



EPTDA
Member

TÜV
CERT
DIN EN ISO 9001:2000
Zertifikat-Nr. 71100 E251

DENTEX®/DENTEX® FL – 柔性齿式联轴器

DENTEX®/DENTEX® FL – the flexible coupling

- 通过连接轴的双关节运动,补偿轴向,径向和角度的偏差
- 简单并易于安装
- 良好的电绝缘性
- 良好的耐热性
- 免维护
- *Compensation of axial, radial and angular misalignment of shafts through double cardanic action*
- *Simple and easy assembly*
- *High electrical insulating property*
- *High thermal stability*
- *No maintenance*

技术说明

DENTEX® 是一种柔性齿形联轴器, 其典型特点是在两个轴套上有鼓形齿, 通过与内齿圈啮合传动扭矩。内齿圈带有轴向的平行渐开线齿, 使轴套上的齿保持对中。

联轴器的设计符合径向、角度和轴向偏差的补偿要求, 以便消除连接轴上轴承受到的不可控额外负载。

即使是在最大允许偏差的情况下, 也不会发生齿的边缘接触, 不会有周期性变化的角速度。尼龙材料的内齿圈具有良好的缓冲特性, 并能减少冲击载荷的影响。

DENTEX® 联轴器即能水平安装又能以及垂直安装, 可用于正反转和间歇工作模式。钢 / 尼龙的组合也使其具有无需润滑的优点, 因此, 该联轴器无需任何维护。

尼龙内齿圈具有优异的滑动特性和耐磨性, 特别是结合了韧性、硬度和刚性; 同时, 它能抗冷凝和溅水、发动机燃料、油、油脂、醇类、酯类、酮类、脂肪族、芳香族碳氢化合物和许多其他药剂。然而, 强极性的物质, 如浓缩无机酸、甲酸、甲酚、醇、苯醇可以在高温下溶解尼龙。

在 -25°C 至 +80°C 的温度范围内, 联轴器能保证最大的运行可靠性。当温度高达 140°C 时, 必须使用热稳定尼龙的内齿圈。

Technical description

The DENTEX®-Coupling is a flexible gear coupling whose typical features are two congruent hubs with crowned teeth which transmit torque by meshing with the internal toothing of a housing component. The coupling sleeve with axially parallel involute gearing is centered at the tooth flanks of the coupling hub.

The coupling design meets the requirement to compensate radial, angular and axial shaft displacements in order to release the neighbouring shaft bearings from non-controlled, additional loads.

Even with the maximum permissible displacement edge contact of the teeth is excluded and there will be no periodic variation of the angular velocity. The high internal cushioning properties of the plastic material used for the coupling sleeve reduce the effect of shock loading.

DENTEX®-Couplings are suitable both for horizontal and vertical shaft connection, for reversing and intermittent service. The steel/plastic combination also has the advantage that no lubrication by oil or grease is required; the coupling, therefore, does not need any maintenance.

The 6.6-polyamide used for the coupling sleeve excels by its excellent sliding properties and wear resistance especially by the combination of toughness, hardness and rigidity; it is also resistant to condensation and splash water, engine fuels, oils, greases, alcohols, esters, ketones, aliphatic and aromatic hydrocarbons and many other agents. However, substances of strongly polar character such concentrated mineral acids, formic acid, cresol, glycol, benzyl alcohol can dissolve 6.6-polyamide at high temperature.

Maximum service reliability is guaranteed at temperatures in the range from -25 °C up to +80 °C. It is necessary to use a coupling sleeve in heat stabilised polyamide for temperature up to 140 °C.

型号 Model type

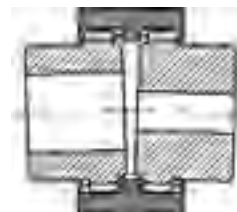
KL		B 42 . 38 H 7		L = 60		SO		
标准 Standard	-	轴套型号 Type of hub		加长轴套长度 Extended hub length		非标 Special machining		
加紧式轴套 Clamping hub	KL							
B系列 Series B								14
								24
								28
								32
								38
								42
								48
								55
								65
B3R系列 Series B3R		80						
		100						
		24						
B3R/B4R系列 Series B3R/B4R		28						
		32						
		45						
		65						
		80						
		100						
成品孔径举例 Example finish bores		Ung.		盲孔 – Unbored		花键 Splines		
Vorg.		预制孔 – Prebored						
38H7		ISO-标准 H7-ISO-Standard H7						
B17		锥孔 – Tapered						
F		英制孔 – Inch bored						
SAE 16/32Z13		SAE						
A35 x 31		DIN 5482						
N30 x 2 x 14 x 9G		DIN 5480						

