-	32	12.0	-	4.0		PHP 2SPB160TB
		170	2	2012	177.0	14	50	44	127	-	32	12.0	-	4.4		PHP 2SPB170TB
		180	1	2517	187.0	16	60	44	-	-	45	1.0	120	5.5		PHP 2SPB180TB
		190	1	2517	197.0	16	60	44	-	-	45	1.0	120	6.5		PHP 2SPB190TB
		200	1	2517	207.0	16	60	44	-	-	45	1.0	120	7.5		PHP 2SPB200TB
		212	8	2517	219.0	16	60	44	169	-	45	1.0	120	7.0		PHP 2SPB212TB
		224	4	2517	231.0	16	60	44	181	-	45	1.0	120	7.7		PHP 2SPB224TB
		236	4	2517	243.0	16	60	44	193	-	45	1.0	120	8.3		PHP 2SPB236TB
		250	4	2517	257.0	16	60	44	207	-	45	1.0	120	8.6		PHP 2SPB250TB
		280	4	2517	287.0	16	60	44	237	-	45	1.0	120	10.1		PHP 2SPB280TB
		300	4	2517	307.0	16	60	44	257	-	45	1.0	120	11.0		PHP 2SPB300TB
SPB	3	315	4	2517	322.0	16	60	44	272	-	45	1.0	120	12.2		PHP 2SPB315TB
		335	4	2517	342.0	16	60	44	292	-	45	1.0	120	14.0		PHP 2SPB335TB
		355	4	3020	362.0	25	75	44	312	3.5	51	3.5	120	15.9		PHP 2SPB355TB
		400	4	3020	407.0	25	75	44	357	3.5	51	3.5	150	18.3		PHP 2SPB400TB
		450	4	3020	457.0	25	75	44	407	3.5	51	3.5	150	16.3		PHP 2SPB450TB
		500	4	3020	507.0	25	75	44	457	3.5	51	3.5	150	18.6		PHP 2SPB500TB
		560	4	3030	567.0	35	75	44	517	4.0	76	28.0	150	22.5		PHP 2SPB560TB
		630	4	3030	637.0	35	75	44	587	16.0	76	-	150	25.5		PHP 2SPB630TB
		100	6	1610	107.0	14	42	63	62	38.0	25	-	-	0.9		PHP 3SPB100TB
		106	6	1610	113.0	14	42	63	67	8.0	25	-	-	2.0		PHP 3SPB106TB
		112	6	1610	119.0	14	42	63	72	38.0	25	-	-	2.0		PHP 3SPB112TB
		118	2	1610	125.0	14	42	63	78	-	25	38.0	-	2.3		PHP 3SPB118TB
		125	2	2012	132.0	14	50	63	82	-	32	31.0	-	2.5		PHP 3SPB125TB
		132	2	2012	139.0	14	50	63	89	-	32	31.0	-	3.1		PHP 3SPB132TB
		140	2	2012	147.0	14	50	63	97	-	32	31.0	-	3.5		PHP 3SPB140TB
		150	2	2517	157.0	16	60	63	107	-	45	18.0	-	4.0		PHP 3SPB150TB

Wedge belt pulleys
SPB taper bushed



Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Dimensions		type3		type4		type5		type6		Mass 1	Designation
					PD	outer diameter OD	B min	Max.	F	G	K	L	M	H		
-	-	mm	-	-	mm										kg	-
SPB	3	160	2	2517	167.0	16	60	63	117	-	45	18.0	-	4.9	PHP 3SPB160TB	
		170	2	2517	177.0	16	60	63	127	-	45	18.0	-	5.7	PHP 3SPB170TB	
		180	2	2517	187.0	16	60	63	137	-	45	18.0	-	6.7	PHP 3SPB180TB	
		190	2	2517	197.0	16	60	63	147	-	45	18.0	-	7.6	PHP 3SPB190TB	
		200	2	2517	207.0	16	60	63	157	-	45	18.0	-	8.9	PHP 3SPB200TB	
		212	7	2517	219.0	16	60	63	169	-	45	18.0	120	8.2	PHP 3SPB212TB	
		224	4	2517	231.0	16	60	63	181	-	45	18.0	120	9.1	PHP 3SPB224TB	
		236	4	2517	243.0	16	60	63	193	-	45	18.0	120	9.8	PHP 3SPB236TB	
		250	4	3020	257.0	25	75	63	207	-	51	12.0	150	11.2	PHP 3SPB250TB	
		280	4	3020	287.0	25	75	63	237	6.0	51	6.0	150	12.0	PHP 3SPB280TB	
		300	4	3020	307.0	25	75	63	257	6.0	51	6.0	150	13.5	PHP 3SPB300TB	
		315	4	3020	322.0	25	75	63	272	6.0	51	6.0	150	14.2	PHP 3SPB315TB	
		335	4	3020	342.0	25	75	63	292	6.0	51	6.0	150	16.0	PHP 3SPB335TB	
		355	4	3020	362.0	25	75	63	312	6.0	51	6.0	150	17.7	PHP 3SPB355TB	
		400	4	3535	407.0	35	90	63	357	13.0	89	13.0	170	25.0	PHP 3SPB400TB	
		450	4	3535	457.0	35	90	63	407	-	89	26.0	170	26.3	PHP 3SPB450TB	
		500	4	3535	507.0	35	90	63	457	-	89	26.0	170	29.9	PHP 3SPB500TB	
		560	4	3535	567.0	35	90	63	517	-	89	26.0	170	37.2	PHP 3SPB560TB	
		630	4	3535	637.0	35	90	63	587	-	89	26.0	170	41.0	PHP 3SPB630TB	
		710	4	3535	717.0	35	90	63	664	13.0	89	13.0	170	48.0	PHP 3SPB710TB	
		800	4	3535	807.0	35	90	63	754	13.0	89	13.0	170	55.0	PHP 3SPB800TB	
		900	4	3535	907.0	35	90	63	854	13.0	89	13.0	170	64.1	PHP 3SPB900TB	
		1000	4	4040	1007.0	40	100	63	954	20.0	102	20.0	210	72.0	PHP 3SPB1000TB	
		1250	4	4040	1257.0	40	100	63	1204	20.0	102	20.0	210	140.0	PHP 3SPB1250TB	
SPB	4	100	3	1210	107.0	11	32	82	58	29.0	25	29.0	-	2.4	PHP 4SPB100TB	
		106	3	1610	113.0	14	42	82	65	29.0	25	29.0	-	2.3	PHP 4SPB106TB	
		112	3	1610	119.0	14	42	82	65	29.0	25	29.0	-	2.8	PHP 4SPB112TB	
		118	3	1610	125.0	14	42	82	71	29.0	25	29.0	-	3.3	PHP 4SPB118TB	
		125	3	2012	132.0	14	50	82	82	25.0	32	25.0	-	3.0	PHP 4SPB125TB	
		132	3	2012	139.0	14	50	82	89	25.0	32	25.0	-	3.8	PHP 4SPB132TB	
		140	3	2517	147.0	16	60	82	97	18.5	45	18.5	-	4.0	PHP 4SPB140TB	
		150	3	2517	157.0	16	60	82	107	18.5	45	18.5	-	4.9	PHP 4SPB150TB	
		160	3	2517	167.0	16	60	82	117	18.5	45	18.5	-	5.8	PHP 4SPB160TB	
		170	3	2517	177.0	16	60	82	127	18.5	45	18.5	-	6.6	PHP 4SPB170TB	
		180	3	2517	187.0	16	60	82	137	18.5	45	18.5	-	7.7	PHP 4SPB180TB	
		190	3	2517	197.0	16	60	82	147	18.5	45	18.5	-	8.6	PHP 4SPB190TB	
		200	3	3020	207.0	25	75	82	157	15.5	51	15.5	-	9.3	PHP 4SPB200TB	
		212	3	3020	219.0	25	75	82	169	15.5	51	15.5	-	10.9	PHP 4SPB212TB	
		224	3	3020	231.0	25	75	82	181	15.5	51	15.5	-	12.4	PHP 4SPB224TB	
		236	3	3020	243.0	25	75	82	193	15.5	51	15.5	-	14.1	PHP 4SPB236TB	
		250	5	3020	257.0	25	75	82	207	15.5	51	15.5	150	12.7	PHP 4SPB250TB	
		280	5	3020	287.0	25	75	82	237	15.5	51	15.5	150	13.8	PHP 4SPB280TB	
		300	4	3535	307.0	35	90	82	257	-	89	7.0	150	20.5	PHP 4SPB300TB	
		315	4	3535	322.0	35	90	82	272	3.5	89	3.5	170	20.6	PHP 4SPB315TB	
		335	4	3535	342.0	35	90	82	292	3.5	89	3.5	170	22.0	PHP 4SPB335TB	
		355	4	3535	362.0	35	90	82	312	3.5	89	3.5	170	23.2	PHP 4SPB355TB	
		400	4	3535	407.0	35	90	82	357	3.5	89	3.5	170	26.5	PHP 4SPB400TB	
		450	4	3535	457.0	35	90	82	407	-	89	7.0	170	29.7	PHP 4SPB450TB	
		500	4	3535	507.0	35	90	82	457	-	89	7.0	170	34.7	PHP 4SPB500TB	
		560	4	3535	567.0	35	90	82	517	-	89	7.0	170	39.0	PHP 4SPB560TB	
		630	4	3535	637.0	35	90	82	587	-	89	7.0	170	44.5	PHP 4SPB630TB	
		710	4	3535	717.0	35	90	82	664	3.5	89	3.5	187	50.5	PHP 4SPB710TB	
		800	4	4040	807.0	40	100	82	754	10.0	102	10.0	200	60.5	PHP 4SPB800TB	
		900	4	4040	907.0	40	100	82	854	10.0	102	10.0	216	70.0	PHP 4SPB900TB	

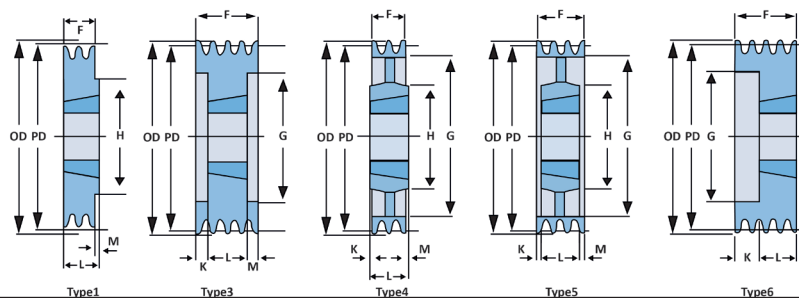
Wedge belt pulleys
SPB taper bushed



Type 7

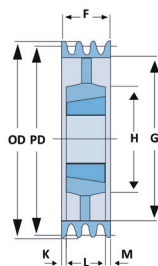
Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Dimensions									Mass 1	Designation	
		PD			outer diameter OD				B min	Max.	F	G	K			L
-	-	mm	-	-	mm										kg	-
SPB	4	1000	4	4040	1007.0	40	100	82	954	10.0	102	10.0	216	76.5	PHP 4SPB1000TB	
		1250	4	4545	1257.0	55	110	82	1204	16.0	114	16.0	225	162.0	PHP 4SPB1250TB	
SPB	5	125	6	2012	132.0	14	50	101	87	69.0	32	-	-	3.6	PHP 5SPB125TB	
		132	6	2517	139.0	16	60	101	94	56.0	45	-	-	3.8	PHP 5SPB132TB	
		140	3	2517	147.0	16	60	101	97	28.0	45	28.0	-	4.2	PHP 5SPB140TB	
		150	3	2517	157.0	16	60	101	107	28.0	45	28.0	-	5.7	PHP 5SPB150TB	
		160	3	2517	167.0	16	60	101	117	28.0	45	28.0	-	6.7	PHP 5SPB160TB	
		170	3	3020	177.0	25	75	101	127	25.0	51	25.0	-	6.7	PHP 5SPB170TB	
		180	3	3020	187.0	25	75	101	137	25.0	51	25.0	-	7.8	PHP 5SPB180TB	
		190	3	3020	197.0	25	75	101	147	25.0	51	25.0	-	9.1	PHP 5SPB190TB	
		200	3	3020	207.0	25	75	101	157	25.0	51	25.0	-	10.3	PHP 5SPB200TB	
		212	3	3020	219.0	25	75	101	169	25.0	51	25.0	-	12.2	PHP 5SPB212TB	
		224	3	3020	231.0	25	75	101	181	25.0	51	25.0	-	13.7	PHP 5SPB224TB	
		236	3	3535	243.0	35	90	101	193	6.0	89	6.0	-	15.9	PHP 5SPB236TB	
		250	3	3535	257.0	35	90	101	207	6.0	89	6.0	-	18.6	PHP 5SPB250TB	
		280	7	3535	287.0	35	90	101	237	6.0	89	6.0	170	21.4	PHP 5SPB280TB	
		300	5	3535	307.0	35	90	101	257	6.0	89	6.0	170	22.5	PHP 5SPB300TB	
		315	5	3535	322.0	35	90	101	272	6.0	89	6.0	170	22.3	PHP 5SPB315TB	
		335	5	3535	342.0	35	90	101	292	6.0	89	6.0	170	24.0	PHP 5SPB335TB	
		355	4	3535	362.0	35	90	101	312	6.0	89	6.0	170	25.5	PHP 5SPB355TB	
		400	5	3535	407.0	35	90	101	357	6.0	89	6.0	170	30.2	PHP 5SPB400TB	
		450	5	3535	457.0	35	90	101	407	-	89	12.0	170	32.8	PHP 5SPB450TB	
		500	5	3535	507.0	35	90	101	457	-	89	12.0	170	36.7	PHP 5SPB500TB	
		530	5	3535	537.0	35	90	101	487	-	89	12.0	170	39.2	PHP 5SPB530TB	
		560	4	4040	567.0	40	100	101	517	-	102	1.0	200	45.6	PHP 5SPB560TB	
		630	4	4040	637.0	40	100	101	587	-	102	1.0	200	50.0	PHP 5SPB630TB	
		710	4	4040	717.0	40	100	101	664	-	102	1.0	200	63.5	PHP 5SPB710TB	
		800	4	4040	807.0	40	100	101	754	-	102	1.0	200	67.0	PHP 5SPB800TB	
		900	4	4040	907.0	40	100	101	854	-	114	1.0	200	103.0	PHP 5SPB900TB	
		1000	4	4545	1007.0	55	110	101	954	6.5	114	6.5	225	110.0	PHP 5SPB1000TB	
		1250	4	4545	1257.0	55	110	101	1204	6.5	114	6.5	225	180.0	PHP 5SPB1250TB	
SPB	6	125	3	2012	132.0	14	50	120	83	44.0	32	44.0	-	4.2	PHP 6SPB125TB	
		132	3	2012	139.0	14	50	120	90	44.0	32	44.0	-	4.5	PHP 6SPB132TB	
		140	3	2517	147.0	16	60	120	97	37.5	45	37.5	-	4.7	PHP 6SPB140TB	
		150	3	2517	157.0	16	60	120	107	37.5	45	37.5	-	6.5	PHP 6SPB150TB	
		160	3	3020	167.0	25	75	120	117	34.5	51	34.5	-	5.9	PHP 6SPB160TB	
		170	3	3020	177.0	25	75	120	127	34.5	51	34.5	-	7.6	PHP 6SPB170TB	
		180	3	3020	187.0	25	75	120	137	34.5	51	34.5	-	8.9	PHP 6SPB180TB	
		190	3	3020	197.0	25	75	120	147	34.5	51	34.5	-	10.2	PHP 6SPB190TB	
		200	3	3020	207.0	25	75	120	157	34.5	89	15.5	-	11.7	PHP 6SPB200TB	
		212	3	3535	219.0	35	90	120	169	15.5	89	15.5	-	13.2	PHP 6SPB212TB	
		224	3	3535	231.0	35	90	120	181	15.5	89	15.5	-	15.2	PHP 6SPB224TB	
		236	3	3535	243.0	35	90	120	193	15.5	89	15.5	-	17.6	PHP 6SPB236TB	
		250	3	3535	257.0	35	90	120	207	15.5	89	15.5	-	20.2	PHP 6SPB250TB	
		280	7	3535	287.0	35	90	120	237	15.5	89	15.5	191	23.5	PHP 6SPB280TB	
		300	5	3535	307.0	35	90	120	257	15.5	89	15.5	191	24.0	PHP 6SPB300TB	
		315	5	3535	322.0	35	90	120	272	15.5	89	15.5	191	24.1	PHP 6SPB315TB	
		335	5	3535	342.0	35	90	120	292	15.5	89	15.5	191	26.0	PHP 6SPB335TB	
		355	5	3535	362.0	35	90	120	312	15.5	89	15.5	191	28.3	PHP 6SPB355TB	
		400	5	3535	407.0	35	90	120	357	15.5	89	15.5	191	31.8	PHP 6SPB400TB	
		450	5	4040	457.0	40	100	120	407	-	102	18.0	191	35.3	PHP 6SPB450TB	
		500	5	4040	507.0	40	100	120	457	-	102	18.0	191	40.7	PHP 6SPB500TB	
		560	5	4040	567.0	40	100	120	517	-	102	18.0	191	49.2	PHP 6SPB560TB	

