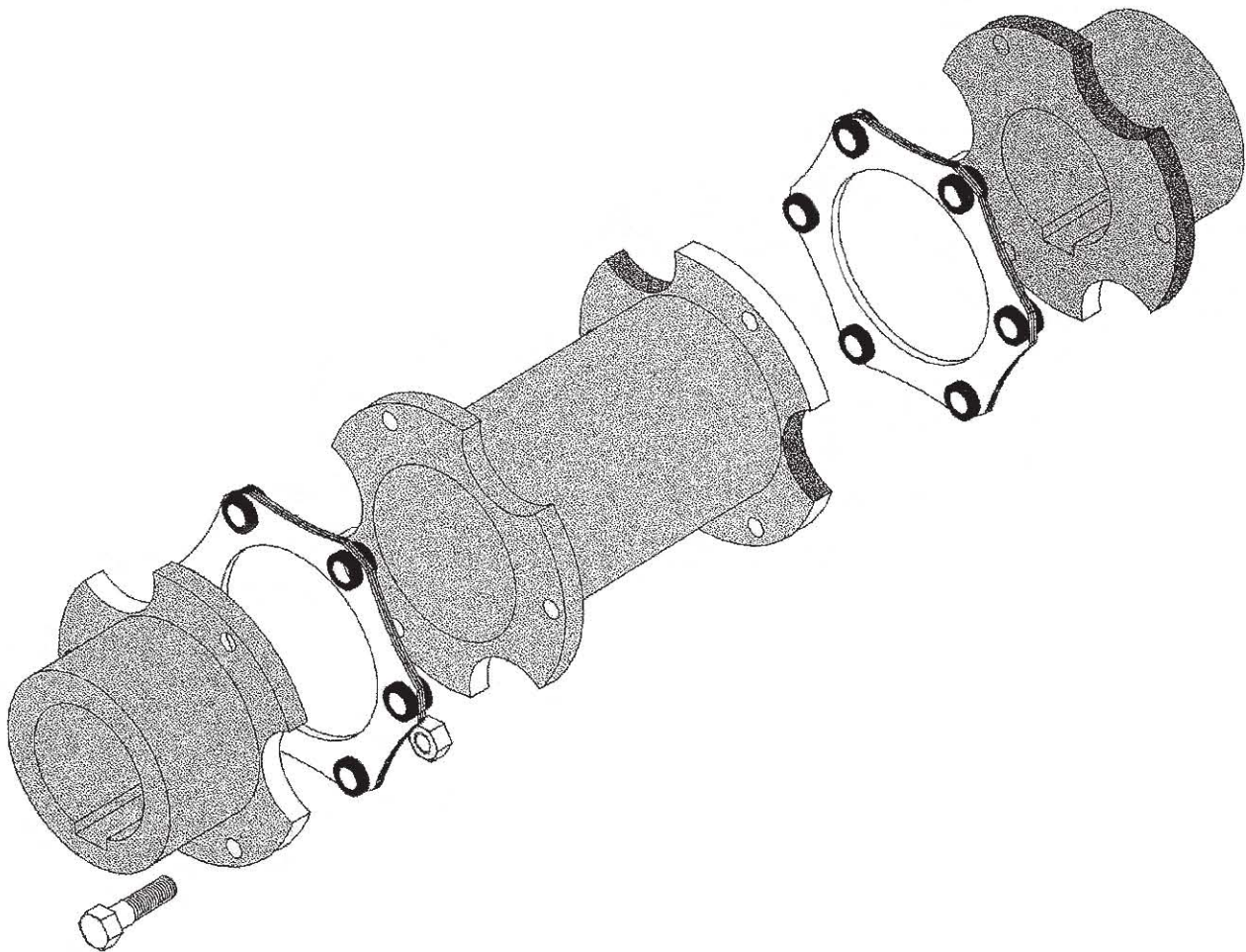


Series TMG

膜片联轴器

Steel disc-pack coupling

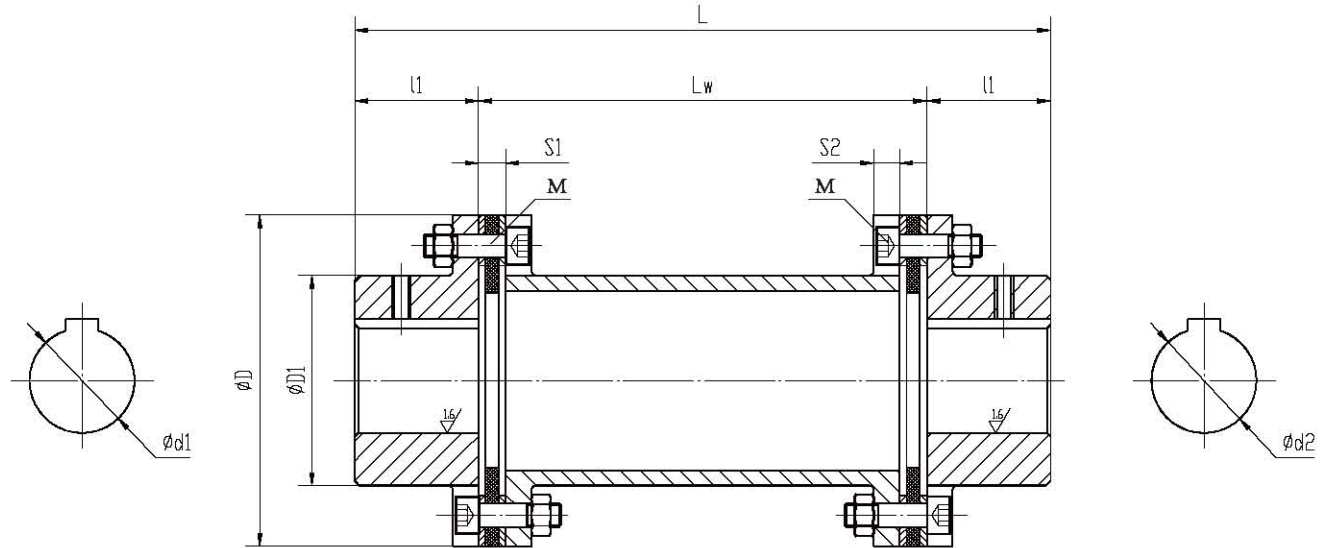


尺寸图
dimensioned drawing

21.1 TMG

Series TMG-6

膜片联轴器
Steel disc-pack coupling



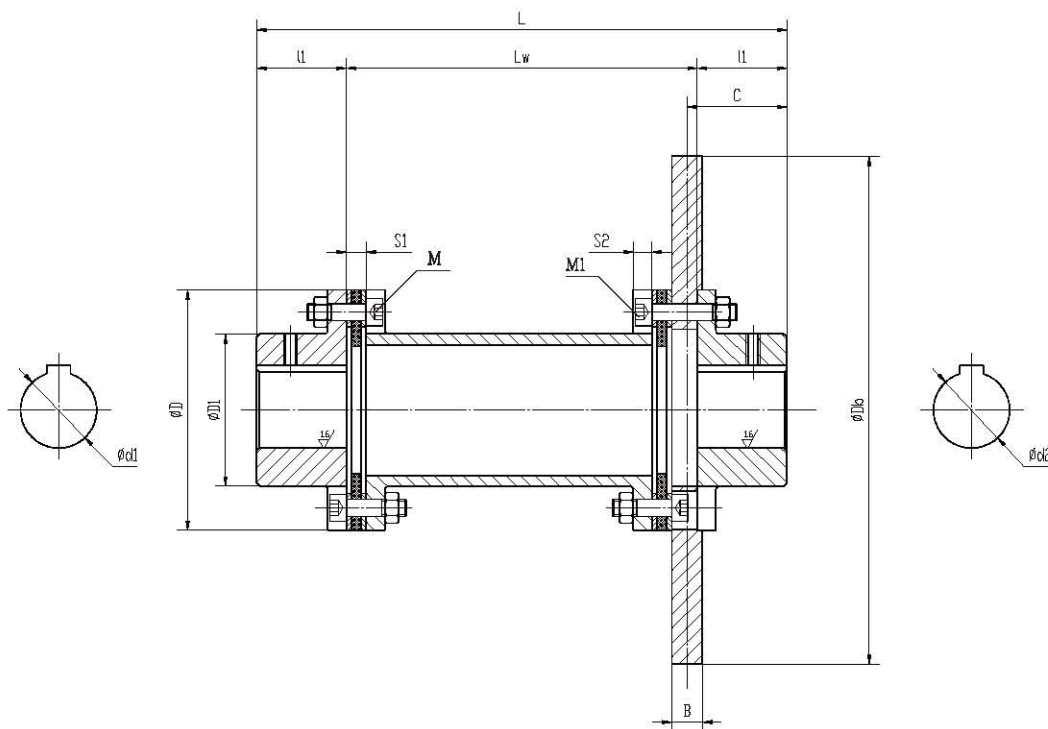
规格 size	公称扭矩 nominal torque T_{KN} $\Delta Kw=0.5^\circ$ Nm	最大扭矩 maximum torque T_{kmax} Nm	速度 speed min^{-1}	尺寸 Dimension										螺栓 bolts	总重量 total weight kg	转动惯量 Moment of Inertia $kg \cdot m^2$
				d_1/d_2 pre bore mm	d_1/d_2 max mm	D mm	D ₁ mm	L mm	L _w mm	L ₁ mm	S ₁ mm	S ₂ mm	M mm			
53-6	55	100	10.000	6	20	53	30	79 90	30 39	24.5	6.9	5	M5x24.5			0.184 0.312
72-6	125	225	8400	10	30	72	42	109 139 179 219	30 60 100 140	39.5	7.2	5.5	M5x24.5			0.786 1.518 1.915 2.313
89-6	250	450	6800	14	40	89	55	127 160 170 190 230	37 70 80 100 140	45	8.5	8	M6x31.5			3.010 5.542 5.785 6.273 7.248