DENTEX® - IEC 标准电机联轴器**DENTEX®-Couplings for IEC standard motors**

电机规格 Motor size	轴 Shaft D x l [mm]		n = 750 [1/min] 功率 P Power P		Dentex® 型号 Type	TK max [Nm]	n = 1000 [1/min] 功率 P Power P		Dentex® 型号 Type	TK max [Nm]	n = 1500 [1/min] 功率 P Power P		Dentex® 型号 Type	TK max [Nm]	n = 3000 [1/min] 功率 P Power P		Dentex® 型号 Type	TK max [Nm]
	1500 [1/min]	3000 [1/min]	kW	TAN [Nm]			kW	TAN [Nm]			kW	TAN [Nm]			kW	TAN [Nm]		
56	9 x 20		–	–	14	20	–	–	14	20	0.06	0.40	14	20	0.09	0.30	14	20
											0.09	0.60			0.12	0.40		
63	11 x 23		–	–			–	–			0.12	0.90			0.18	0.60		
											0.18	1.20			0.25	0.90		
71	14 x 30		–	–			–	–			0.25	1.80			0.37	1.30		
											0.37	2.5			0.55	1.9		
80	19 x 40		–	–	19	32	0.37	3.70	19	32	0.55	3.70	19	32	0.75	2.50	19	32
							0.55	5.50			0.75	5.00			1.10	3.70		
90S	24 x 50		–	–	24	40	0.75	7.90	24	40	1.10	7.50	24	40	1.50	4.90	24	40
90 L							1.10	11.00			1.50	10.00			2.20	7.40		
100 L	28 x 60		0.75	11	28	90	1.50	15.00	28	90	2.20	15.00	28	90	3.00	9.80	28	90
			1.10	16							3.00	20.00			4.00	13.00		
112 M			1.50	21			2.20	22.00			4.00	27.00			4.00	13.00		
132 S	38 x 80		2.20	29	38	160	3.00	30.00	38	160	5.50	36.00	38	160	5.50	18.00	38	160
															7.50	25.00		
132 M			3.00	40			4.00	39.00			7.50	49.00			–	–		
							5.50	55.00										
160 M	42 x 110		4.00	54	42	200	7.50	74.00	42	200	11.00	72.00	42	200	11.00	35.00	42	200
			5.50	74											15.00	49.00		
160 L			7.50	100			11.00	108.00			15.00	98.00			18.50	60.00		
180 M	48 x 110		–	–	48	280	–	–	48	280	18.50	121.00	48	280	22.00	72.00	48	280
180 L			11.00	147			15.00	147.00			22.00	144.00			–	–		
200 L	55 x 110		15.00	196	55	500	18.50	185.00	55	500	30.00	195.00	55	500	30.00	97.00	55	500
							22.00	215.00							37.00	117.00		
225 S	60 x 140	55 x 110	18.50	245	65	780	–	–	65	780	37.00	245.00	65	780	–	–		
225 M			22.00	294			30.00	292.00			45.00	294.00			45.00	146.00		
250 M	65 x 140	60 x 140	30.00	390			37.00	361.00			55.00	357.00			55.00	176.00	65	780
280 S	75 x 140	65 x 140	37.00	490	80	1400	45.00	440.00	80	1400	75.00	487.00	80	1400	75.00	245.00		
280 M			45.00	585			55.00	536.00			90.00	584.00			90.00	294.00		
315 S	80 x 170		55.00	715			75.00	730.00			110.00	714.00			110.00	350.00		
315 M			75.00	970	100	2400	90.00	876.00	100	2400	132.00	857.00	100	2400	132.00	420.00		
315 L			90.00	1170			110.00	1070.00			160.00	1030.00			160.00	513.00	80	1400
			110.00	1420			132.00	1280.00			200.00	1290.00			200.00	641.00		