Wedge belt pulleys
SPB taper bushed | SPC taper bushed



Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Type1	Type3	Type4	Type5	Type6					Mass 1	Designation
					Dimensions										
					outer diameter OD	B min	Max.	F	G	K	L	M	H		
-	-	mm	-	-	mm									kg	-
SPB	6	630	5	4040	637.0	40	100	120	587	-	102	18.0	191	53.5	PHP 6SPB630TB
		710	5	4040	717.0	40	100	120	664	9.0	102	9.0	240	69.0	PHP 6SPB710TB
		800	5	4545	807.0	55	110	120	754	3.0	114	3.0	240	84.5	PHP 6SPB800TB
		900	5	4545	907.0	55	110	120	854	3.0	114	3.0	240	94.5	PHP 6SPB900TB
		1000	5	4545	1007.0	55	110	120	954	3.0	114	3.0	240	104.0	PHP 6SPB1000TB
		1250	5	4545	1257.0	55	110	120	1204	3.0	127	3.0	240	210.0	PHP 6SPB1250TB
SPB	8	140	3	2517	147.0	16	60	158	97	56.5	45	56.5	-	6.8	PHP 8SPB140TB
		160	3	3020	167.0	25	75	158	117	53.5	51	53.5	-	8.3	PHP 8SPB160TB
		170	3	3030	177.0	35	75	158	127	41.0	76	41.0	-	9.5	PHP 8SPB170TB
		180	3	3030	187.0	35	75	158	137	41.0	76	41.0	-	10.8	PHP 8SPB180TB
		190	3	3030	197.0	35	75	158	147	41.0	76	41.0	-	12.3	PHP 8SPB190TB
		200	3	3535	207.0	35	90	158	157	34.5	89	34.5	-	13.7	PHP 8SPB200TB
		212	3	3535	219.0	35	90	158	169	34.5	89	34.5	-	15.8	PHP 8SPB212TB
		224	3	3535	231.0	35	90	158	181	34.5	89	34.5	-	17.9	PHP 8SPB224TB
		236	3	3535	243.0	35	90	158	193	34.5	89	34.5	-	20.0	PHP 8SPB236TB
		250	3	3535	257.0	35	90	158	207	34.5	89	34.5	-	23.2	PHP 8SPB250TB
		280	7	3535	287.0	35	90	158	237	34.5	89	34.5	-	26.6	PHP 8SPB280TB
		300	7	3535	307.0	35	90	158	257	34.5	89	34.5	170	27.3	PHP 8SPB300TB
		315	7	3535	322.0	35	90	158	272	34.5	89	34.5	170	28.0	PHP 8SPB315TB
		335	7	3535	342.0	35	90	158	292	34.5	89	34.5	170	0.5	PHP 8SPB335TB
		355	7	3535	362.0	35	90	158	312	34.5	89	34.5	170	31.5	PHP 8SPB355TB
		400	5	4040	407.0	40	100	158	357	28.0	102	28.0	200	43.0	PHP 8SPB400TB
		450	5	4040	457.0	40	100	158	407	28.0	102	28.0	200	46.0	PHP 8SPB450TB
		500	5	4040	507.0	40	100	158	457	28.0	102	28.0	200	52.0	PHP 8SPB500TB
		560	5	4545	567.0	55	110	158	517	22.0	114	22.0	225	54.5	PHP 8SPB560TB
		630	5	4545	637.0	55	110	158	587	22.0	114	22.0	225	67.0	PHP 8SPB630TB
		710	5	4545	717.0	55	110	158	664	22.0	114	22.0	225	75.5	PHP 8SPB710TB
		800	5	4545	807.0	55	110	158	754	22.0	114	22.0	225	94.5	PHP 8SPB800TB
		900	5	4545	907.0	55	110	158	854	22.0	114	22.0	225	113.5	PHP 8SPB900TB
		1000	5	5050	1007.0	70	125	158	954	15.5	127	15.5	245	121.5	PHP 8SPB1000TB
		1250	5	5050	1257.0	70	125	158	1204	15.5	127	15.5	245	242.0	PHP 8SPB1250TB
SPB	10	224	3	3535	231.0	35	90	196	181	53.5	89	53.5	-	20.5	PHP 10SPB224TB
		236	3	3535	243.0	35	90	196	193	53.5	89	53.5	-	22.6	PHP 10SPB236TB
		250	3	3535	257.0	35	90	196	207	53.5	89	53.5	-	26.6	PHP 10SPB250TB
		280	6	3535	287.0	35	90	196	237	53.5	89	53.5	-	27.8	PHP 10SPB280TB
		315	7	3535	322.0	35	90	196	272	53.5	89	53.5	170	28.8	PHP 10SPB315TB
		335	5	4040	342.0	40	100	196	292	47.0	102	47.0	200	32.0	PHP 10SPB335TB
		355	5	4040	362.0	40	100	196	312	47.0	102	47.0	200	33.5	PHP 10SPB355TB
		400	5	4040	407.0	40	100	196	357	47.0	102	47.0	200	36.0	PHP 10SPB400TB
		450	5	4545	457.0	55	110	196	407	41.0	114	41.0	225	47.0	PHP 10SPB450TB
		500	5	4545	507.0	55	110	196	457	41.0	114	41.0	225	55.0	PHP 10SPB500TB
		560	5	4545	567.0	55	110	196	517	41.0	114	41.0	225	59.0	PHP 10SPB560TB
		630	5	4545	637.0	55	110	196	587	41.0	114	41.0	225	66.0	PHP 10SPB630TB
		710	5	4545	717.0	55	125	196	664	41.0	114	41.0	225	75.0	PHP 10SPB710TB
		800	5	4545	807.0	55	125	196	754	41.0	114	41.0	225	96.0	PHP 10SPB800TB
		900	5	5050	907.0	70	125	196	854	34.5	127	34.5	245	119.0	PHP 10SPB900TB
		1000	5	5050	1007.0	70	125	196	954	34.5	127	34.5	245	141.0	PHP 10SPB1000TB
		1250	5	5050	1257.0	70	125	196	1203	35.0	127	-	-	265.0	PHP 10SPB1250TB
SPC	3	200	3	2517	209.6	16	60	85	150	20.0	45	20.0	-	10.2	PHP 3SPC200TB
		212	3	3020	221.6	25	75	85	162	17.0	51	17.0	-	11.2	PHP 3SPC212TB
		224	3	3020	233.6	25	75	85	173	17.0	51	17.0	-	12.7	PHP 3SPC224TB
		236	3	3020	245.6	25	75	85	185	17.0	51	17.0	-	14.4	PHP 3SPC236TB
		250	3	3020	259.6	25	75	85	194	17.0	51	17.0	-	16.5	PHP 3SPC250TB

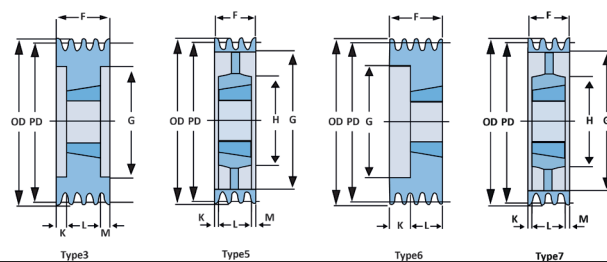
Wedge belt pulleys
SPC taper bushed



Type7

Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Dimensions								Mass 1	Designation	
		PD			outer diameter OD			B min	Max.	F	G	K			L
-	-	mm	-	-	mm									kg	-
SPC	3	265	1	3535	274.6	35	90	85	-	-	89	4.0	170	19.7	PHP 3SPC265TB
		280	1	3535	289.6	35	90	85	-	-	89	4.0	170	22.7	PHP 3SPC280TB
		300	4	3535	309.6	35	90	85	249	2.0	89	2.0	170	22.7	PHP 3SPC300TB
		315	7	3535	324.6	35	90	85	264	2.0	89	2.0	170	22.0	PHP 3SPC315TB
		335	4	3535	344.6	35	90	85	284	2.0	89	2.0	170	24.1	PHP 3SPC335TB
		355	4	3535	364.6	35	90	85	304	2.0	89	2.0	170	26.2	PHP 3SPC355TB
		375	4	3535	384.6	35	90	85	324	2.0	89	2.0	170	28.0	PHP 3SPC375TB
		400	4	3535	409.6	35	90	85	344	2.0	89	2.0	170	29.3	PHP 3SPC400TB
		425	4	3535	434.6	35	90	85	369	2.0	89	2.0	170	32.8	PHP 3SPC425TB
		450	4	3535	459.6	35	90	85	394	2.0	89	2.0	170	34.7	PHP 3SPC450TB
		475	4	3535	484.6	35	90	85	419	2.0	89	2.0	170	36.5	PHP 3SPC475TB
		500	4	3535	509.6	35	90	85	444	2.0	89	2.0	170	40.0	PHP 3SPC500TB
		530	4	3535	539.6	35	90	85	474	2.0	89	2.0	170	42.5	PHP 3SPC530TB
		560	4	3535	569.6	35	90	85	504	2.0	89	2.0	170	45.9	PHP 3SPC560TB
		630	4	4040	639.6	40	100	85	574	8.5	102	8.5	200	76.3	PHP 3SPC630TB
		710	4	4040	719.6	70	100	85	654	8.5	102	8.5	200	81.6	PHP 3SPC710TB
		800	4	4545	809.6	55	110	85	737	14.5	114	14.5	225	87.0	PHP 3SPC800TB
		1000	4	5050	1009.6	70	125	85	937	21.0	127	21.0	245	120.0	PHP 3SPC1000TB
		1250	4	5050	1259.6	70	125	85	1187	21.0	127	21.0	245	175.0	PHP 3SPC1250TB
SPC	4	200	3	3020	209.6	25	75	111	144	30.0	51	30.0	-	11.3	PHP 4SPC200TB
		212	3	3020	221.6	25	75	111	156	30.0	51	30.0	-	13.0	PHP 4SPC212TB
		224	3	3535	233.6	35	90	111	168	11.0	89	11.0	-	14.5	PHP 4SPC224TB
		236	3	3535	245.6	35	90	111	180	11.0	89	11.0	-	16.7	PHP 4SPC236TB
		250	3	3535	259.6	35	90	111	194	11.0	89	11.0	-	19.3	PHP 4SPC250TB
		265	3	3535	274.6	35	90	111	209	11.0	89	11.0	-	22.4	PHP 4SPC265TB
		280	7	3535	289.6	35	90	111	224	11.0	89	11.0	-	25.4	PHP 4SPC280TB
		300	5	3535	309.6	35	90	111	244	11.0	89	11.0	170	25.4	PHP 4SPC300TB
		315	5	3535	324.6	35	90	111	259	11.0	89	11.0	170	25.3	PHP 4SPC315TB
		335	5	3535	344.6	35	90	111	279	11.0	89	11.0	170	27.4	PHP 4SPC335TB
		355	5	3535	364.6	35	90	111	299	11.0	89	11.0	170	29.6	PHP 4SPC355TB
		375	5	3535	384.6	35	90	111	319	11.0	89	11.0	170	31.3	PHP 4SPC375TB
		400	5	3535	409.6	35	90	111	344	11.0	89	11.0	170	33.8	PHP 4SPC400TB
		425	5	3535	434.6	35	90	111	369	11.0	89	11.0	170	38.0	PHP 4SPC425TB
		450	5	3535	459.6	35	90	111	394	11.0	89	11.0	170	41.3	PHP 4SPC450TB
		475	5	3535	484.6	35	90	111	419	11.0	89	11.0	170	43.7	PHP 4SPC475TB
		500	5	3535	509.6	35	90	111	444	11.0	89	11.0	170	46.0	PHP 4SPC500TB
		530	5	4040	539.6	40	100	111	474	4.5	102	4.5	170	52.0	PHP 4SPC530TB
		560	5	4040	569.6	40	100	111	504	4.5	102	4.5	200	58.0	PHP 4SPC560TB
		630	4	4545	639.6	55	110	111	574	1.5	114	1.5	225	63.8	PHP 4SPC630TB
SPC	5	710	4	5050	719.6	70	125	111	654	8.0	127	8.0	267	83.2	PHP 4SPC710TB
		800	4	5050	809.6	70	125	111	737	8.0	127	8.0	267	102.5	PHP 4SPC800TB
		1000	4	5050	1009.6	70	125	111	937	8.0	127	8.0	267	130.0	PHP 4SPC1000TB
		1250	4	5050	1259.6	70	125	111	1187	8.0	127	8.0	267	186.0	PHP 4SPC1250TB
		200	3	3535	209.6	35	90	136	150	23.5	89	23.5	-	12.2	PHP 5SPC200TB
		212	3	3535	221.6	35	90	136	160	23.5	89	23.5	-	14.5	PHP 5SPC212TB
		224	3	3535	233.6	35	90	136	173	23.5	89	23.5	-	16.6	PHP 5SPC224TB
		236	3	3535	245.6	35	90	136	185	23.5	89	23.5	-	18.9	PHP 5SPC236TB
		250	3	3535	259.6	35	90	136	198	23.5	89	23.5	-	21.5	PHP 5SPC250TB
		265	3	3535	274.6	35	90	136	213	23.5	89	23.5	-	25.0	PHP 5SPC265TB
		280	3	3535	289.6	35	90	136	228	23.5	89	23.5	-	28.4	PHP 5SPC280TB
		300	7	3535	309.6	35	90	136	247	23.5	89	23.5	170	28.2	PHP 5SPC300TB
		315	5	3535	324.6	35	90	136	264	23.5	89	23.5	170	28.1	PHP 5SPC315TB
		335	5	3535	344.6	35	90	136	280	23.5	89	23.5	170	31.1	PHP 5SPC335TB