118-6	570	1000	5400	15	55	118	76	156 210 250 290	46 100 140 180	55	10.1	10	M8x40			12.577 20.043 23.008 25.973
142-6	1075	1900	4600	19	65	142	90	175 220 260 300	55 100 140 180	60	11.7	11	M10x47			29.206 46.664 53.041 59.419
168-6	1900	3400	3800	25	80	168	110	250 290 330	100 140 180	75	12.7	14	M12x55			107.564 120.418 133.271
200-6	2800	5000	3400	30	100	200	132	251 320 360	71 140 180	90	14.6	16	M14x64			163.536 262.721 287.783
238-6	5500	9900	3000	40	115	238	162	251 320 360	93 140 180	125	20.8	18	M16x80			483.000 621.690 675.220

尺寸图
dimensioned drawing

25.1 TMG

Series TMG-6

膜片联轴器
Steel disc-pack coupling



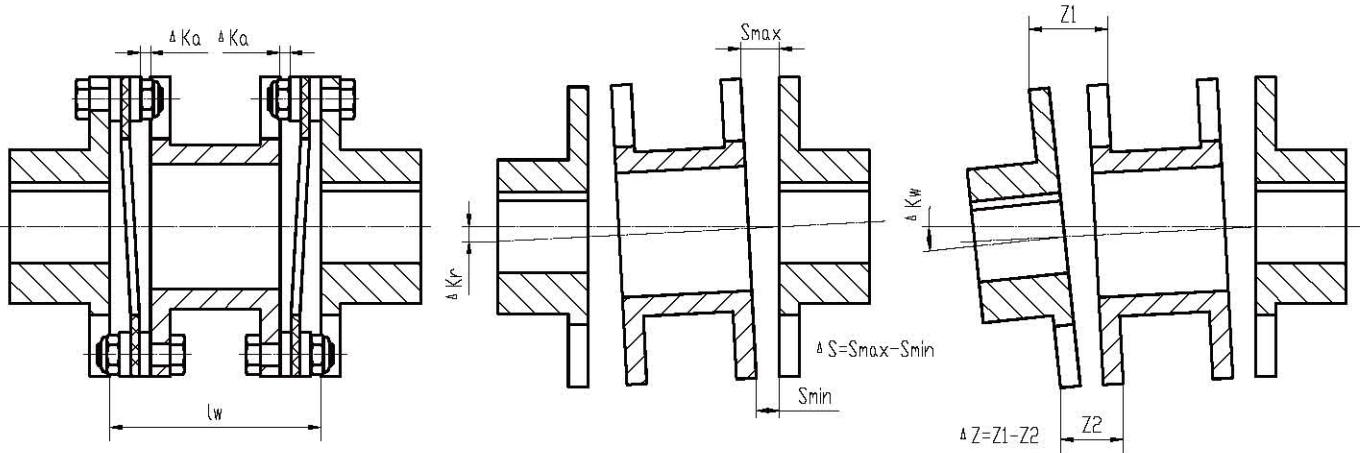
规格 Size	公称扭矩 nominal torque	最大扭矩 maximum torque	速度 speed	尺寸 Dimension								螺栓 bolts	螺栓 bolts	总重量 Total weight	转动惯量 Moment of inertia
series TMG	T_{KN} $\Delta KW=0.5$ Nm	T_{Kmax} Nm	min^{-1}	d_1/d_2 max mm	D_b mm	B mm	C mm	D mm	L mm	L_w mm	I_1 mm	M mm	M1 mm	kg	$kg \cdot m^2$
118-6	490	900	取决于制动盘的直径 depends on ϕ of brake disc	55	355 400	30 30	67	118	317	207	55	M8x40	M8x70	31 38	0.40 0.62
142-6	900	1650		65	400 450	30 30	72	142	327	207	60	M10x47	M10x77	44 52	0.65 1.01
168-6	1650	3000		80	450 500 560	30 30 30	87	168	357	207	75	M12x55	M12x85	63 71 83	1.08 1.58 2.40
200-6	2600	4700		100	500 560 630	30 30 30	102	200	387	207	90	M14x64	M14x94	90 102 117	1.75 2.57 3.94
238-6	5500	9900		115	500 560 630	30 30 30	137	238	527	277	125	M16x80	M16x110	110 122 137	1.90 2.85 4.10
250-6	7000	12500		120	500 560 630	30 30 30	112	265	477	277	100	M20x70	M20x100	100 122 137	1.90 2.85 4.10