技术数据 Technical data

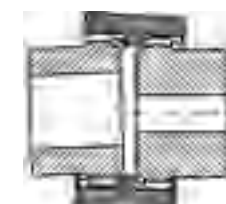
型号 Type		转速 Rotation	扭矩 Torque [Nm]		功率 P Power P [kW/min-1]		最大偏差 Max. misalignment [mm]		
		n max [1/min]	Normal T _{KN}	Max. T _K	Normal	Max.	axial	径向或角度 radial or angular	
B-14		8000	10	20	0.0010	0.0021	± 1	± 0.3	± 1 每个轴套 per hub
B-19		8000	16	32	0.0017	0.0033			
B-24		8000	20	40	0.0021	0.0042		± 0.4	
B-28		8000	45	90	0.0047	0.0094			
B-32		7000	60	120	0.0063	0.0130			
B-38		6000	80	160	0.0084	0.0170			
B-42		5400	100	200	0.0100	0.0200			
B-48		5000	140	280	0.0150	0.0290			
B-55		4000	250	500	0.0260	0.0520			
B-65		3800	390	780	0.0410	0.0800		± 0.6	
B-80		3000	700	1400	0.0730	0.1500	± 0.7	± 0.4	
B-100		2400	1250	2400	0.0130	0.2500	± 0.8		
	24	10200	20	40	0.0020	0.0040			
B3R	28	8300	45	90	0.0045	0.0095			
	32	7000	80	160	0.0084	0.0170			
	45	5000	140	280	0.0150	0.0290			
B3R	65	3800	390	780	0.0410	0.0800	± 0.6		
B4R	80	3000	700	1400	0.0730	0.1500	± 0.7		
	100	2400	1250	2400	0.1300	25.000	± 0.8		



角度偏差
Misalignment angular



径向偏差
Misalignment radial



角度-径向复合偏差
Misalignment angular-radial

安装指导

在安装时, 轴套正确地安装在轴上, 并且调整好尺寸 E 是非常重要的。可以通过调整总安装长度 L 来调整 E 的尺寸。

尺寸 E 安装不准确将影响联轴器的性能。在运行之前, 应检查联轴器的尼龙内齿圈是否能轴向的最小移动量。

允许偏差值与转速和传递的功率有关。

Assembly instruction

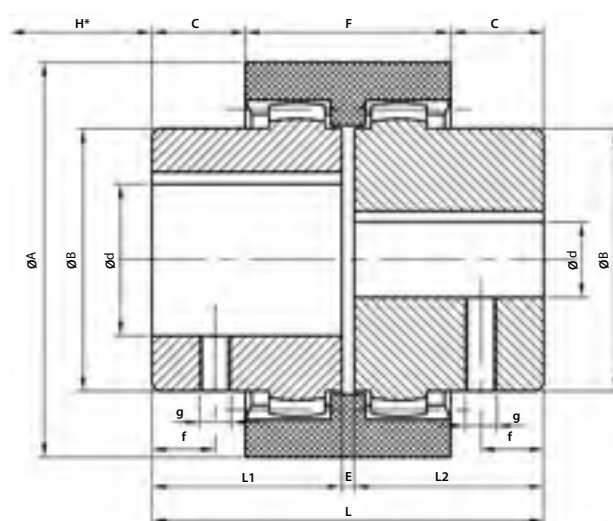
On assembly it is important that the hubs are correctly fitted on the shafts and that the dimension E is maintained. The dimension E can be controlled by the total assembly length L.

An inexact dimension E has a negative influence on the performance of the coupling. Before set into operation is to be checked if the coupling sleeve has a minimal axial movement.

The permissible displacement values depend on rotation and transmitted power.

DENTEX®- 联轴器B系列尺寸

Dimensions DENTEX®-Couplings, series B



型号 Type	预制孔径 Pre-bored	成品孔径 Finish bores d [mm]													加长轴套长度 Extended hub length	重量 Weight	转动惯量 Moment of inertia
			max.	A	B	L	L1 + L2	E	H*	C	F	g	f	L2			
B-14	5	6	14	40	25	50	23	4	15	6.5	37	M5	6	40	0.175	0.000030	
B-19	8	9	19	48	30	54	25	4	17	7.0	37	M5	6	–	0.320	0.000470	
B-24	9	10	24	52	36	56	26	4	17	7.5	41	M5	6	50	0.316	0.000093	
B-28	9	10	28	66	44	84	40	4	20	19.0	46	M8	10	55	0.739	0.000310	
B-32	11	12	32	76	50	84	40	4	20	18.0	48	M8	10	55	0.950	0.000550	
B-38	12	14	38	83	58	84	40	4	20	18.0	48	M8	10	60	1.220	0.000870	
B-42	16	20	42	92	65	88	42	4	22	19.0	50	M8	10	60	1.490	0.001400	
B-48	16	20	48	100	68	104	50	4	22	27.0	50	M8	10	60	1.810	0.001800	
B-55	–	25	55	125	83	124	60	4	30	30.0	65	M10	20	–	3.450	0.004600	
B-65	0/30	10/32	65	140	96	144	70	4	32	36.0	72	M10	20	–	5.180	0.009900	
B-80	–	30	80	175	124	186	90	6	45	46.5	93	M10	20	–	11.50	0.037000	
B-100	35	40	100	210	152	228	110	8	55	63.0	102	M12	30	–	20.50	0.115600	