Wedge belt pulleys
SPC taper bushed

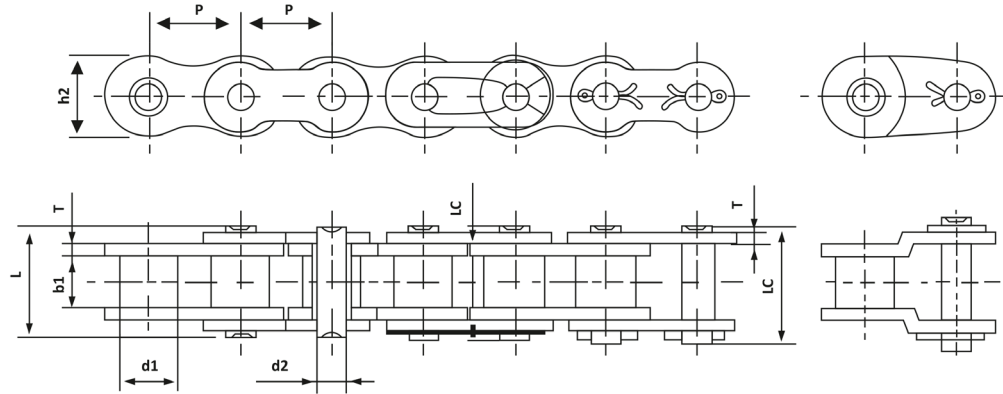


Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Dimensions			Type							Mass 1	Designation
		PD			outer diameter OD	B min	Max.	F	G	K	L	M	H			
-	-	mm	-	-	mm										kg	-
SPC	5	355	5	3535	364.6	35	90	136	304	23.5	89	23.5	170	33.1	PHP 5SPC355TB	
		375	5	3535	384.6	35	90	136	324	23.5	89	23.5	170	35.6	PHP 5SPC375TB	
		400	5	3535	409.6	35	90	136	344	23.5	89	23.5	170	38.5	PHP 5SPC400TB	
		425	5	3535	434.6	35	90	136	369	23.5	89	23.5	170	42.5	PHP 5SPC425TB	
		450	5	4040	459.6	40	100	136	394	17.0	102	17.0	200	44.3	PHP 5SPC450TB	
		475	5	4040	484.6	40	100	136	419	17.0	102	17.0	200	48.5	PHP 5SPC475TB	
		500	5	4040	509.6	40	100	136	444	17.0	102	17.0	200	51.0	PHP 5SPC500TB	
		530	5	4545	539.6	55	110	136	474	11.0	102	11.0	200	66.0	PHP 5SPC530TB	
		560	5	4545	569.6	55	110	136	504	11.0	114	11.0	200	66.7	PHP 5SPC560TB	
		630	5	5050	639.6	70	125	136	574	4.5	127	4.5	245	73.0	PHP 5SPC630TB	
		710	5	5050	719.6	70	125	136	654	4.5	127	4.5	245	93.0	PHP 5SPC710TB	
		800	5	5050	809.6	70	125	136	737	4.5	127	4.5	245	119.0	PHP 5SPC800TB	
		1000	5	5050	1009.6	70	125	136	937	4.5	127	4.5	245	147.0	PHP 5SPC1000TB	
		1250	5	5050	1259.6	70	125	136	1187	4.5	127	4.5	245	210.0	PHP 5SPC1250TB	
SPC	6	200	3	3535	209.6	35	90	162	148	36.5	89	36.5	-	14.1	PHP 6SPC200TB	
		212	3	3535	221.6	35	90	162	160	36.5	89	36.5	-	16.5	PHP 6SPC212TB	
		224	3	3535	233.6	35	90	162	173	36.5	89	36.5	-	18.0	PHP 6SPC224TB	
		236	3	3535	245.6	35	90	162	185	36.5	89	36.5	-	21.3	PHP 6SPC236TB	
		250	3	3535	259.6	35	90	162	198	36.5	89	36.5	-	29.0	PHP 6SPC250TB	
		265	3	3535	274.6	35	90	162	213	36.5	89	36.5	-	30.3	PHP 6SPC265TB	
		280	7	3535	289.6	35	90	162	228	36.5	89	36.5	-	31.5	PHP 6SPC280TB	
		300	7	3535	309.6	35	90	162	247	36.5	89	36.5	170	31.5	PHP 6SPC300TB	
		315	5	3535	324.6	35	90	162	264	36.5	89	36.5	170	33.2	PHP 6SPC315TB	
		335	5	3535	344.6	35	90	162	280	36.5	89	36.5	170	37.5	PHP 6SPC335TB	
		355	5	3535	364.6	35	90	162	304	36.5	89	36.5	170	40.5	PHP 6SPC355TB	
		375	5	4040	384.6	40	100	162	324	30.0	102	30.0	200	44.5	PHP 6SPC375TB	
		400	5	4040	409.6	40	100	162	348	30.0	102	30.0	200	48.0	PHP 6SPC400TB	
		425	5	4040	434.6	40	100	162	369	30.0	102	30.0	225	51.0	PHP 6SPC425TB	
		450	7	4545	459.6	55	100	162	394	24.0	114	24.0	225	57.5	PHP 6SPC450TB	
		475	5	4545	484.6	55	110	162	419	24.0	114	24.0	225	62.0	PHP 6SPC475TB	
		500	5	4545	509.6	55	110	162	444	24.0	114	24.0	225	67.0	PHP 6SPC500TB	
		530	5	5050	539.6	70	110	162	474	17.5	114	17.5	245	74.5	PHP 6SPC530TB	
		560	5	5050	569.6	70	125	162	504	17.5	127	17.5	245	77.5	PHP 6SPC560TB	
		630	5	5050	639.6	70	125	162	574	17.5	127	17.5	245	88.5	PHP 6SPC630TB	
		710	5	5050	719.6	70	125	162	654	17.5	127	17.5	245	107.3	PHP 6SPC710TB	
		800	5	5050	809.6	70	125	162	737	17.5	127	17.5	245	126.0	PHP 6SPC800TB	
		1000	5	5050	1009.6	70	125	162	937	17.5	127	17.5	245	185.0	PHP 6SPC1000TB	
		1250	5	5050	1259.6	70	125	162	1187	17.5	127	17.5	245	258.0	PHP 6SPC1250TB	
SPC	8	200	3	3535	209.6	35	90	213	148	62.0	89	62.0	-	20.0	PHP 8SPC200TB	
		212	3	3535	221.6	35	90	213	160	62.0	89	62.0	-	21.3	PHP 8SPC212TB	
		224	3	3535	233.6	35	90	213	170	62.0	89	62.0	-	22.9	PHP 8SPC224TB	
		236	3	3535	245.6	35	90	213	184	62.0	89	62.0	-	25.9	PHP 8SPC236TB	
		250	3	3535	259.6	35	90	213	198	62.0	89	62.0	-	29.0	PHP 8SPC250TB	
		265	3	3535	274.6	35	90	213	213	62.0	89	62.0	-	32.5	PHP 8SPC265TB	
		280	3	3535	289.6	35	90	213	228	62.0	89	62.0	-	36.1	PHP 8SPC280TB	
		300	3	4040	309.6	40	100	213	207	55.5	102	55.5	-	37.1	PHP 8SPC300TB	
		315	3	4040	324.6	40	100	213	258	55.5	102	55.5	-	40.0	PHP 8SPC315TB	
		335	7	4040	344.6	40	100	213	280	55.5	102	55.5	210	44.0	PHP 8SPC335TB	
		355	5	4040	364.6	40	100	213	304	55.5	102	55.5	210	49.0	PHP 8SPC355TB	
		375	5	4545	384.6	55	110	213	324	49.5	114	49.5	242	54.5	PHP 8SPC375TB	
		400	5	4545	409.6	55	110	213	348	49.5	114	49.5	242	58.0	PHP 8SPC400TB	
		425	5	4545	434.6	55	110	213	369	49.5	114	49.5	242	63.5	PHP 8SPC425TB	
		450	5	5050	459.6	70	125	213	394	43.0	127	43.0	267	70.0	PHP 8SPC450TB	

Wedge belt pulleys SPC taper bushed

Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Dimensions									Mass 1	Designation
		PD			outer diameter OD	B min	Max.	F	G	K	L	M	H		
-	-	mm	-	-	mm									kg	-
SPC	8	475	5	5050	484.6	70	125	213	419	43.0	127	43.0	267	72.0	PHP 8SPC475TB
		500	5	5050	509.6	70	125	213	444	43.0	127	43.0	267	82.5	PHP 8SPC500TB
		530	5	5050	539.6	70	125	213	474	43.0	127	43.0	267	82.5	PHP 8SPC530TB
		560	5	5050	569.6	70	125	213	504	43.0	127	43.0	267	94.5	PHP 8SPC560TB
		630	5	5050	639.6	70	125	213	574	43.0	127	43.0	267	102.0	PHP 8SPC630TB
		710	5	5050	719.6	70	125	213	656	43.0	127	43.0	267	123.5	PHP 8SPC710TB
		800	5	5050	809.6	70	125	213	737	43.0	127	43.0	267	145.0	PHP 8SPC800TB
		1000	5	5050	1009.6	70	125	213	937	43.0	127	43.0	267	207.0	PHP 8SPC1000TB
		1250	5	5050	1259.6	70	125	213	1187	43.0	127	43.0	267	285.0	PHP 8SPC1250TB
SPC	10	224	3	4040	233.6	40	100	264	168	81.0	102	-	-	28.0	PHP 10SPC224TB
		236	3	4040	245.6	40	100	264	180	81.0	102	81.0	-	30.9	PHP 10SPC236TB
		250	3	4040	259.6	40	100	264	196	81.0	102	81.0	-	35.0	PHP 10SPC250TB
		265	3	4040	274.6	40	100	264	209	81.0	102	81.0	-	39.5	PHP 10SPC265TB
		280	3	4040	289.6	40	100	264	226	81.0	102	81.0	-	42.1	PHP 10SPC280TB
		300	3	4545	309.6	55	110	264	245	75.0	114	75.0	-	44.1	PHP 10SPC300TB
		315	3	4545	324.6	55	110	264	258	75.0	114	75.0	-	47.0	PHP 10SPC315TB
		335	3	4545	344.6	55	110	264	279	75.0	114	75.0	-	51.0	PHP 10SPC335TB
		355	3	4545	364.6	55	110	264	299	75.0	114	75.0	-	57.0	PHP 10SPC355TB
		375	3	4545	384.6	55	110	264	319	68.5	127	68.5	245	62.5	PHP 10SPC375TB
		400	6	5050	409.6	70	125	264	342	68.5	127	68.5	245	66.0	PHP 10SPC400TB
		425	7	5050	434.6	70	125	264	369	68.5	127	68.5	245	70.5	PHP 10SPC425TB
		450	5	5050	459.6	70	125	264	394	68.5	127	68.5	245	78.0	PHP 10SPC450TB
		475	5	5050	484.6	70	125	264	419	68.5	127	68.5	245	82.0	PHP 10SPC475TB
		500	5	5050	509.6	70	125	264	444	68.5	127	68.5	245	95.5	PHP 10SPC500TB
		530	5	5050	539.6	70	125	264	474	68.5	127	68.5	245	106.0	PHP 10SPC530TB
		560	5	5050	569.6	70	125	264	504	68.5	127	68.5	245	94.7	PHP 10SPC560TB
		630	5	5050	639.6	70	125	264	574	68.5	127	68.5	245	113.2	PHP 10SPC630TB
		710	5	5050	719.6	70	125	264	654	68.5	127	68.5	245	133.5	PHP 10SPC710TB
		800	5	5050	809.6	70	125	264	737	68.5	127	68.5	245	160.5	PHP 10SPC800TB
		1000	5	5050	1009.6	70	125	264	937	68.5	127	68.5	245	227.5	PHP 10SPC1000TB
		1250	5	5050	1259.6	70	125	264	1187	68.5	127	68.5	245	300.0	PHP 10SPC1250TB

Simplex roller chains & bush chains

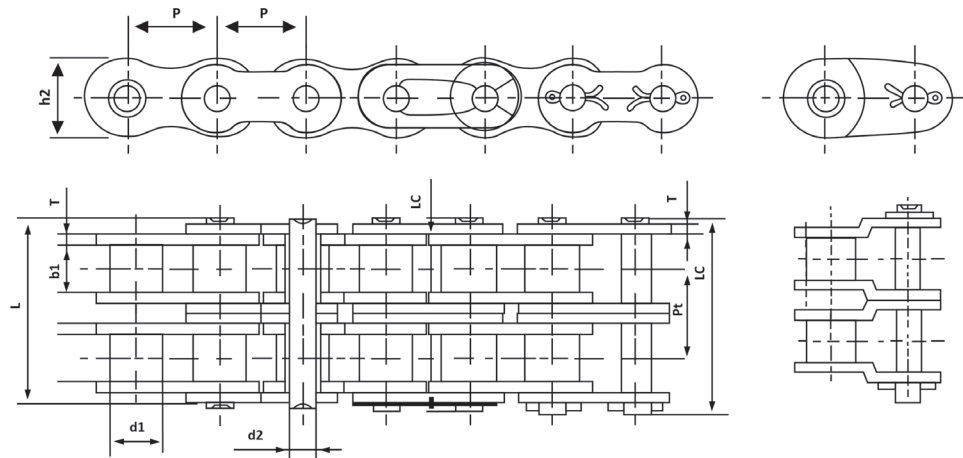


Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Tensile strength	Average tensile strength	weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
15	4.7625	2.48	2.38	1.62	6.10	6.90	4.30	0.60	1.80/409	2.0	0.08
* 25	6.3500	3.30	3.18	2.31	7.90	8.40	6.00	0.80	3.50/795	5.0	0.15
* 35	9.5250	5.08	4.77	3.58	12.40	13.17	9.00	1.30	7.90/1795	11.3	0.33
41	12.7000	7.77	6.25	3.58	13.75	15.00	9.91	1.30	6.67/1516	12.6	0.41
40	12.7000	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.10/3205	18.6	0.62
50	15.8750	10.16	9.40	5.08	20.70	22.20	15.09	2.03	22.20/5045	31.3	1.02
60	19.0500	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.80/7227	43.2	1.50
80	25.4000	15.88	15.75	7.92	32.70	35.00	24.00	3.25	56.70/12886	74.3	2.60
100	31.7500	19.05	18.90	9.53	40.40	44.70	30.00	4.00	88.50/20114	107.6	3.91
120	38.1000	22.23	25.22	11.10	50.30	54.30	35.70	4.80	127.00/28864	163.1	5.62
140	44.4500	25.40	25.22	12.70	54.40	59.00	41.00	5.60	172.40/39182	222.5	7.50
160	50.8000	28.58	31.55	14.27	64.80	69.60	47.80	6.40	226.80/51545	266.9	10.10
180	57.1500	35.71	35.48	17.46	72.80	78.60	53.60	7.20	280.20/63682	361.1	13.45
200	63.5000	39.68	37.85	19.85	80.30	87.20	60.00	8.00	353.80/80409	466.8	16.15
240	76.2000	47.63	47.35	23.81	95.50	103.00	72.39	9.50	510.30/115977	671.6	23.20

* Bush chain: d1 in the table indicates the external diameter of the bush.

Short pitch precision roller chains (A series)

Duplex roller chains & bush chains

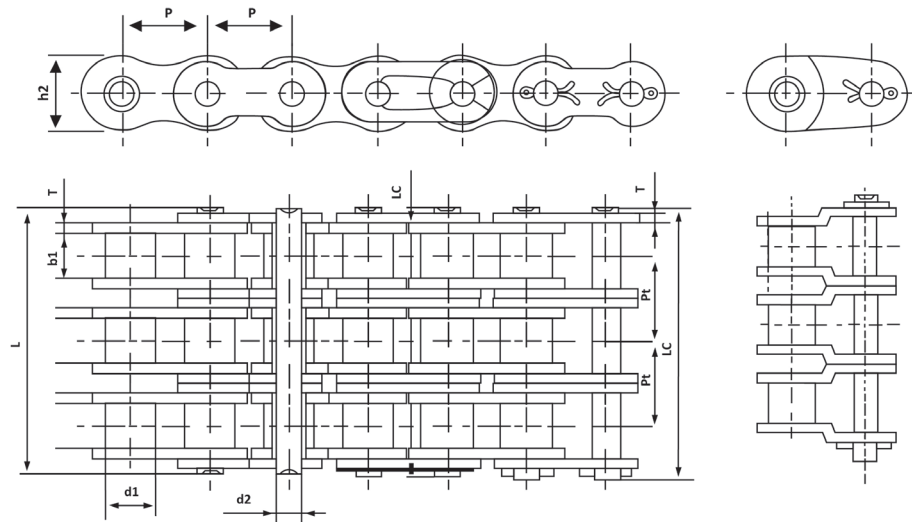


Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Tensile strength	Average tensile strength	weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
* 25-2	6.350	3.30	3.18	2.31	14.5	15.0	6.00	0.80	6.4	7.00/1591	10.0	0.28
* 35-2	9.525	5.08	4.77	3.58	22.5	23.3	9.00	1.30	10.13	15.80/3591	22.3	0.63
41-2	12.700	7.77	6.25	3.58	25.7	26.9	9.91	1.30	11.95	13.34/3032	16.9	0.81
40-2	12.700	7.95	7.85	3.96	31.0	32.2	12.00	1.50	14.38	28.20/6409	37.2	1.12
50-2	15.875	10.16	9.40	5.08	38.9	40.4	15.09	2.03	18.11	44.40/10091	62.6	2.00
60-2	19.050	11.91	12.57	5.94	48.8	50.5	18.00	2.42	22.78	63.60/14455	86.4	2.92
80-2	25.400	15.88	15.75	7.92	62.7	64.3	24.00	3.25	29.29	113.40/25773	148.6	5.15
100-2	31.750	19.05	18.90	9.53	76.4	80.5	30.00	4.00	35.76	177.00/40227	215.2	7.80
120-2	38.100	22.23	25.22	11.10	95.8	99.7	35.70	4.80	45.44	254.00/57727	326.2	11.70
140-2	44.450	25.40	25.22	12.70	103.3	107.9	41.00	5.60	48.87	344.80/78364	445.0	15.14
160-2	50.800	28.58	31.55	14.27	123.3	128.1	47.80	6.40	58.55	453.60/103091	533.8	20.14
180-2	57.150	35.71	35.48	17.46	138.6	144.4	53.60	7.20	65.84	560.50/127386	722.2	29.22
200-2	63.500	39.68	37.85	19.85	151.9	158.8	60.00	8.00	71.55	707.60/160818	933.6	32.24
240-2	76.200	47.63	47.35	23.81	183.4	190.8	72.39	9.50	87.83	1020.60/213955	1343.2	45.23

* Bush chain: d1 in the table indicates the external diameter of the bush.