其它规格取决于客户的要求

Other size upon customer's request.

补偿量表
Compensation table

Series **TMG-6**
膜片联轴器
Steel disc-pack coupling



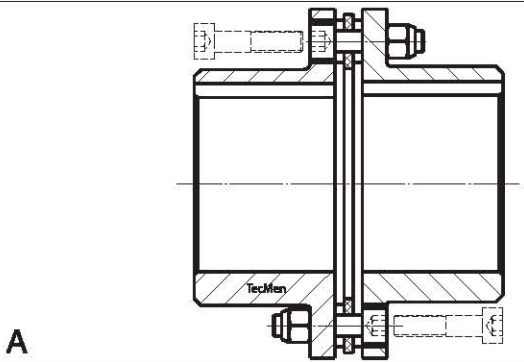
TMG-6	Size	53-6	72-6	89-6	118-6	142-6	168-6	200-6	238-6
Δ Ka [mm]	s1	6.9	7.2	8.5	10.1	11.7	12.7	14.6	20.8
	Δ Ka 最大值	0.8	1.0	1.2	1.6	2.0	2.4	2.8	4.0
Δ Kr [mm]	最大值	$\leq lw \times 0.01$ [mm]							
Δ Kw	最大值 [°]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Δ Z[mm] 最大值	1.0	1.25	1.55	2.0	2.45	2.9	3.5	4.1

1. 偏移量都是单项的最大允许值。如果同时出现各项偏移(Δ Ka+ Δ Kr+ Δ Kw), 这些值只能按比例使用。
2. 为了能把设备在运行中出现的偏移吸收掉, 安装时的偏移量不得超出所列值的 15%。
3. 精确的修正不但能延长联轴器的寿命, 而且能保护连接的轴和轴承。
4. 所有的说明适用于两侧的钢膜片。

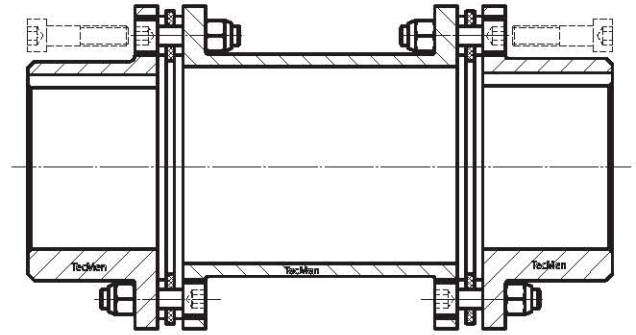
- 1.The figures listed in the table are the max. values for individual displacement of coupling, for combined displacements(Δ Ka+ Δ Kr+ Δ Kw) occur, the figures should be used in proportion.
- 2.In order to fully compensate displacement in the running equipment, the displacement value during assembly must not be exceed 15% of listed value.
- 3.Accurate alignment can extend the lifetime of coupling and protect the connected shaft and bearing.
- 4.Above instructions apply to both sides of steel disc-pack.