H* 是联轴器径向脱开的最小尺寸。

成品孔径根据ISO标准H7, 键槽根据DIN 6885, 表 1 (JS9)。

重量和转动惯量是在最大孔径不带键槽条件下的数值。

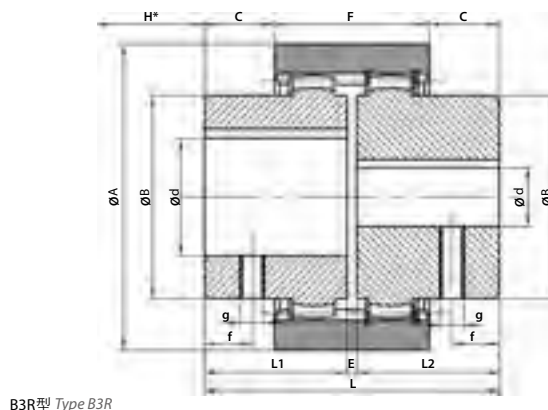
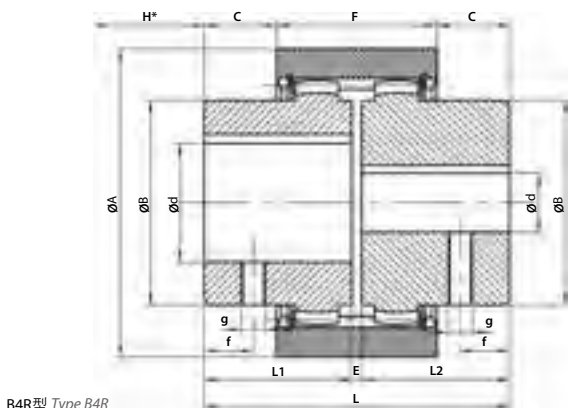
H* is the minimum dimension required for the disassembly of the aggregates in a radial direction.

Finish bores acc. to ISO-standard H7, keyway acc. to DIN 6885, sheet 1 (JS9).

Weight and moment of inertia values refer to maximum diameter d without keyway.

DENTEX®- 联轴器B4R系列尺寸

Dimensions DENTEX®-Couplings, series B4R with outer bearing rings and seeger circlips



型号 Type	成品孔径 Finish bores d [mm]												重量 Weight kg	转动惯量 Moment of inertia J [kg m²]
	min.	max	A	B	L	L1 + L2	E	H*	C	F	g	f		
B4R 32	12	32	84	50	84	40	4	18.0	13.0	58	M8	10	1.1	0.0007
B4R 45	20	42	100	65	88	42	4	18.0	14.0	60	M8	10	1.5	0.0017
B4R 65	25	65	140	96	144	70	4	15.0	30.0	84	M10	20	5.4	0.0118
B4R 80	30	80	175	124	186	90	6	3.5	46.5	93	M10	20	11.7	0.0385
B4R 100	40	100	210	152	228	110	8	-	63.0	102	M12	30	20.8	0.0987

DENTEX®- 联轴器B3R系列尺寸

Dimensions DENTEX®-Couplings, series B3R with inner and outer seeger circlips

型号 Type	成品孔径 Finish bores d [mm]												重量 Weight kg	转动惯量 Moment of inertia J [kg m²]
	min.	max	A	B	L	L1 + L2	E	H*	C	F	g	f		
B3R 24	10	24	58	36	56	26	4	23.5	2.5	51	M5	6	0.3	0.0001
B3R 28	10	28	70	44	84	40	4	26.0	14.0	56	M8	10	0.8	0.0004
B3R 32	12	32	84	50	84	40	4	27.0	13.0	58	M8	10	1.1	0.0007
B3R 45	20	42	100	65	88	42	4	28.0	14.0	60	M8	10	1.5	0.0016
B3R 65	25	65	140	96	144	70	4	40.0	30.0	84	M10	20	5.4	0.0115
B3R 80	30	80	175	124	186	90	6	45.0	46.5	93	M10	20	11.6	0.0378
B3R 100	40	100	210	152	228	110	8	49.0	63.0	102	M12	30	20.7	0.0974