Short pitch precision roller chains (A series)

Triplex roller chains & bush chains

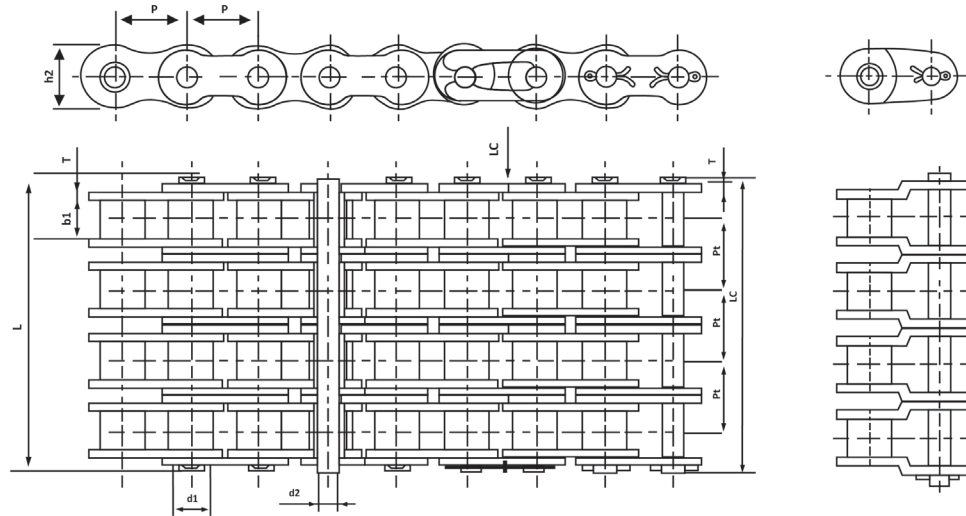


Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Tensile strength	Average tensile strength	weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
* 25-3	6.350	3.30	3.18	2.31	21.0	21.5	6.00	0.80	6.40	10.5/2386	15.0	0.44
* 35-3	9.525	5.08	4.77	3.58	32.7	33.5	9.00	1.30	10.13	23.7/5386	33.9	1.05
40-3	12.700	7.95	7.85	3.96	45.4	46.6	12.00	1.50	14.38	42.3/9614	55.8	1.90
50-3	15.875	10.16	9.40	5.08	57.0	58.5	15.09	2.03	18.11	66.6/15136	93.9	3.09
60-3	19.050	11.91	12.57	5.94	71.5	73.3	18.00	2.42	22.78	95.4/21682	129.6	4.54
80-3	25.400	15.88	15.75	7.92	91.7	93.6	24.00	3.25	29.29	170.1/38659	222.9	7.89
100-3	31.750	19.05	18.90	9.53	112.2	116.3	30.00	4.00	35.76	265.5/60341	322.8	11.77
120-3	38.100	22.23	25.22	11.10	141.4	145.2	35.70	4.8	45.44	381.0/86591	489.3	17.53
140-3	44.450	25.40	25.22	12.70	152.2	156.8	41.00	5.60	48.87	517.2/117545	667.5	22.20
160-3	50.800	28.58	31.55	14.27	181.8	186.6	47.80	6.40	58.55	680.4/154636	800.7	30.02
180-3	57.150	35.71	35.48	17.46	204.4	210.2	53.60	7.20	65.84	840.7/191068	1083.3	38.22
200-3	63.500	39.68	37.85	19.85	223.5	230.4	60.00	8.00	71.55	1061.4/241227	1400.4	49.03
240-3	76.200	47.63	47.35	23.81	271.3	278.6	72.39	9.50	87.83	1530.9/347932	2014.8	71.60

* Bush chain: d1 in the table indicates the external diameter of the bush.

Short pitch precision roller chains (A series)

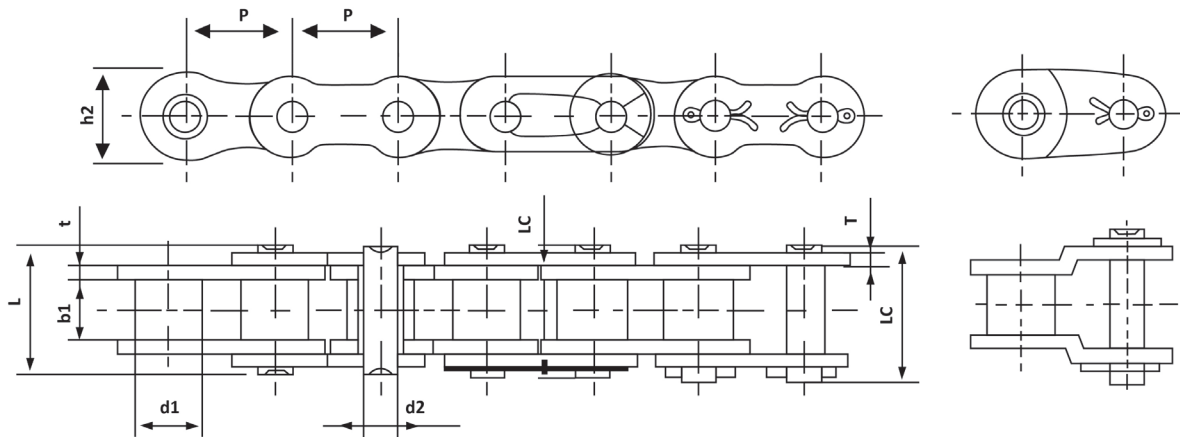
Multiple roller chains & bush chains



Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Tensile strength	Average tensile strength	weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
40-4	12.700	7.95	7.85	3.96	59.8	61.0	12.00	1.50	14.38	56.4/12687	62.04	2.57
50-4	15.875	10.16	9.40	5.08	75.1	76.6	15.09	2.03	18.11	88.8/19976	97.68	4.30
60-4	19.050	11.91	12.57	5.94	94.4	96.1	18.00	2.42	22.78	127.2/28614	139.92	6.21
80-4	25.400	15.88	15.75	7.92	121.0	124.4	24.00	3.25	29.29	226.8/51020	249.48	10.37
100-4	31.750	19.05	18.90	9.53	147.8	152.1	30.00	4.00	35.76	354.0/79635	389.40	15.60
120-4	38.100	22.23	25.22	11.10	187.0	190.8	35.70	4.80	45.44	508.0/114278	558.80	23.56
40-5	12.700	7.95	7.85	3.96	74.2	75.4	12.00	1.50	14.38	70.5/15859	77.55	3.19
50-5	15.875	10.16	9.40	5.08	93.2	94.7	15.09	2.03	18.11	111.0/24970	122.10	5.37
60-5	19.050	11.91	12.57	5.94	117.0	118.8	18.00	2.42	22.78	159.0/35768	174.90	7.75
80-5	25.400	15.88	15.75	7.92	149.9	153.7	24.00	3.25	29.29	283.5/63775	311.85	12.96
100-5	31.750	19.05	18.90	9.53	183.6	187.9	30.00	4.00	35.76	442.5/99543	486.75	19.46
120-5	38.100	22.23	25.22	11.10	232.3	236.1	35.70	4.80	45.44	635.0/142848	698.50	29.40
40-6	12.700	7.95	7.85	3.96	88.5	89.8	12.00	1.50	14.38	84.6/19031	93.06	3.83
50-6	15.875	10.16	9.40	5.08	111.3	112.8	15.09	2.03	18.11	133.2/29964	146.52	6.43
60-6	19.050	11.91	12.57	5.94	139.8	141.8	18.00	2.42	22.78	190.8/42921	209.80	9.31
80-6	25.400	15.88	15.75	7.92	179.2	183.0	24.00	3.25	29.29	340.2/76530	374.22	15.50
100-6	31.750	19.05	18.90	9.53	219.4	223.7	30.00	4.00	35.76	531.0/119452	584.10	23.36
120-6	38.100	22.23	25.22	11.10	278.0	282.0	35.70	4.80	45.44	762.0/171417	838.20	35.30
40-8	12.700	7.95	7.85	3.96	117.3	118.5	12.00	1.50	14.38	112.8/25375	124.08	5.11
50-8	15.875	10.16	9.40	5.08	147.5	149.0	15.09	2.03	18.11	177.6/39952	195.36	8.59
60-8	19.050	11.91	12.57	5.94	185.8	187.6	18.00	2.42	22.78	254.4/57229	279.84	12.37
80-8	25.400	15.88	15.75	7.92	237.8	241.6	24.00	3.25	29.29	453.6/102040	498.96	20.67
100-8	31.750	19.05	18.90	9.53	290.8	295.1	30.00	4.00	35.76	708.0/159270	778.80	31.14
120-8	31.800	22.23	25.22	11.10	368.8	372.8	35.70	4.80	45.44	1016.0/228557	1176.00	47.07

Short pitch precision roller chains (B series)

Simplex roller chains

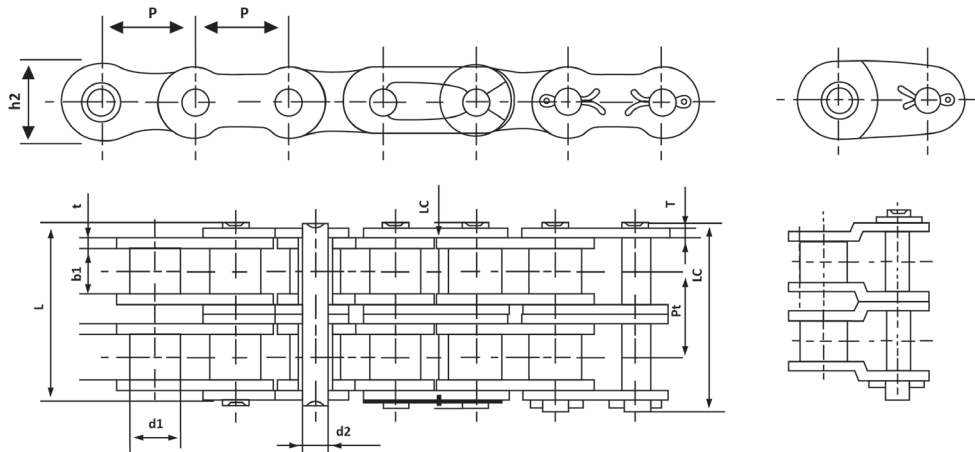


Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Tensile strength	Average tensile strength	weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
04	6.000	4.00	2.80	1.85	6.80	7.8	5.00	0.60	3.0/682	3.2	0.11
05B-1	8.000	5.00	3.00	2.31	8.20	8.9	7.10	0.80	5.0/1136	5.9	0.20
* 06B-1	9.525	6.35	5.72	3.28	13.15	14.1	8.20	1.30	9.0/2045	10.4	0.41
08B-1	12.700	8.51	7.75	4.45	16.70	18.2	11.80	1.60	18.0/4091	19.4	0.69
10B-1	15.875	10.16	9.65	5.08	19.50	20.9	14.70	1.70	22.4/5091	27.5	0.93
12B-1	19.050	12.07	11.68	5.72	22.50	24.2	16.00	1.85	29.0/6591	32.2	1.15
16B-1	25.400	15.88	17.02	8.28	36.10	37.4	21.00	4.15/3.1	60.0/13636	77.1	2.71
20B-1	31.750	19.05	19.56	10.19	41.30	45.0	26.40	4.50/3.5	95.0/21591	112.8	3.70
24B-1	38.100	25.40	25.40	14.63	53.40	57.8	33.20	6.00/4.8	160.0/36364	178.0	7.10
28B-1	44.450	27.94	30.99	15.90	65.10	69.5	36.70	7.50/6.0	200.0/45455	236.4	8.50
32B-1	50.800	29.21	30.99	17.81	66.00	71.0	42.00	7.00/6.0	250.0/56818	277.5	10.25
40B-1	63.500	39.37	38.10	22.89	82.20	89.2	52.96	8.50/8.0	355.0/80682	394.0	16.35
48B-1	76.200	48.26	45.72	29.24	99.10	107.0	63.80	12.00/10.0	560.0/127272	621.6	25.00
56B-1	88.900	53.98	53.34	34.32	114.6	123.0	77.80	13.50/12.0	850.0/193180	940.0	35.78
64B-1	101.600	63.50	60.96	39.40	130.0	138.5	90.17	15.00/13.0	112.0/254544	1240.0	46.00
72B-1	114.300	72.39	68.58	44.48	147.4	156.4	103.60	17.00/15.0	1400.0/318180	1550.0	60.80

* Straight side plate

Short pitch precision roller chains (B series)

Duplex roller chains

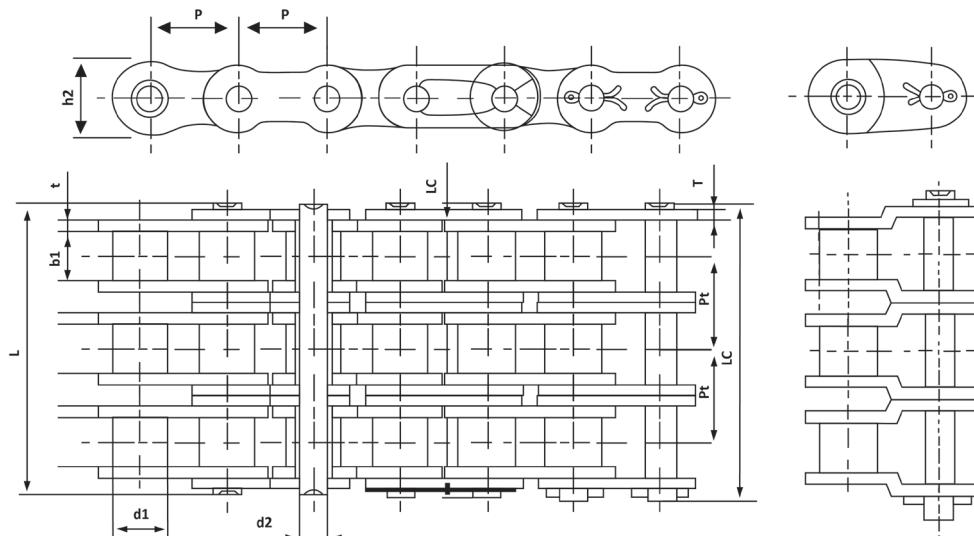


Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Tensile strength	Average tensile strength	weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
05B-2	8000	5.00	3.00	2.31	13.9	14.5	7.10	0.80	5.64	7.8/1773	10.2	0.33
*06B-2	9.525	6.35	5.72	3.28	23.4	24.4	8.20	1.30	10.24	16.9/3841	18.7	0.77
08B-2	12.700	8.51	7.75	4.45	31.0	32.2	11.80	1.60	13.92	32.0/7273	38.7	1.34
10B-2	15.875	10.16	9.65	5.08	36.1	37.5	14.70	1.70	16.59	44.5/10114	56.2	1.84
12B-2	19.050	12.07	11.68	5.72	42.0	43.6	16.00	1.85	19.46	57.8/13136	66.1	2.31
16B-2	25.400	15.88	17.02	8.28	68.0	69.3	21.00	4.15/3.1	31.88	106.0/24091	152.1	5.42
20B-2	31.750	19.05	19.56	10.19	77.8	81.5	26.40	4.50/3.5	36.45	170.0/38636	229.0	7.20
24B-2	38.100	25.40	25.40	14.63	101.7	106.2	33.20	6.00/4.8	48.36	280.0/63636	319.2	13.40
28B-2	44.450	27.94	30.99	15.90	124.6	129.1	36.70	7.50/6.0	59.56	360.0/81818	406.8	16.60
32B-2	50.800	29.21	30.99	17.81	124.6	129.6	42.00	7.00/6.0	58.55	450.0/102273	508.5	21.00
40B-2	63.500	39.37	38.10	22.89	154.5	161.5	52.96	8.50/8.0	72.29	630.0/143182	711.9	32.00
48B-2	76.200	48.26	45.72	29.24	190.4	198.2	63.80	12.00/10.0	91.21	1000.0/227272	1130.0	50.00
56B-2	88.900	53.98	53.34	34.32	221.2	229.6	77.80	13.50/12.0	106.60	1600.0/363635	1760.0	71.48
64B-2	101.600	63.50	60.96	39.40	249.9	258.4	90.17	15.00/13.0	119.89	2000.0/454544	2200.0	91.00
72B-2	114.300	72.39	68.58	44.48	283.7	292.7	103.60	17.00/15.0	136.27	2500.0/568180	2750.0	120.40

* Straight side plate

Short pitch precision roller chains (B series)