典型结构
typical structure

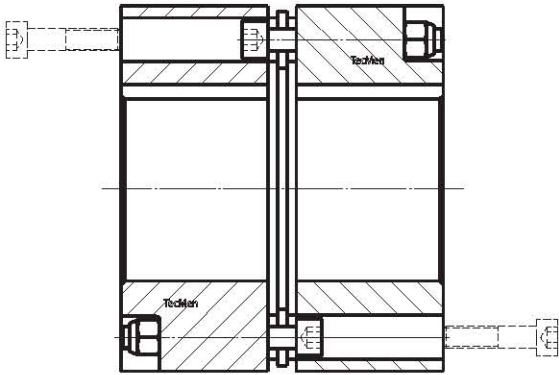
Series **TMG-6**
膜片联轴器
Steel disc-pack coupling



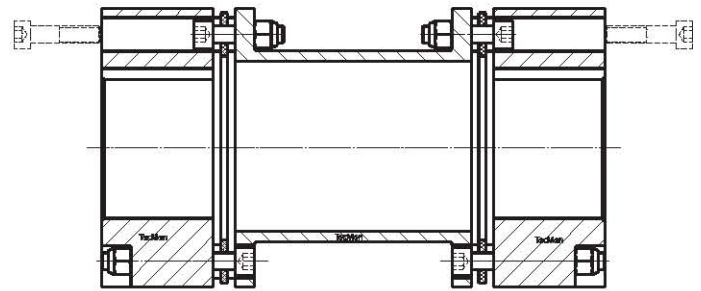
A



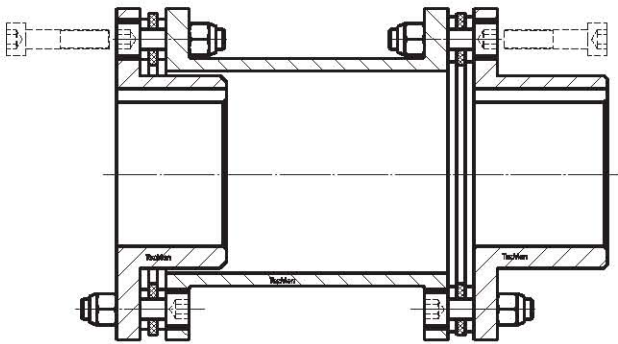
B



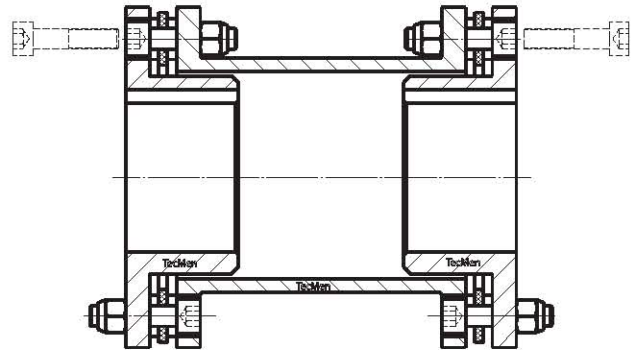
C



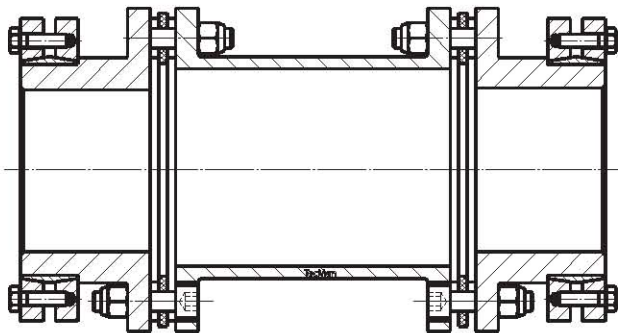
D



E



F



H

按要求选用其它轴与套联接
Other shaft to hub connections
upon request

NOTES