H* 是联轴器径向脱开的最小尺寸。

成品孔径根据ISO标准H7，键槽根据DIN 6885，表 1 (JS9)。

重量和转动惯量是在最大孔径不带键槽条件下的数值。

H* is the minimum dimension required for the disassembly of the aggregates in a radial direction.

Finish bores acc. to ISO-standard H7, keyway acc. to DIN 6885, sheet 1 (JS9).

Weight and moment of inertia values refer to maximum diameter d without keyway.

标准公制孔径 *Standard metric bores*

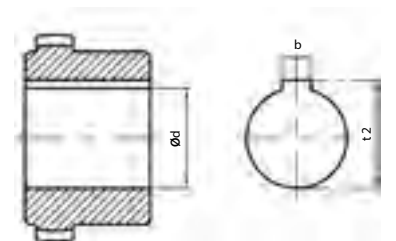
型号 Type	成品孔径根据ISO标准H7, 键槽根据DIN 6885, 表 1 (JS9) Finish bores acc. To. ISO-standard H7, keyway acc. To DIN 6885 sheet 1 (JS9)																																					
	6	7	8	9	10	11	12	14	15	16	17	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75	80	85	90	100		
B-14	x	x	x	x	x	x	x	x																														
B-24										x	x	x	x	x	x	x	x																					
B-28							x	x	x	x	x	x	x	x	x	x	x	x																				
B-32									x	x	x			x	x	x	x	x	x	x																		
B-38									x	x	x			x	x	x	x	x	x	x	x	x																
B-42																	x	x	x	x	x	x	x		x	x												
B-48																			x	x	x	x	x	x	x	x	x											
B-55																		x	x	x	x	x	x	x	x	x	x	x										
B-65																					x	x	x	x	x	x	x	x	x									
B-80																						x	x	x	x	x	x	x	x	x								
B-100																										x		x	x	x								
B3R 45															x		x	x			x	x	x	x	x													
B4R 45															x		x	x			x	x	x	x	x													

标准英制孔径 *Standard inch bores*

型号 Type	V	TA	DNC	DNH	Ad	AS	A	G	GS	F	B	Bs	H	Hs	Sb	Sd	Js	K	M	C	N	L	KS	NM	D	P	W
B-14																											
B-24		x			x	x	x	x		x																	
B-28	x	x		x	x	x	x	x		x		x		x	x	x							x				
B-32												x			x												
B-38				x			x	x	x	x		x			x	x		x	x	x			x				
B-42				x			x	x		x						x	x	x	x	x							
B-48								x		x		x			x			x	x	x		x	x		x		
B-55								x		x		x						x	x	x		x	x			x	
B-65								x		x		x						x	x	x		x					x
B-80																		x				x					
B-100																											

英制孔径尺寸 *Dimensions inch bores*

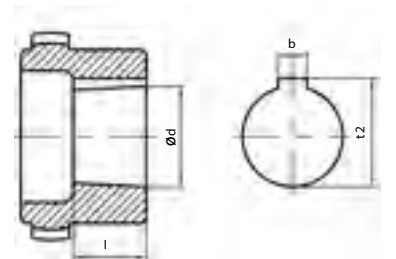
代码 Code	ø d [mm]	键槽 Keyway b [mm]	t2 [mm]	代码 Code	ø d [mm]	键槽 Keyway b [mm]	t2 [mm]	代码 Code	ø d [mm]	键槽 Keyway b [mm]	t2 [mm]
V	11.11 H7	3.18	12.34	G	22.22	4.75	24.7	C	38.07	9.55	43
TA	12.7	3.17	14.3	F	22.22	6.35	25.2	N	41.29	9.55	46.1
DNC	13.45 H7	3.17	14.9	B	25.37	4.78	27.8	L	44.45	11.11	49.5
S	15.87	3.97	17.9	BS	25.38	6.37	28.3	NM	47.625	12.73	53.4
E	15.87	3.17	17.5	H	25.4	4.78	27.8	DS	50.77	12.73	56.4
ES	15.88	4	17.7	SB	28.6	6.35	32.1	D	50.8	12.73	55.1
ED	15.89	4.75	18.3	SD	28.58	7.93	32.1	P	53.95	12.73	59.6
DNH	17.465	4.75	19.6	JS	31.75	6.35	34.62	W	60.37	15.87	68.8
Ad	19.02	3.17	20.7	K	31.75 K7	7.93	35.5	WN	73.025	19.05	83
AS	19.02	4.78	21.3	KS	31.75	7.93	36.6	WA	85.78	22.22	97.3
A	19.05	4.78	21.3	M	34.94	7.93	39	WK	92.08	22.22	103.3