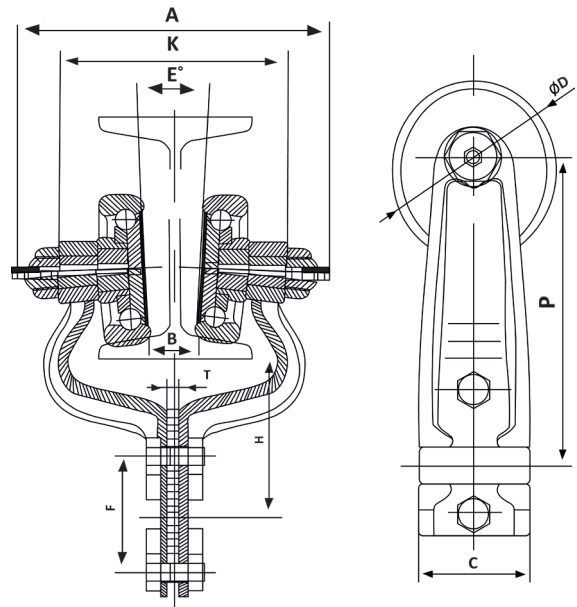
Triplex roller chains



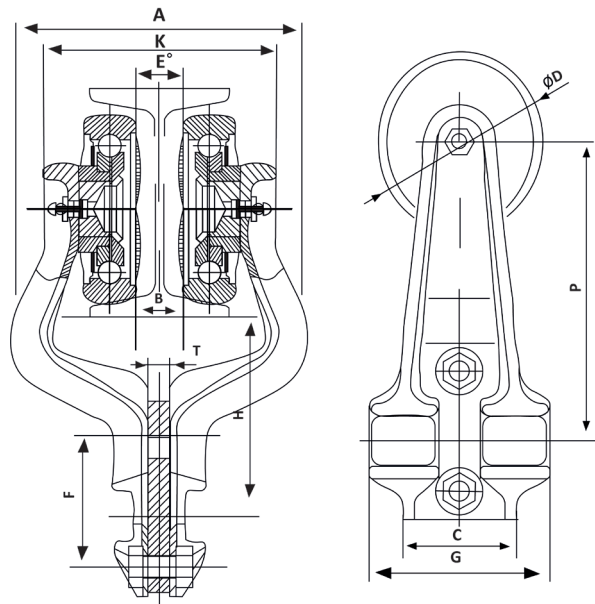
Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Tensile strength	Average tensile strength	weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
* 05B-3	8.00	5.00	3.00	2.31	19.5	20.2	7.10	0.80	5.64	11.1/2523	13.8	0.48
* 06B-3	9.525	6.35	5.72	3.28	33.5	34.6	8.20	1.30	10.24	24.9/5659	30.1	1.16
08B-3	12.70	8.51	7.75	4.45	45.1	46.1	11.80	1.60	13.92	47.5/10795	57.8	2.03
10B-3	15.875	10.16	9.65	5.08	52.7	54.1	14.70	1.70	16.59	66.7/15159	84.5	2.77
12B-3	19.05	12.07	11.68	5.72	61.5	63.1	16.00	1.85	19.46	86.7/19705	101.8	3.46
16B-3	25.40	15.88	17.02	8.28	99.8	101.2	21.00	4.15/3.1	31.88	160.0/36364	227.1	8.13
20B-3	31.75	19.05	19.56	10.19	114.2	117.9	26.40	4.5/3.5	36.45	250.0/56818	334.3	10.82
24B-3	38.10	25.40	25.40	14.63	150.1	154.6	33.20	6.0/4.8	48.36	425.0/96591	493.0	20.10
28B-3	44.45	27.94	30.99	15.90	184.2	188.7	36.70	7.5/6.0	59.56	530.0/120454	609.5	24.92
32B-	50.80	29.21	30.99	17.81	183.2	188.2	42.00	7.0/6.0	58.55	670.0/152273	770.5	31.56
40B-3	63.50	39.37	38.10	22.89	226.8	233.8	52.96	8.5/8.0	72.29	950.0/215909	1092.5	48.10
48B-3	76.20	48.26	45.72	29.24	281.6	289.4	63.80	12.0/10.0	91.21	1500.0/340909	1710.0	75.00
56B-3	88.90	53.98	53.34	34.32	327.8	336.2	77.80	13.5/12.0	106.6	2240.0/545450	2464.0	107.18
64B-3	101.60	63.50	60.96	39.40	369.8	378.3	90.17	15.0/13.0	119.89	3000.0/681820	3300.0	136.00
72B-3	114.30	72.39	68.58	44.48	420.0	429.0	103.60	17.0/15.0	136.27	3750.0/852270	4125.0	180.00

* Straight side plate

Drop-forged trolley

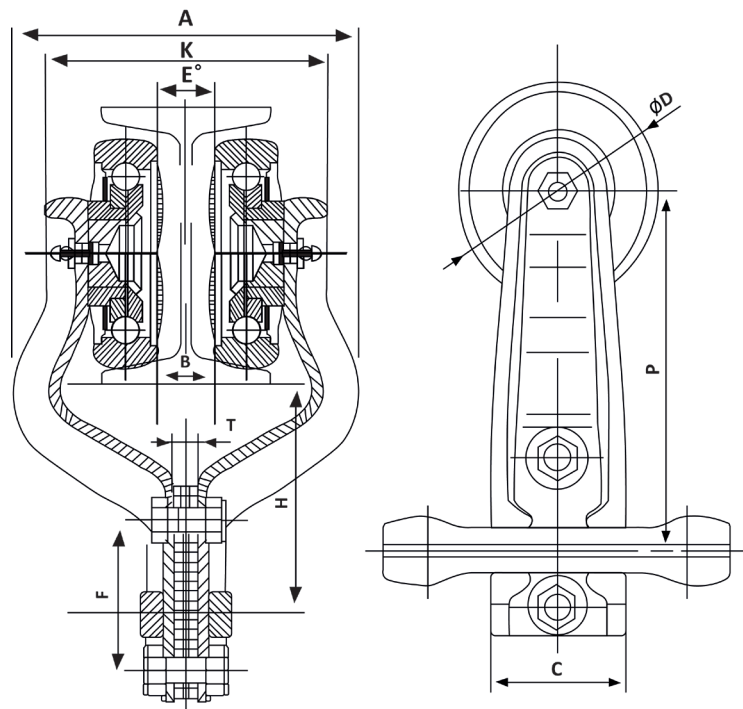


Chain No.	Dimensions											Weight
	P	H	A	K	E	F	B	T	C	G	D	
	mm	mm	mm	mm	°	mm	mm	mm	mm	mm	mm	
S348	100.0	65.8	143.0	104.0	3	47.8	22.0	6.0	40	/	60	1.5



Chain No.	Dimensions											Weight
	P	H	A	K	E	F	B	T	C	G	D	
	mm	mm	mm	mm	°	mm	mm	mm	mm	mm	mm	
678	136.0	89.0	146.0	114.0	4	54.0	18.0	10.0	86.0	54	82.00	3.6

Drop-forged trolley



Chain No.	Dimensions										Weight
	P	H	A	K	E	F	B	T	C	D	
	mm	mm	mm	mm	°	mm	mm	mm	mm	mm	Kg/Set
X348-1	100.0	64.0	102.0	84.0	4	47.8	14.0	6.0	40.0	60.0	1.30
X348-2	100.0	63.5	122.0	94.0	6	48.0	18.0	6.0	40.0	60.0	1.30
X458-1	130.0	83.0	18.0	113.0	4	544.0	18.0	10.0	54.0	82.0	3.00
X458-2	128.5	82.5	131.0	109.0	4	54.0	20.0	10.0	54.0	80.0	3.00
X458-3	150.0	103.0	138.0	106.0	4	54.0	18.0	10.0	54.0	82.0	3.20
X678	170.0	102.0	171.0	145.0	4	70.0	24.0	12.7	85.0	120.0	7.40
XT100	130.0	83.0	138.0	113.0	4	54.0	18.0	10.0	54.0	82.0	3.00
XT160	171.0	103.0	180.0	140.0	6	70.0	26.0	16.0	84.0	120	8.80

Material cast + powder metal



Rotex Sintered steel (Sint)																			
Size	Compo- nent	Spider4(part2) Rated torque [Nm]		Dimensions [mm]															
				Finish bore d	General										Thread for setscrew				
		92 Sh-A	98 Sh-A		L	1 : 2	E	b	s	DH	dH	D	N	G	t	TA[Nm]			
14	1a	7.5	12.5	ungeb: 8,10,11,12,14,15,16				35	11	13	10	1.5	30	10	30	M4	5	1.5	1.5
19	1a	10	17	ungeb: 14,16,19,20,22,24				66	25	16	12	2.0	40	18	40	M5	10	2	2
24	1a	35	60	ungeb: Ø , 24				78	30	18	14	2.0	56	27	40	M5	10	2	2

Rotex Aluminium diecast (Al-D)																			
Size	Component	Spider (part2) 1) Rated torque [Nm]			Dimensions [mm]														
					Finish bore d (min-max)	General											Thread for setscrew		
		92 Sh-A	98 Sh-A	64 Sh-D		L	1:2	E	b	s	DH	DZ	dH	D:D1	N	G	t	TA[Nm]	
19	1	10	17	-	6-19	66	25	16	12	2	41	-	18	32	20	M5	10	2	
	1a				19-24									41					
24	1	35	60	-	9-24	78	30	18	14	2	56	-	27	40	24	M5	10	2	
	1a				22-28									56					
28	1	95	160	-	10-28	90	35	20	15	2.5	66	-	30	48	28	M8	15	10	
	1a				28-38									66					

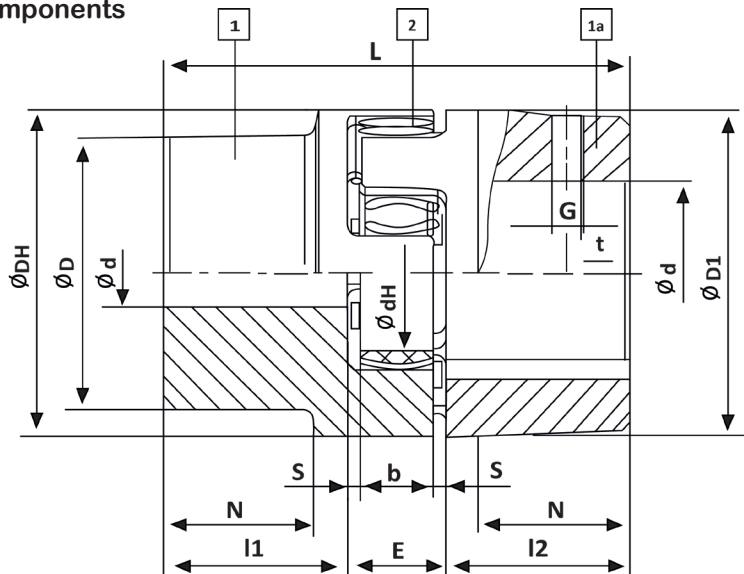
Rotex Cast iron (GJL)																		
38	1	190	325	405	12-40	114	45	24	18	3	80	-	38	66	37	M8	15	10
	1a				38-48									78				
	1b				12-48									62				
42	1	265	450	560	14-45	126	50	26	20	3	95	-	46	75	40	M8	20	10
	1a				42-55									94				
	1b				14-55									65				
48	1	310	525	655	15-52	140	56	28	21	3.5	105	-	51	85	45	M8	20	10
	1a				48-62									104				
	1b				15-62									69				
55	1	410	685	825	20-60	160	65	30	22	4	120	-	60	98	52	M10	20	17
	1a				55-74									118				
65	1	625	940	1175	22-70	185	75	35	26	4.5	135	-	68	115	61	M10	20	17
75	1	1280	1920	2400	30-80	210	85	40	30	5	160	-	80	135	69	M10	25	17
90	1	2400	3600	4500	40-97	245	100	45	34	5.5	200	218	100	160	81	M12	30	40

Rotex Nodular iron (GJS)																		
100	1	3300	4950	6185	50-115	270	110	50	38	6	225	246	113	180	89	M12	30	40
110	1	4800	7200	9000	60-125	295	120	55	42	6.5	255	276	127	200	96	M16	35	80
125	1	6650	10000	12500	60-145	340	140	60	46	7	290	315	147	230	112	M16	40	80
140	1	8550	12800	16000	60-160	375	155	65	50	7.5	320	345	165	255	124	M20	45	140
160	1	12800	19200	24000	80-185	425	175	75	57	9	370	400	190	290	140	M20	50	140
180	1	18650	28000	35000	85-200	475	195	85	64	10.5	420	450	220	325	156	M20	50	140

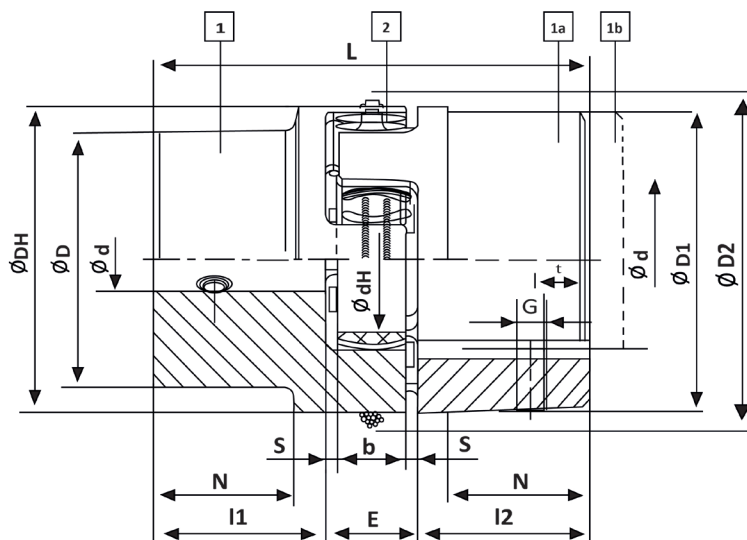
■ = if no material is specified in the order, it is stipulated in the calculation/order.
1) Maximum torque of coupling TKmax = rated torque of coupling TK rated * 2.

Ordering example:	Rotex 38		GJL		92 Sh-A		1 a		Ø 45		1 a		Ø 25	
	Coupling size		Material		Spider hardness		Component		Finish bore		Component		Finish bore	

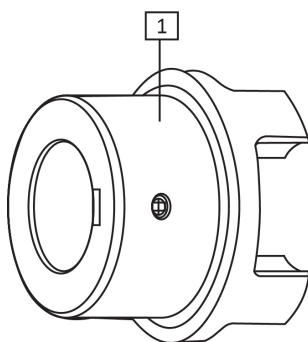
Components



AL- D (thread opposite to the keyway)



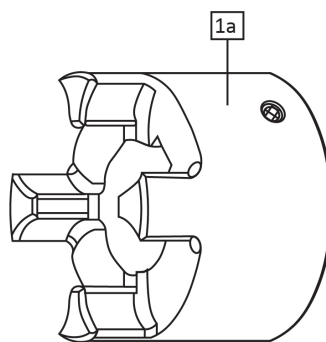
GJL / GJS (thread on the keyway)