锥孔 *Tapered bores*

代码 Code	锥度 1:8 Taper 1:8			
	ø d	b	t2	l
...N/1	9.75	2.4	10.7	17
...N/1c	11.6	3	12.9	16.5
...N/1e	13	2.4	13.8	21
...N/1d	14	3	15.5	17.5
...N/1b	14.3	3.2	15.7	19.5
...N/2	17.28	3.2	18.2	24
...N/2a	17.28	4	18.9	24
...N/3	22	4	23.4	28
...N/4	25.46	4.78	27.8	36
...N/4b	25.46	5	28.2	36
...N/4a	27	4.78	28.8	32.5
...N/4g	28.45	6	29.3	38.5
...N/5	33.17	6.38	35.4	44
...N/5a	33.17	7	35.4	44
...N/6	43.05	7.95	46.5	51
...N/6a	41.15	8	44.2	42.5

代码 Code	锥度 1:5 Taper 1:5			
	ø d	b	t2	l
A10	9.85	2	10.9	11.5
B17	16.85	3	18.9	18.5
C20	19.85	4	22.0	21.5
Cs22	21.95	3	23.8	21.5
D25	24.85	5	27.9	26.5
E30	29.85	6	32.5	31.5
F35	34.85	6	37.5	36.5
G40	39.85	6	45.5	41.5



花键孔根据DIN 5480, DIN 5482. 可选SAE。
Hubs with spline acc. to DIN 5480, DIN 5482 and SAE available.

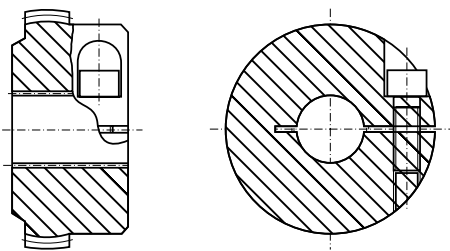
DENTEX® FL- 柴油机法兰联轴器

DENTEX® FL 联轴器, 由玻璃纤维增强尼龙法兰, 并满足上述安装间隙要求, 适合所有传统柴油发动机。

DENTEX® FL 允许带键连接柴油发动机和液压泵, 并使液压泵与 SAE 壳体对中。

采用 DENTEX® FL 联轴器, 由于其扭转刚度, 因而能避免共振的危险。

当液压泵轴带齿 (根据标准 DIN 5480, 5482, SAE) 时, 无法通过端面压板和螺丝来固定轴套, 这时可以采用夹紧式轴套来连接。其径向夹紧能保证与泵轴的配合。



订单举例: DENTEX® 48 FL, SAE 法兰, 规格 10, 加工孔径和轴套长度 Ø 40 x 50

Ordering example: Type and clutch size DENTEX® 48 FL, SAE flange size 10, manufacturing bore and hub length Ø 40 x 50

DENTEX® FL

- 安装长度极短
- 可采用推入配合式装配进行盲装
- 钢和尼龙的组合, 免维护。
- 玻璃纤维增强的尼龙内齿圈, 耐热温度可达 +120°C
- 轴向位移可高达 ± 2mm, 防止对轴上相邻的轴承产生附加载荷
- 可提供特殊的法兰

DENTEX® FL 技术数据 Technical data DENTEX® FL

扭矩 / 重量 / 转动惯量 / 扭转刚度 Torque / Weight / Moment of inertia / Rotating spring stiffness

规格* Size*	扭矩 in (Nm) Torque in (Nm)			重量 / 转动惯量 Weight / Moment of inertia	最大孔径-Ø Hub at max. bores-Ø	法兰 SAE Flanges SAE						扭转刚度 Rotating spring stiffness [Nm 7 rad]
	T _{KN}	T _{Kmax}	T _{KW}			6 1/2"	7 1/2"	8"	10"	11 1/2"	14"	
42	240	480	120	[kg]	0.675	0.40	0.52	0.50	0.7500			0.30 TKN = 35x10 ³
				[kgm ²]	0.0006	0.0025	0.0045	0.0048	0.0100			0.50 TKN = 75x10 ³
48	240	480	120	[kg]	0.790	0.32	0.43	0.51	0.6400			0.75 TKN = 105x10 ³
				[kgm ²]	0.0007	0.0021	0.0035	0.0049	0.0085			1.00 TKN = 125x10 ³
65	650	1600	325	[kg]	2.190				0.6400	0.890		0.30 TKN = 110x10 ³
				[kgm ²]	0.0039				0.0065	0.012		0.50 TKN = 160x10 ³
80	1200	3000	600	[kg]	5.200					1.120		0.30 TKN = 200x10 ³
				[kgm ²]	0.0151					0.022		0.50 TKN = 410x10 ³
80	1200	3000	600	[kg]	5.200						7.35	0.75 TKN = 580x10 ³
				[kgm ²]	0.0151						0.187	1.00 TKN = 700x10 ³

*可提供高承载能力的轴套 *Hubs resistant against high loads are available on request

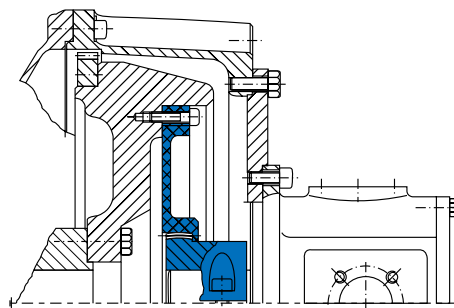
DENTEX® FL-Couplings are unyielding to rotation flange couplings for diesel driven units.

The glass-fibre reinforced polyamide coupling flange of the DENTEX® FL-Couplings are based on the above mentioned mounting clearances for all conventional Diesel engines.

The DENTEX® FL-Coupling allows a keyed connection between Diesel engine and hydraulic pump. The pump is to be centred over the SAE-housing.

The application of the DENTEX® FL-Coupling results in a non-critical service on account of the coupling stiffness, as the hazard of a rotating oscillation during the drive will be avoided.

Should the securing of the hub by means of end-disc and screw not be possible in the case of pump shafts with profiled gear teeth (acc. to Standardization DIN 5480, 5482, SAE), the use of a clamping hub connection should be considered. The radial distortion guarantees a fit on the pump shaft which is free from clearance.



典型应用举例: DENTEX® FL 联轴器安装在柴油发动机和液压泵之间。

Typical example for an installation of DENTEX® FL-Coupling between diesel engine and hydraulic pump

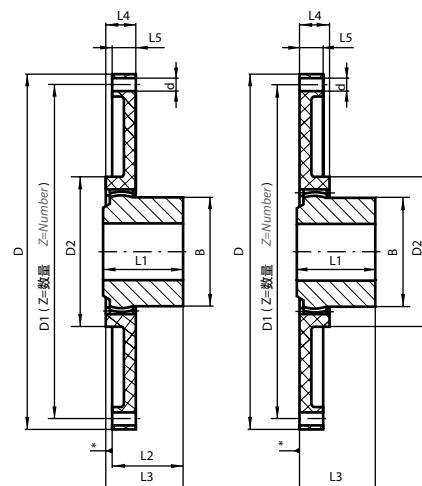
DENTEX® FL

- Minimum mounting length
- Blind mounting through push-fit assembly
- Maintenance-free on account of the steel/plastic combination
- Glass-fibre reinforced polyamide coupling sleeve heat resistant up to +120 °C
- High axial play of ± 2 mm protecting neighbouring shaft bearings from additional loads
- Special flanges available

DENTEX® FL-联轴器 DENTEX® FL-Couplings**SAE-法兰尺寸 (SAE J 620) SAE-Flange dimensions (SAE J 620)**

名义尺寸 Nominal dimension	分度圆-Ø Circular bore-Ø	外径-Ø Outer-Ø	螺栓孔 Ø Borehole Ø	数量 Number
	D1 mm	D mm	mm	z
6 1/2"	200.02	215.9	9	6
7 1/2"	222.25	241.3	9	8
8"	244.47	263.52	11	6
10"	295.27	314.32	11	8
11 1/2"	333.37	352.42	11	8
14"	466.72	438.15	14	8