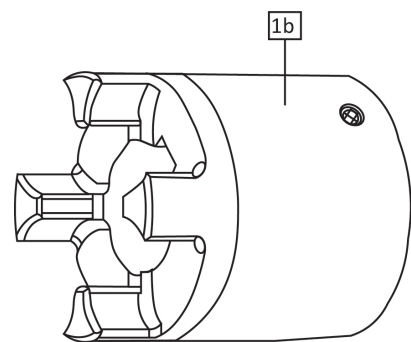
standard hub



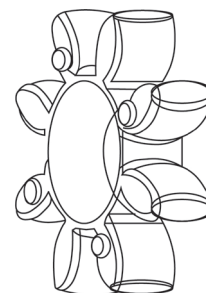
Spider



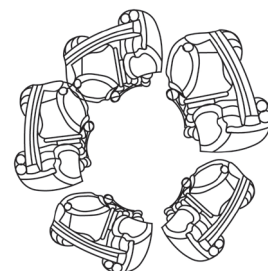
Large hub



Large hub lengthened



Spider
Hardness 92Sh-A ,98Sh-A
64Sh-D
Standard from size
14 - 180



Elements DZ
Hardness 92Sh-A and
98Sh-A size 100 - 180

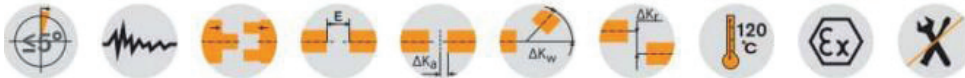
ROTEX

POLY-NORM

POLY

REVOLEX

Material steel/UL/ marine

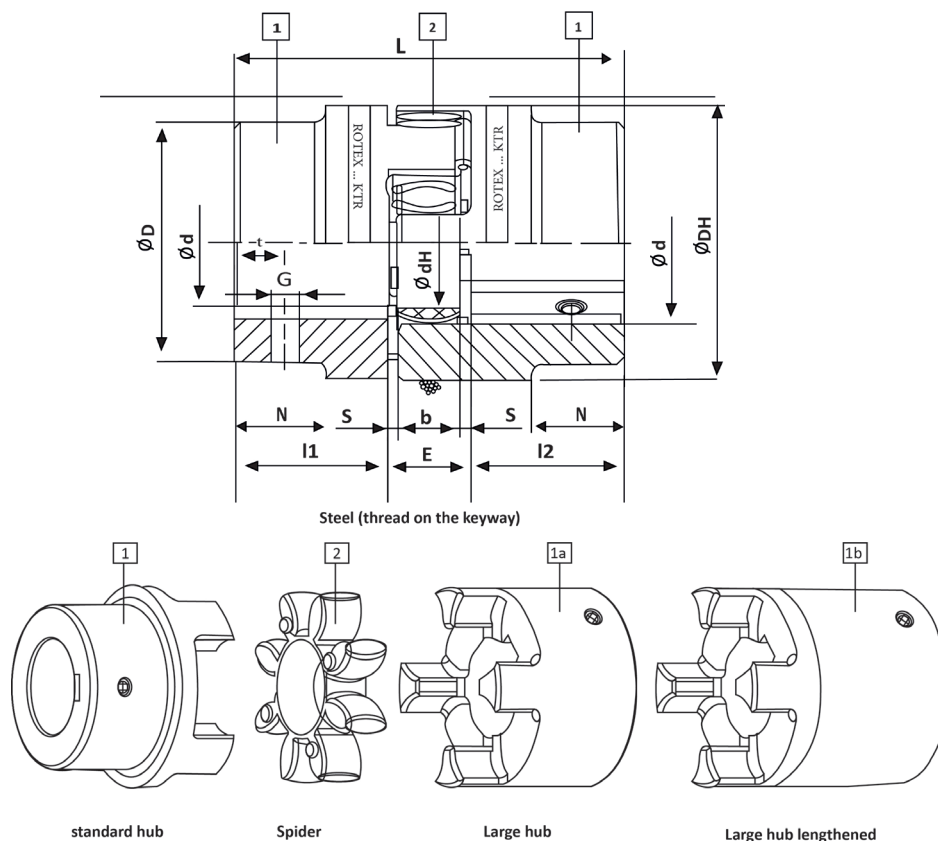


ROTEX Steel (St)																				
Size	Component	Spider (part2) rated torque [Nm]			Finish bore d(min- max)	Dimensions [mm]												Thread for setscrew		
						General														
		92 Sh-A	98 Sh-A	64 Sh-D		L	1: 2	E	b	s	DH	dH	D	N	G	t	TA [Nm]			
14	1a	7.5	12.5	16	0-16	35	11	13	10	1.5	30	10	30	-	M4	5	1.5			
	1b					50	18.5													
19	1a	10	17	21	0-25	66	25	16	12	2	40	18	40	-	M5	10	2			
	1b					90	37													
24	1a	35	60	75	0-35	78	30	18	14	2	55	27	55	-	M5	10	2			
	1b					118	50													
28	1a	95	160	200	0-40	90	35	20	15	2.5	65	30	65	-	M8	15	10			
	1b					140	60													
38	1	190	325	405	0-48	114	45	24	18	3	80	38	70	27	M8	15	10			
	1b					164	70						80	-						
42	1	265	450	560	0-55	126	50	26	20	3	95	46	85	28	M8	20	10			
	1b					176	75						95	-						
48	1	310	525	655	0-62	140	56	28	21	3.5	105	51	95	32	M8	20	10			
	1b					188	80						105	-						
55	1	410	685	825	0-74	160	65	30	22	4	120	60	110	37	M10	20	17			
	1b					210	90						120	-						
65	1	625	940	1175	0-80	185	75	35	26	4.5	135	68	115	47	M10	20	17			
	1b					235	100						135	-						
75	1	1280	1920	2400	0-95	210	85	40	30	5	160	80	135	53	M10	25	17			
	1b					260	110						160	-						
90	1	2400	3600	4500	0-110	245	100	45	34	5.5	200	100	160	62	M12	30	40			
	1b					295	125						200	-						
100	1	3300	4950	6185	0-115	270	110	50	38	6	225	113	150	89	M12	30	40			
110	1	4800	7200	9000	0-125	295	120	55	42	6.5	255	127	200	96	M16	35	80			
125	1	6650	10000	12500	60-145	340	140	60	46	7	290	147	230	112	M16	40	80			
140	1	8550	12800	16000	60-160	375	155	65	50	7.5	320	165	255	124	M20	45	140			
160	1	12800	19200	24000	80-185	425	175	75	57	9	370	190	290	140	M20	50	140			
180	1	18650	28000	35000	85-200	475	195	85	64	10.5	420	220	325	156	M20	50	140			

■ = if no material is specified in the order, it is stipulated in the calculation/order.
1) Maximum torque of coupling TKmax = rated torque of coupling TK rated * 2.

Ordering example:	Rotex 38	St	92 Sh-A	1 - Ø 45		1 - Ø 25	
	Coupling size	Material	Spider hardness	Component	Finish bore	Component	Finish bore

Components



ROTEX

POLY-NORM

Marine programme:

Hub materials S355J2+N and 42CrMo4+QT acc. to DIN EN10204-3.1+3.2 size 75-180 available from stock.



POLY

Use in fire extinguisher pumps

ROTEX couplings comply with the specifications of NFPA 20 standard for the installation of stationary pumps for fire protection and on completion of the necessary permanent tests they also comply with the specifications of UL 44BA, flexible couplings and connection shafts for stationary fire extinguisher pumps.

Sizes available:



ROTEX UL-Listed								
Size	Component	Material	Spider(part2) Rated torque [Nm]	Dimensions [mm]				
			92 Sh - A	Finish bore d(min-max)	L	1 : 2	E	DH
42	1	St	265	18-55	126	50	26	95
55	1	St	410	24-74	160	65	30	120
65	1	St	625	24-80	185	75	35	135
75	1	St	1280	24-95	210	85	40	160
90	1	St	2400	30-110	245	100	45	200

REVOLEX

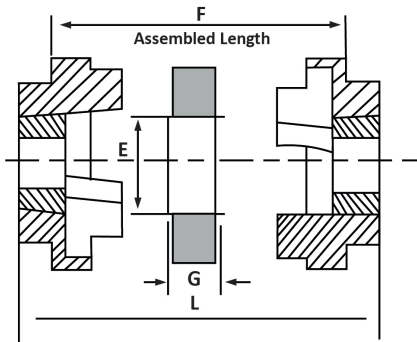


HRC COUPLINGS

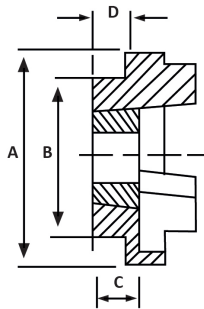
Description

HRC coupling flanges are available in either F (Taper Bush fits inside) or H (Taper Bush fits outside) or pilot bored (PB) which can be bored in house to the required size. These semi-elastic couplings are designed for general purpose use, they permit quick and easy assembly by means of taper bush fixing to the mating shaft.

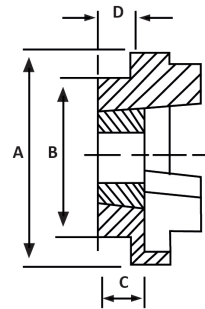
Inserts are available in either natural rubber for use in ambient temperatures between -50°C & +50°C or chloroprene rubber for use in temperatures between -15°C and +70°C fire resistance and anti-static properties (F.R.A.S).



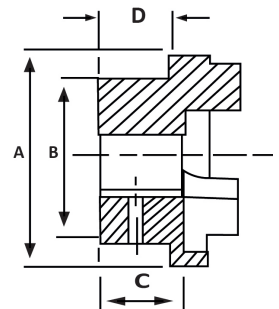
HRC Assembly



F Flange (Taper Bore)



H Flange (Taper Bore)



B Flange (Pilot Bore)

HRC COUPLINGS

Coupling No.	Nominal torque Nm	Overall Diameter A	Hub Diameter B	Flange Length F	Insert Bore Dia E	Insert Width G	Parallel Misalignment (mm)	Weight (kg)	Assembled Length		
									L FF, FH, HH	L FB, HB	L BB
HRC70	31	69	60	25.5	31	18.5	0.3	1.00	65.5	65.5	65.5
HRC90	80	85	70	30.5	32	22.5	0.3	1.17	69.5	76.5	82.5
HRC110	160	112	100	45.5	45	29.5	0.3	5.00	82.5	100.5	119.5
HRC130	315	130	105	53.5	50	36.5	0.4	5.46	89.5	110.5	131.5
HRC150	600	150	115	60.5	62	40.5	0.4	7.11	107.5	129.5	152.5
HRC180	950	180	125	73.5	77	49.5	0.4	16.65	142.5	165.5	189.5
HRC230	2000	225	155	85.5	99	59.5	0.5	26.05	164.5	202.5	239.5
HRC280	3150	275	206	105.5	119	74.5	0.5	50.05	207.5	246.5	285.5

Angular misalignment capacity up to 1 deg. Mass is for an FF, FH or HH coupling with mid range Taper Bushes
F refers to combinations of flanges: FF, FH, HH, FB, HB, BB.

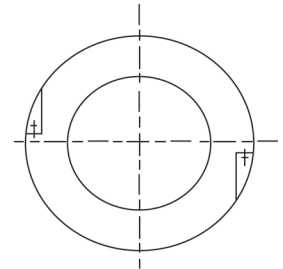
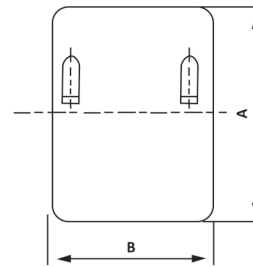
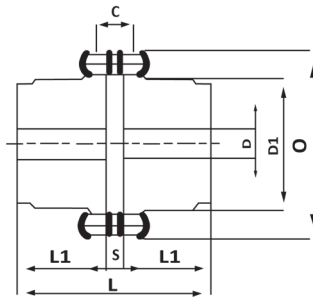
HRC TYPE F & H

Coupling No.	Bush Size	(mm)	(ins)	Shoulder Width D	Hub Width C
HRC70	1008	25	1	20.0	23.5
HRC90	1108	28	1.1/8	19.5	23.5
HRC110	1610	42	1.5/8	18.5	26.5
HRC130	1610	42	1.5/8	18.0	26.5
HRC150	2012	50	2	23.5	33.5
HRC180	2517	60	2.1/2	34.5	46.5
HRC230	3020	75	3	39.5	52.5
HRC280	3525	100	4	51.0	66.5

HRC TYPE B

Coupling No.	Max Bore (mm)	Pilot Bore (mm)	Keyway Screw Size	Shoulder Width D	Hub Width C
HRC70	32	8	M6	20	23.5
HRC90	42	10	M6	26	30.5
HRC110	55	10	M10	37	45.5
HRC130	60	15	M10	39	47.5
HRC150	70	20	M10	46	56.5
HRC180	80	25	M10	58	70.5
HRC230	100	25	M12	77	90.5
HRC280	115	30	M16	90	105.5

Chain Coupling

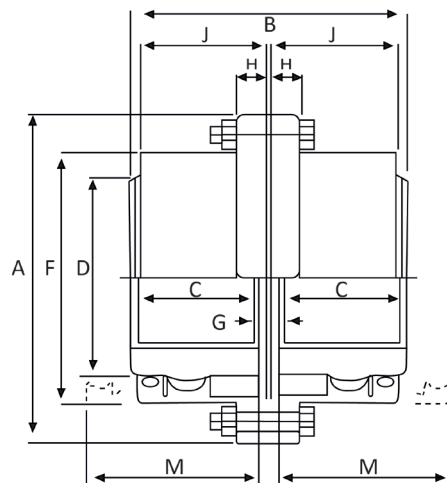


Size	Applicable Range of shaft	Pilot d a	A	d	O	L	I	S	B	C	Max Angular Degree	Bo t	Max Torque Nm	Max Revolution rpm	Moment of inertia kg.cm	Rquired Amount of Grease kg	G kg
3012	12-16	12	69	25	45	64.8	29.8	5.2	63	10.2	1	M6	190	5000	3.7	0.10	0.4
4012	12-22	12	77	33	62	79.4	36.0	7.4	72	14.4		M6	249	4800	5.5	0.10	0.8
4014	12-28	12	84	43	69	79.4	36.0	7.4	75	14.4		M6	329	4800	9.7	0.13	1.1
4016	14-32	14	92	48	77	87.4	40.0	7.4	75	14.4		M6	419	4800	14.4	0.17	1.4
5014	15-35	14	101	53	86	99.7	45.0	9.7	85	18.1		M8	620	3600	28.0	0.22	2.2
5016	16-40	16	111	60	93	99.7	45.0	9.7	85	18.1		M8	791	3600	37.0	0.26	2.7
5018	16-45	16	122	70	106	99.7	45.0	9.7	85	18.1		M8	979	3000	56.3	0.36	3.8
6018	20-56	20	142	85	127	123.5	56.0	11.5	105	22.8		M10	1810	2500	137.3	0.50	6.2
6020	20-60	20	158	98	139	123.5	56.0	11.5	105	22.8		M10	2210	2500	210.2	0.60	7.8
6022	20-71	20	168	110	151	123.5	56.0	11.5	117	22.8		M10	2610	2500	295.0	0.70	10.4
8018	20-80	20	190	110	169	141.2	63.0	15.2	129	29.3		M12	3920	2000	520.0	0.90	12.7
8020	20-90	20	210	121	185	145.2	65.0	15.2	137	29.3		M12	4800	2000	812.4	1.10	16.0
8022	20-100	20	226	140	202	157.2	71.0	15.2	137	29.3		M12	5640	1800	1110	1.20	20.2
10020	25-110	25	281	160	233	178.8	80.0	18.8	153	35.8		M12	8400	1800	2440	1.80	33.0
12018	35-125	35	307	170	256	202.7	90.0	22.7	181	45.4		M12	12700	1500	3940	3.20	47.0
12022	35-140	35	357	210	304	222.7	100.0	22.7	181	45.4		M12	18300	1250	7810	4.40	72.0
16018	63-160	53	375	228	340	254.1	112.0	30.1	240	58.5		M16	26400	1100	14530	7.20	108.0
16022	80-200	70	440	279	405	310.1	140.0	30.1	245	58.5		M16	38100	1000	32220	9.90	187.0
20018	82-205	75	465	289	425	437.5	200.0	37.5	285	71.6		M20	54100	800	50980	11.80	286.0
20022	100-255	90	545	363	506	477.5	220.0	37.5	300	71.6		M20	77800	600	111100	15.80	440.0
24022	120-310	110	650	448	607	650.0	302.5	45.0	340	87.8		M20	137000	600	310000	21.90	869.0
24026	150-360	140	745	526	704	700.0	327.5	45.0	350	87.8		M20	186000	500	598500	28.10	1260

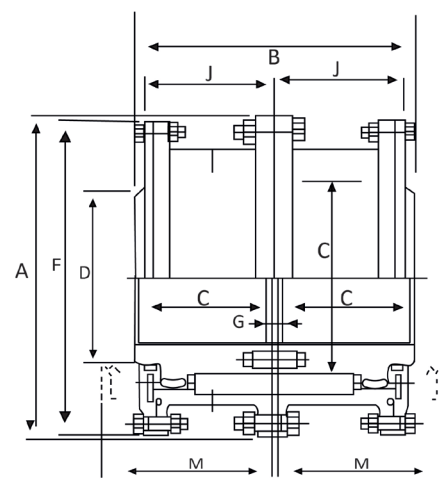
Keyway dimensions conform to DIN 6885, GB 1095 - 1979 standards.