*2半*2-parts

*短安装和长安装
* Stop side mounting short**公制法兰直径 Metrical flange dimensions**

名义尺寸 Nominal dimension	分度圆-Ø Circular bore-Ø	外径-Ø Outer-Ø	夹紧式孔径 Ø Clamping borehole Ø	中心-Ø Center-Ø
	D1 mm	D mm	mm	
96	50	96	4 x 8	70
125	100	125	3 x 8	80
135	100	135	3 x 10,5	135
150	130	150	5 x 8	106
152	122	152	3 x 12	105
155	125	155	3 x 12	155
210	185	210	3 x 10	125
220	165	220	6 x 10	220
220	185	220	3 x 12	125

可提供165、180和252的尺寸 Dimension 165, 180 and 252 on request

SAE法兰和轴套的尺寸 Flange and hub dimensions SAE

规格 Size	成品孔径 Finish bores		尺寸 [mm] Dimension [mm]							特殊长度 [mm] Special lengths [mm]	根据标准SAE 名义尺寸 Nominal dimension acc. standartization SAE					
	min.	max.	B	D2	L1	L2	L3	L4	L5	L1 max	6 1/2"	7 1/2"	8"	10"	11 1/2"	14"
42	20	42	65	100	42	33	42	20	13	60	x	x	x	x		
48	20	48	68	100	50	41	50	20	13	60	x	x	x	x		
65	25	65	96	132	70	60	70	27	21	-				x		
65	25	65	96	172	70	60	70	31	22	-					x	
80	30	80	124	172	90	78	87	30	21	-					x	x

菜单式DENTEX® FL-法兰联轴器 Menu table DENTEX® FL-flange coupling

名义尺寸 Nominal dimension	Dentex® 轴套型号 DENTEX® hub-Type	引擎生产商 (举例) Engine manufacturer (examples)
6 1/2"	B 42/48	Ford, Hatz, KHD, Kubota, Lister Petter, Lombardini, Perkins, Ruggerine, Slanzi, Teledyne
7 1/2"	B 42/48	Ford, Hatz, Isuzu, KHD, Kubota, Lister Petter, Lombardini, Mitsubishi, Perkins, Toyota, Yanmar
8"	B 42/48	Cummins, Ford, Hatz, Isuzu, KHD, Lister Petter, Lombardini, Mitsubishi, Perkins, Peugeot, Slanzi, Teledyne, Toxota
10"	B 42/48	Cummins, Hatz, Isuzu, KHD, Kubota, Lombardini, Lister Petter, Mitsubishi, Perkins, Slanzi, Toyota
10"	B 65	Caterpillar, Cummins, Detroit Diesel, Daimler-Benz, Ford, Hercules, Isuzu, John Deere, KHD, Lister Petter, Perkins, Slanzi
11 1/2"	B 65	Cummins, John Deere, Deutz
14"	B 80	Cummins, John Deere, Deutz
96 mm	B 80	Caterpillar, Lister Petter, Deutz, John Deere, Cummins
125 mm	B 42/48	Hatz Z 788/789/790
135 mm	B 42/48	Kubota-650, 750, 850, 950, V 1100, 1200, Super 5 Serie (905 – 1505), Perkins 103-10
150 mm	B 42/48	Kubota-D600B, Z400, D722, V800, WG600, WG750 (Super Mini Serie), Briggs Daihatsu DM700, DM950
152 mm	B 42/48	Hatz-573, 673, 780, 786, E71, E75, E79 (分度圆/ circular bore- Ø 122 mm), Perkins-4108, 504-2T/2LR Deutz-F2L511 (分度圆/ circular bore- Ø 125 mm)
155 mm	B 42/48	Perkins 103-12/13/15, 104-22
210 mm	B 42/45/48	Kubota Super 3 Serie, D1403, D1703, V1903, V2203
220 mm	B 42/45/48	Kubota Super 3 Serie, D1403, D1703, V1903, V2203 (分度圆/ circular bore- Ø 165 mm 和/and 中心-/Center- Ø 220 mm)
220 mm	B 42/45/48	Kubota Super 3 Serie, D1403, D1703, V1903, V2203 (分度圆/ circular bore- Ø 185 mm 和/and 中心-/Center- Ø 125 mm)