Gear couplings

Double engagement



Size 10 to 70



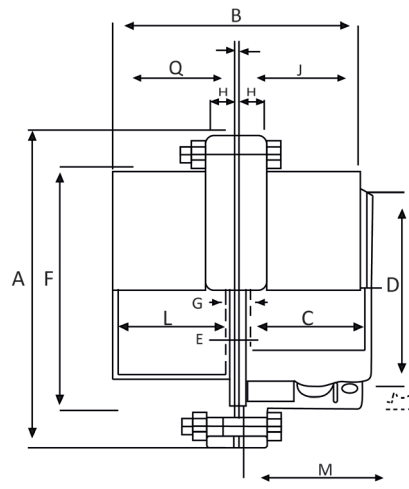
Size 80 to 120

Size	Power per 100 r/min	Rated torque	Speed	Bore diameter		Dimensions									Gap	Lubricant mass	Coupling mass without bore and min. DBSE
				Max.	Min.	Max.	A	B	C	D	F	H	J	M(1)			
-	kw	Nm	r/min	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
10 GC	11.9	1139	8000	13	50	116	89	43	69	84	14.0	39	51	3	0.04	5	
15 GC	24.6	2350	6500	20	65	152	101	49	86	105	19.0	48	61	3	0.07	9	
20 GC	44.7	4270	5600	26	78	178	127	62	105	126	19.0	59	77	3	0.12	16	
25 GC	78.3	7474	5000	32	98	213	159	77	131	155	21.8	72	92	5	0.23	29	
30 GC	127.0	12100	4400	39	111	240	187	91	152	180	21.8	84	107	5	0.36	43	
35 GC	194.0	18500	3900	51	134	279	218	106	178	211	28.4	98	130	6	0.54	68	
40 GC	321.0	30609	3600	64	160	318	248	121	210	245	28.4	111	145	6	0.91	97	
45 GC	440.0	42000	3200	77	183	346	278	135	235	274	28.4	123	166	8	1.04	136	
50 GC	593.0	56600	2900	89	200	389	314	153	254	306	38.1	141	183	8	1.77	190	
55 GC	775.0	74030	2650	102	220	425	344	168	279	334	38.1	158	204	8	2.22	249	
60 GC	947.0	90400	2450	115	244	457	384	188	305	366	25.4	169	229	8	3.18	306	
70 GC	1420.0	135000	2150	127	289	527	452	221	343	425	28.4	196	267	10	4.35	485	
80 GC	1780.0	170000	1750	102	266	591	508	249	356	572	-	243	300	10	9.53	703	
90 GC	2360.0	226000	1550	115	290	660	565	276	394	641	-	265	327	13	12.25	984	
100 GC	3250.0	310000	1450	127	320	711	623	305	445	699	-	294	356	13	14.97	1302	
110 GC	4320.0	413000	1330	140	373	775	679	333	495	749	-	322	384	13	17.69	1678	
120 GC	5810.0	555000	1200	153	400	838	719	353	546	826	-	341	403	13	20.87	2114	

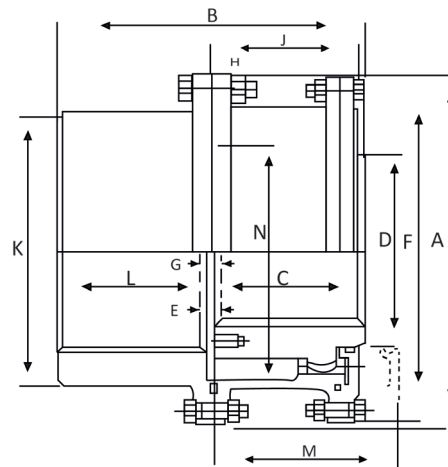
1) Minimum clearance required for aligning coupling.

Gear couplings

Single engagement



Size 10 to 70



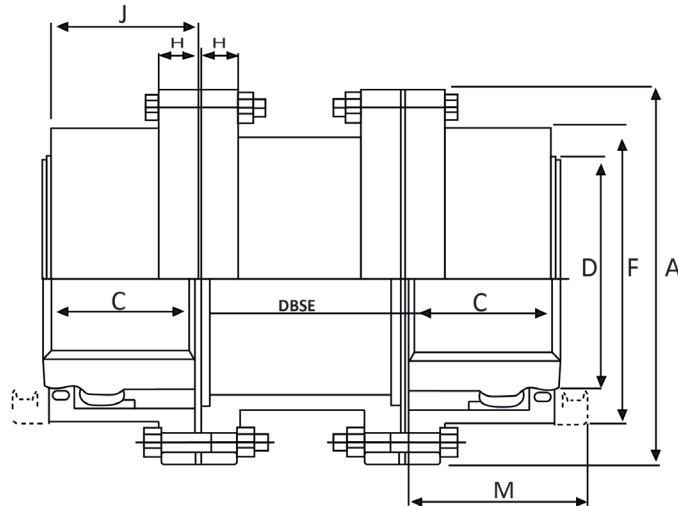
Size 80 to 120

Size	Power per 100 r/min	Rated torque	Speed	Bore diameter Flex hub Se hub			Dimensions											Gap	Lubricant mass	Coupling mass without bore	
				Max.	Max.	Max.	Min.	A	B	C	D	E	F	H	J	K(1)	L				M(2)
mm	kw	Nm	r/min	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
10 GCSE	11.9	1139	8000	48	60	13	116	87.0	43	69	2.5	84	14.0	39	-	40	51	42	4	0.2	4.5
15 GCSE	24.6	2350	6500	60	75	19	152	99.0	49	86	2.5	105	19.0	48	-	46	61	49	4	0.04	9.1
20 GCSE	44.7	4270	5600	73	92	25	178	124.0	62	105	2.5	126	19.0	59	-	58	77	61	4	0.07	15.9
25 GCSE	78.3	7474	5000	92	111	32	213	156.0	77	131	2.5	155	21.8	72	-	74	92	76	5	0.12	27.2
30 GCSE	127.0	12100	4400	105	130	38	240	184.0	91	152	2.5	180	21.8	84	-	88	107	90	5	0.18	43.1
35 GCSE	194.0	18500	3900	124	149	51	279	213.5	106	178	2.5	211	28.4	98	-	102	130	105	6	0.27	61.2
40 GCSE	321.0	30609	3600	146	171	64	318	243.0	121	210	4.1	245	28.4	111	-	115	145	119	7	0.47	99.8
45 GCSE	440.0	42000	3200	165	194	76	346	274.0	135	235	4.1	274	28.4	123	-	131	166	135	8	0.57	136.1
50 GCSE	593.0	56600	2900	178	222	89	389	309.0	153	254	5.1	306	38.1	141	-	147	183	152	9	0.91	195.0
55 GCSE	775.0	74030	2650	197	248	102	425	350.0	168	279	5.1	334	38.1	158	-	173	204	178	9	1.13	263.1
60 GCSE	947.0	90400	2450	222	267	114	457	384.0	188	305	6.6	366	25.4	169	-	186	229	193	10	1.70	324.3
70 GCSE	1420.0	135000	2150	254	305	127	527	454.0	221	343	8.4	425	28.4	196	-	220	267	229	13	2.27	508.0
80 GCSE	1780.0	170000	1750	279	343	102	591	511.0	249	356	-	572	-	243	450.8	249	300	-	13	4.99	698.5
90 GCSE	2360.0	226000	1550	305	381	114	660	566.0	276	394	-	641	-	265	508.0	276	327	-	14	6.35	984.3
100 GCSE	3250.0	310000	1450	343	406	127	711	626.0	305	445	-	699	-	294	530.4	305	356	-	16	7.71	1251.9
110 GCSE	4320.0	413000	1330	387	445	140	775	682.0	333	495	-	749	-	322	584.2	333	384	-	16	9.07	1637.5
120 GCSE	5810.0	555000	1200	425	495	152	838	722.0	353	546	-	826	-	341	647.7	353	403	-	16	10.89	2077.5

1) May be an (as cast) version depending on coupling size and bore.
2) Minimum clearance required for aligning coupling.

Gear couplings

Double engagement . Spacer

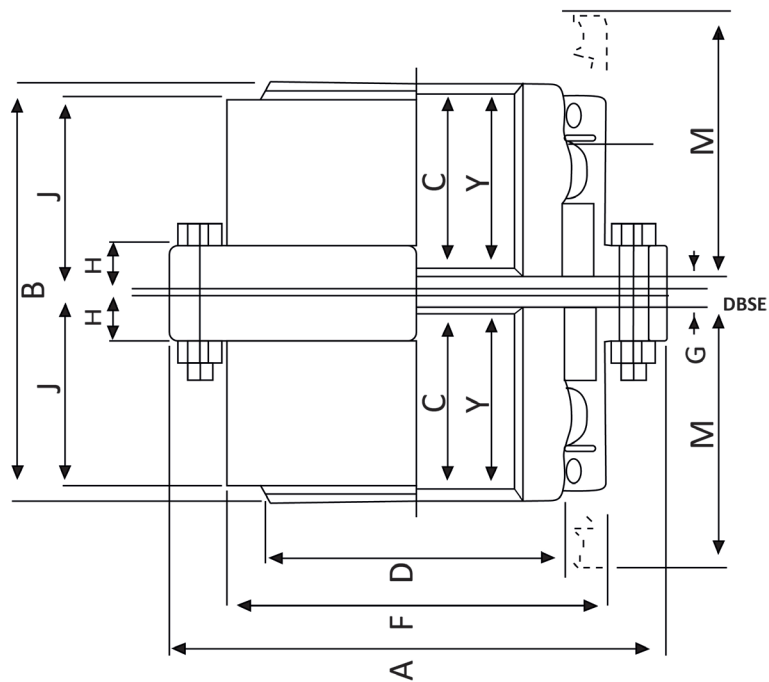


Size	Power per 100 r/min	Rated torque	Speed	DBSE		Bore diameter		Dimensions							Lubricant mass	Coupling mass without bore and min. bore
				Max.	Min.	Max.	Min.	Max.	A	C	D	F	H	J		
-	kw	Nm	r/min	mm				mm								kg
10 GCS	11.9	1139	7000	83	311	13	48	116	43	69	84	14.0	39	51	0.04	6.8
15 GCS	24.6	2350	5500	83	311	19	60	152	49	86	105	19.0	48	61	0.07	13.6
20 GCS	44.7	4270	4600	83	311	25	73	178	62	105	126	19.0	59	77	0.12	20.4
25 GCS	78.3	7474	4000	95	311	32	92	213	77	131	155	21.8	72	92	0.23	38.6
30 GCS	127.0	12100	3600	95	311	38	105	240	91	152	180	21.8	84	107	0.36	54.4
35 GCS	194.0	18500	3100	120	311	51	124	279	106	178	211	28.4	98	130	0.54	88.5
40 GCS	321.0	30609	2800	120	311	64	146	318	121	210	245	28.4	111	145	0.91	122.5
45 GCS	440.0	42000	2600	120	311	76	165	346	135	235	274	28.4	123	166	1.04	165.6
50 GCS	593.0	56600	2400	146	311	89	178	389	153	254	306	38.1	141	183	1.77	238.1
55 GCS	775.0	74030	2200	146	311	102	197	425	168	279	334	38.1	158	204	2.22	306.2
60 GCS	947.0	90400	2100	146	311	114	222	457	188	305	366	25.4	169	229	3.18	358.3
70 GCS	1420.0	135000	1800	146	311	127	254	527	221	343	425	28.4	196	267	4.35	562.5

1) Minimum clearance required for aligning coupling.

Gear couplings

Double engagement . Vertical

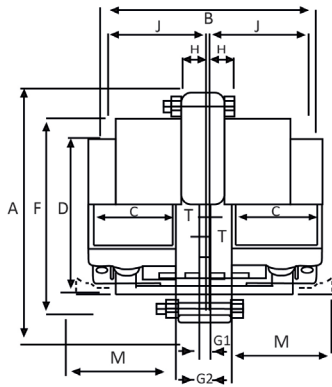


Size	Power per 100 r/min	Rated torque	Speed	Bore diameter		Dimensions										Gap		Lubricant mass	Coupling mass without bore
				Max.	Max.	Min.	A	B	C	D	F	H	J	M(1)	Y	DBSE	G Min.		
-	kw	Nm	r/min	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg		
10 GCV	11.9	1139	8000	13	48	116	89	43	69	84	14.0	39	51	32.5	24	11	0.04	5	
15 GCV	24.6	2350	6500	19	60	152	101	49	86	105	19.0	48	61	38.6	24	11	0.07	9	
20 GCV	44.7	4270	5600	25	73	178	127	62	105	126	19.0	59	77	51.3	24	11	0.12	16	
25 GCV	78.3	7474	5000	32	92	213	159	77	131	155	21.8	72	92	65.3	26	14	0.23	29	
30 GCV	127.0	12100	4400	38	105	240	187	91	152	180	21.8	84	107	79.8	26	14	0.36	43	
35 GCV	194.0	18500	3900	51	124	279	218	106	178	211	28.4	98	130	94.0	30	18	0.54	68	
40 GCV	321.0	30609	3600	64	146	318	248	121	210	245	28.4	111	145	105.9	35	22	0.91	97	
45 GCV	440.0	42000	3200	76	165	346	278	135	235	274	28.4	123	166	116.3	44	25	1.04	136	
50 GCV	593.0	56600	2900	89	178	389	314	153	254	306	38.1	141	183	134.6	44	25	1.77	190	
55 GCV	775.0	74030	2650	102	197	425	344	168	279	334	38.1	158	204	149.6	44	25	2.22	249	
60 GCV	947.0	90400	2450	114	222	457	384	188	305	366	25.4	169	229	168.1	48	29	3.18	306	
70 GCV	1420.0	135000	2150	127	254	527	452	221	343	425	28.4	196	267	194.8	61	35	4.35	485	

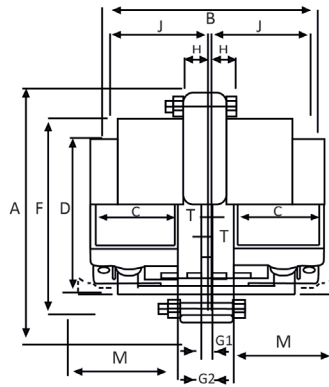
1) Minimum clearance required for aligning coupling.

Gear couplings

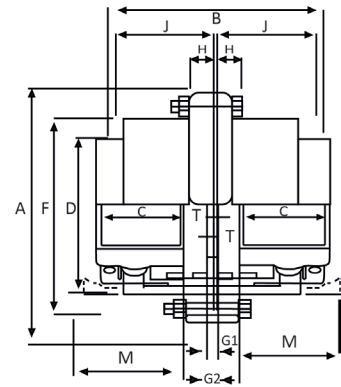
Double engagement . Slide



Type1



Type2



Type3

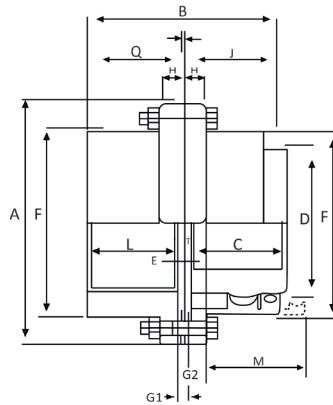
Size	Power per 100 r/min	Rated torque	Speed	Dimensions Bore diameter		Dimensions						Lubricant mass	Coupling mass without bore
			Max.	Min.	Max.	A	C	D	F	H	J	kg	
-	kw	Nm	r/min	mm	mm	mm	mm	mm	mm	mm	mm		
10 GCSL	11.9	1139	5300	13	48	116	43	69	84	14.0	39	0.02	5
15 GCSL	24.6	2350	4300	19	60	152	49	86	105	19.0	48	0.04	9
20 GCSL	44.7	4270	3700	25	73	178	62	105	126	19.0	59	0.06	16
25 GCSL	78.3	7474	3300	32	92	213	77	131	155	21.8	72	0.11	29
30 GCSL	127.0	12100	2900	38	105	240	91	152	180	21.8	84	0.18	43
35 GCSL	194.0	18500	2600	51	124	279	106	178	211	28.4	98	0.27	68
40 GCSL	321.0	30609	2400	64	146	318	121	210	245	28.4	111	0.45	97
45 GCSL	440.0	42000	2100	76	165	346	135	235	274	28.4	123	0.51	136
50 GCSL	593.0	56600	1900	89	178	389	153	254	306	38.1	141	0.91	190
55 GCSL	775.0	74030	1800	102	197	425	168	279	334	38.1	158	1.13	249
60 GCSL	947.0	90400	1600	114	222	457	188	305	366	25.4	169	1.19	306
70 GCSL	1420.0	135000	1400	127	254	527	221	343	425	28.4	196	2.18	485

Size	Type 1						Type 2						Type 3					
	B Max.	M(1)	Half T Max.	Total	Gap G1	G2	B Max.	M(1)	Half T Max.	Total	Gap G1	G2	B Max.	M(1)	Half T Max.	Total	Gap G1	G2
-	mm						mm						mm					
10 GCSL	96	54	13	26	8	10	126	58	16	32	8	40	96	54	2.0	4	6	10
15 GCSL	127	60	10	20	8	29	152	69	23	46	8	54	127	60	7.5	15	14	29
20 GCSL	151	77	9	18	8	27	186	84	27	54	8	62	151	77	10.0	20	7	27
25 GCSL	188	93	12	24	9	34	231	102	34	68	9	78	188	93	6.0	12	21	34
30 GCSL	227	108	18	36	9	45	263	118	36	72	9	81	227	108	11.5	23	22	45
35 GCSL	274	124	25	50	11	61	313	135	45	90	11	102	274	124	14.0	28	33	61
40 GCSL	320	138	32	64	15	79	364	155	54	108	15	121	320	138	16.0	32	47	79
45 GCSL	355	154	35	70	16	86	406	163	60	120	16	136	355	154	19.0	38	47	86
50 GCSL	408	175	42	82	18	102	460	189	68	136	18	153	408	175	20.5	41	61	102
55 GCSL	470	191	58	116	18	134	510	221	78	156	18	174	470	191	21.0	42	92	134
60 GCSL	504	212	53	124	21	127	563	227	83	166	21	187	504	212	24.5	49	78	127
70 GCSL	592	245	62	140	26	150	669	235	99	198	26	223	592	245	27.0	54	96	150

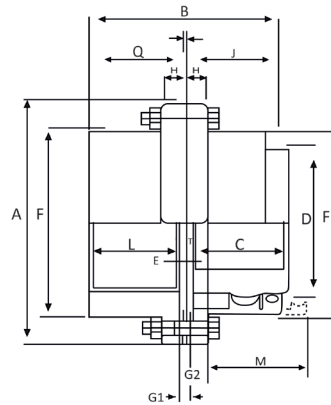
1) Minimum clearance required for aligning coupling.

Gear couplings

Single engagement . Slide



Type1



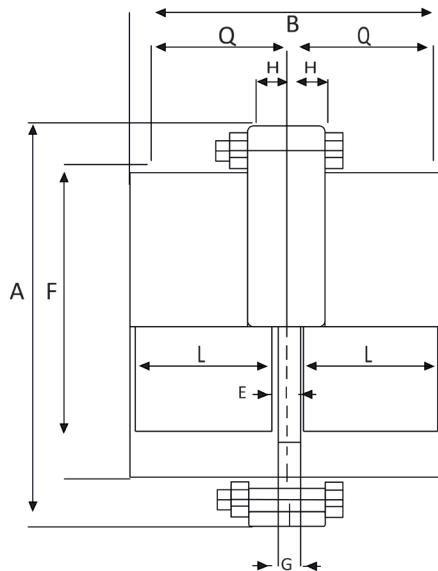
Type2

Size	Power per 100 r/min	Rated torque	Speed	Dimensions Bore diameter Flex hub	SE hub									Lubricant mass	Coupling mass without bore
			Max.	Max.	Max.	Min.	A	C	D	F	H	J	L		
-	kw	Nm	r/min	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
10 GCSL	11.9	1139	5300	48	60	13	116	43	69	84	14.0	39	40	0.01	5
15 GCSL	24.6	2350	4300	60	75	19	152	49	86	105	19.0	48	46	0.02	9
20 GCSL	44.7	4270	3700	73	92	25	178	62	105	126	19.0	59	58	0.04	16
25 GCSL	78.3	7474	3300	92	111	32	213	77	131	155	21.8	72	74	0.06	29
30 GCSL	127.0	12100	2900	105	130	38	240	91	152	180	21.8	84	88	0.11	43
35 GCSL	194.0	18500	2600	124	149	51	279	106	178	211	28.4	98	102	0.18	68
40 GCSL	321.0	30609	2400	146	171	64	318	121	210	245	28.4	111	115	0.27	97
45 GCSL	440.0	42000	2100	165	194	76	346	135	235	274	28.4	123	131	0.34	136
50 GCSL	593.0	56600	1900	178	222	89	389	153	254	306	38.1	141	147	0.54	195
55 GCSL	775.0	74030	1800	197	248	102	425	168	279	334	38.1	158	173	0.73	263
60 GCSL	947.0	90400	1600	222	267	114	457	188	305	366	25.4	169	186	0.96	324
70 GCSL	1420.0	135000	1400	254	305	127	527	221	343	425	28.4	196	220	1.36	510

Size	Type 1	Type 2													
	B Max.	M(1)	T Max.	Gap G1	G2	B Max.	M(1)	T Max.	Gap G1	G2					
-	mm					mm									
10 GCSL	90.0	54	3.6	4	8	105	58	18.5	4	23					
15 GCSL	112.0	60	12.7	4	17	125	69	25.4	4	30					
20 GCSL	136.0	77	11.7	4	16	154	84	29.5	4	34					
25 GCSL	170.0	93	14.5	5	19	192	102	36.3	5	41					
30 GCSL	204.0	108	20.1	5	25	222	118	38.1	5	43					
35 GCSL	241.0	124	27.2	6	33	262	135	47.9	6	53					
40 GCSL	279.0	138	36.	7	43	300	155	57.4	7	65					
45 GCSL	315.0	154	8.9	8	47	338	163	64.0	8	72					
50 GCSL	356.0	175	47.0	9	56	382	189	72.6	9	81					
55 GCSL	412.5	191	63.0	9	72	433	221	83.1	9	92					
60 GCSL	445.0	212	59.7	10	70	475	227	89.4	10	100					
70 GCSL	524.0	245	70.4	13	83	560	235	106.7	13	119					

1) Minimum clearance required for aligning coupling.

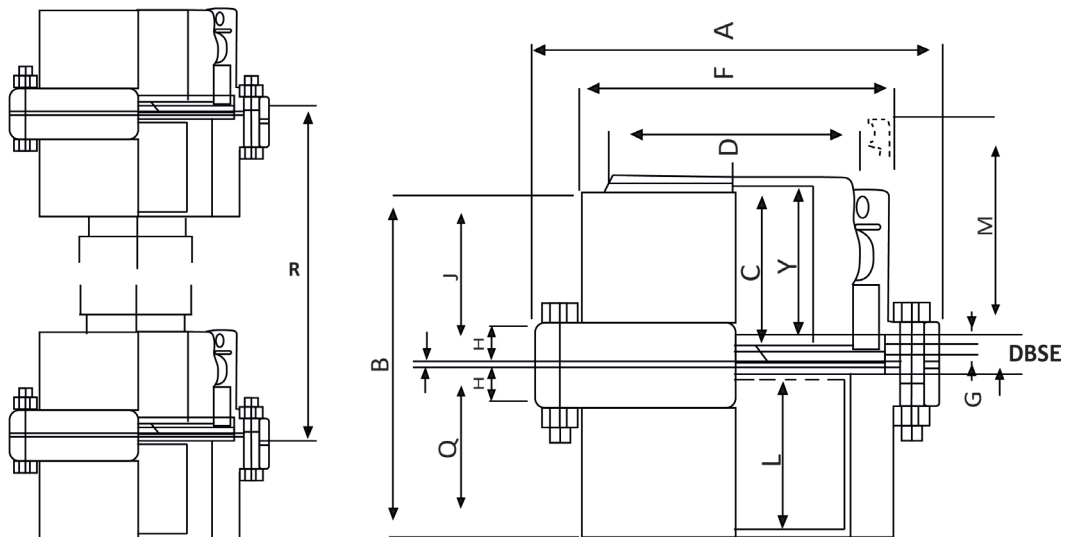
Gear couplings Rigid flanged sleeve



Size	Power per 100 r/min	Rated torque	Speed	Dimensions			Gap	Coupling mass without bore						
				Bore diameter										
			Max.	Min.	Max.	A	B	E	F	H	L	Q	G	
-	kw	Nm	r/min	mm		mm							mm	
10 GCR	11.9	1139	8000	13	60	116	84.5	2.5	84	14.0	40.0	39	5	5
15 GCR	24.6	2350	6500	19	75	152	97.5	2.5	105	19.0	46.0	48	5	9
20 GCR	44.7	4270	5600	25	92	178	122.0	2.5	126	19.0	58.5	59	5	16
25 GCR	78.3	7474	5000	32	111	213	152.5	2.5	155	21.8	73.5	72	5	28
30 GCR	127.0	12100	4400	38	130	240	181.0	2.5	180	21.8	88.0	84	5	43
35 GCR	194.0	18500	3900	51	149	279	209.0	2.5	211	28.4	102.0	98	5	68
40 GCR	321.0	30609	3600	64	171	318	239.0	4.1	245	28.4	115.0	111	8	102
45 GCR	440.0	42000	3200	76	194	346	269.0	4.1	274	28.4	130.5	123	8	140
50 GCR	593.0	56600	2900	89	222	389	305.0	5.1	306	38.1	147.5	141	10	205
55 GCR	775.0	74030	2650	102	248	425	355.5	5.1	334	38.1	172.5	158	10	280
60 GCR	947.0	90400	2450	114	267	457	386.0	6.6	366	25.4	186.5	169	13	335
70 GCR	1420.0	135000	2150	127	305	527	457.0	8.4	425	28.4	220.0	196	17	536
80 GCR	1780.0	170000	1750	102	343	591	514.0	8.0	572	31.5	249.0	243	16	703
90 GCR	2360.0	226000	1550	114	381	660	568.0	8.0	641	38.0	276.0	265	16	984
100 GCR	3250.0	310000	1450	127	406	711	629.0	9.7	699	44.2	305.0	294	19	1210
110 GCR	4320.0	413000	1330	140	445	775	686.0	9.7	749	50.8	333.0	322	19	1610
120 GCR	5810.0	555000	1200	152	495	838	724.0	9.7	826	53.8	353.0	341	19	2114

Gear couplings

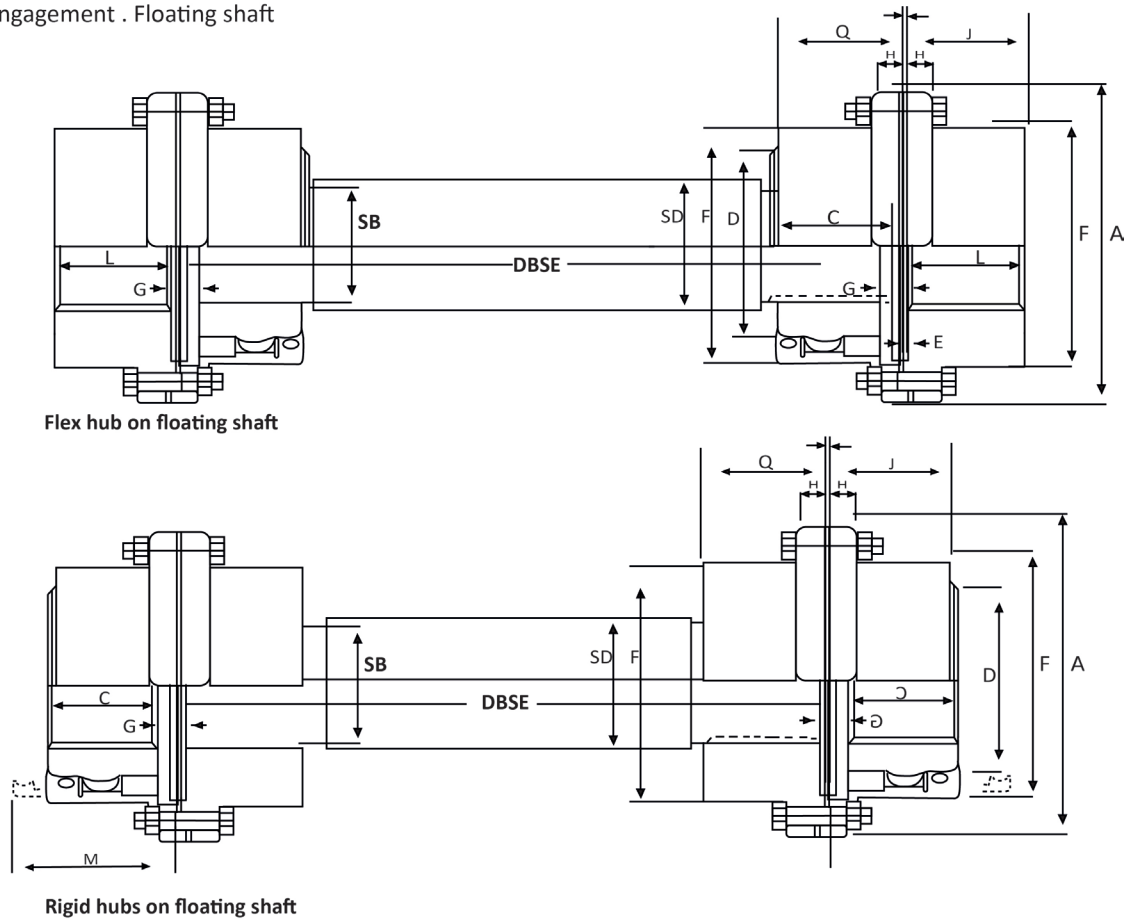
Single engagement . Vertical and floating shaft



Size	Power per 100 r/min	Rated torque	Speed	Bore diameter		Dimensions													Gap	Lubricant mass	Coupling mass without bore
				Flex hub	Se hub																
						Max.	Max.	Max.	Min.	A	B	C	D	F	H	J	L	M			
-	kw	Nm	r/min					mm											mm	kg	
10 GCV	11.9	1139	7000	48	60	13	116	87.0	43	69	84	14.0	39	40	51	132	32.5	14.7	4	0.02	4.5
15 GCV	24.6	2350	5500	60	75	19	152	99.0	49	86	105	19.0	48	46	61	152	38.6	14.7	4	0.04	9.1
20 GCV	44.7	4270	4600	73	92	25	178	124.0	62	105	126	19.0	59	58	77	183	51.3	14.7	4	0.07	15.9
25 GCV	78.3	7474	4000	92	111	32	213	156.0	77	131	155	21.8	72	74	92	218	65.3	16.3	5	0.12	27.2
30 GCV	127.0	12100	3600	105	130	38	240	184.0	91	152	180	21.8	84	88	107	248	79.8	16.3	5	0.18	43.1
35 GCV	194.0	18500	3100	124	149	51	279	213.0	106	178	211	28.4	98	102	130	298	94.0	18.0	6	0.27	61.2
40 GCV	321.0	30609	2800	146	171	64	318	243.0	121	210	245	28.4	111	115	145	340	105.9	22.0	7	0.47	99.8
45 GCV	440.0	42000	2600	165	194	76	346	274.0	135	235	274	28.4	123	131	166	388	116.3	26.7	8	0.57	136.1
50 GCV	593.0	56600	2400	178	222	89	389	309.0	153	254	306	38.1	141	147	183	424	134.6	27.7	9	0.91	195.0
55 GCV	775.0	74030	2200	197	248	102	425	350.0	168	279	334	38.1	158	173	204	464	149.6	27.7	9	1.13	263.1
60 GCV	947.0	90400	2100	222	267	114	457	384.0	188	305	366	25.4	169	186	229	522	168.1	30.9	10	1.70	324.3
70 GCV	1420.0	135000	1800	254	305	127	527	454.0	221	343	425	28.4	196	220	267	615	194.8	39.1	13	2.27	508.0

Gear couplings

Single engagement . Floating shaft



Size	DBSE		Bore diameter		Dimensions										Gap	Lubricant mass	Coupling mass without bore
	Flex hub	Rigid hub	Flex hub	Rigid hub	Min.	A	C	D	F	H	J	L	M				
	Min.	Max.	Max.	Max.													
-	mm				mm										mm	kg	
10 GCFS	133	92	48	60	13	116	43	69	84	14.0	39	40	51	4	0.02	4.5	
15 GCFS	159	105	60	75	19	152	49	86	105	19.0	48	46	61	4	0.04	9.1	
20 GCFS	197	129	73	92	25	178	62	105	126	19.0	59	58	77	4	0.07	15.9	
25 GCFS	241	162	92	111	32	213	77	131	155	21.8	72	74	92	5	0.12	27.2	
30 GCFS	279	189	105	130	38	240	91	152	180	21.8	84	88	107	5	0.18	43.1	
35 GCFS	324	219	124	149	51	279	106	178	211	28.4	98	102	130	6	0.27	61.2	
40 GCFS	419	248	146	171	64	318	121	210	245	28.4	111	115	145	7	0.47	99.8	
45 GCFS	508	281	165	194	76	346	135	235	274	28.4	123	131	166	8	0.57	136.1	
50 GCFS	533	316	178	222	89	389	153	254	306	38.1	141	147	183	9	0.91	195.0	
55 GCFS	572	367	197	248	102	425	168	279	334	38.1	158	173	204	9	1.13	263.1	
60 GCFS	597	397	222	267	114	457	188	305	366	25.4	169	186	229	10	1.70	324.3	
70 GCFS	673	470	254	305	127	527	221	343	425	28.4	196	220	267	13	2.27	508.0	



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www.microllerchain.com

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