

**巨鹿县** JULU COUNTY

**斌昊传动设备有限公司**

BINHAO TRANSMISSION EQUIPMENT CO., LTD

中国制造 走向世界

MADE IN CHINA

GO TO THE WORLD ARENA



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# 企业介绍

巨鹿县斌昊传动设备有限公司成立于2015年，坐落于河北省邢台市巨鹿县工业园区，占地30亩，拥有1.2万平方米标准化厂房及120余名员工。作为高新技术企业，公司专注于联轴器产品的研发、设计、制造与销售，主营ML梅花联轴器、NL齿式联轴器、XL星型联轴器、TGL鼓形齿式联轴器、JM膜片联轴器、钟型罩及橡胶制品弹性垫等20多个系列200多种产品，旗下“斌昊”品牌在业内享有盛誉。

公司配备国际先进的加工检测设备，并建成自动化联轴器试验中心，产品广泛应用于冶金、矿山、电力、石油、化工、建材、船舶、通用机械等核心工业领域，市场覆盖全国并远销海外。为持续推动产品创新与工艺升级，公司与高校合作共建A级联轴器技术研究中心，并取得14项专利。

多年来斌昊始终秉持“质量第一、服务第一、时效第一”经营理念，并构建了现代化管理体系，打造了一支高效的管理与生产团队，并逐步完善了国内外营销网络，荣获《高新技术企业》、《河北省制造业单项冠军》、《河北省专精特新中小企业》、《河北省创新型中小企业》、《河北省科技型中小企业》等证书及荣誉，并通过ISO9001国际质量管理体系认证。未来十年，斌昊将持续强化技术研发与品质管控，深化国际市场布局，矢志成为具有全球影响力的联轴器专业制造商。



## ENTERPRISE INTRODUCTION

Julu County Binhao Transmission Equipment Co., Ltd. Established in 2015 and located in the Industrial Park of Julu County, Xingtai City, Hebei Province, Binhao covers an area of 30 acres with 12,000 square meters of standardized workshops and over 120 employees. As a high-tech enterprise, we specialize in R&D, design, manufacturing, and sales of coupling products. Our portfolio includes 200+ products across 20+ series such as ML plum blossom couplings, NL gear couplings, XL star-type couplings, TGL drum gear couplings, JM diaphragm couplings, bell housings, and rubber elastic pads. The "Binhao" brand enjoys high reputation in the industry.

Equipped with internationally advanced processing and testing facilities, we operate an automated coupling testing center. Our products are widely applied in core industrial sectors including metallurgy, mining, power generation, petroleum, chemical, building materials, marine, and general machinery, serving domestic and global markets. To drive innovation, we collaborate with universities to establish a Class-A Coupling Technology Research Center and hold 14 patents.

Adhering to the philosophy of "Quality First, Service First, Efficiency First," Binhao has implemented modern management systems and built high-performance teams. Our expanding global sales network has earned us honors including High-Tech Enterprise, Hebei Province Manufacturing Single Champion, Hebei Specialized and Innovative SME, Hebei Innovative SME, and Hebei Technology-Based SME, alongside ISO 9001 certification. Over the next decade, Binhao will intensify R&D, enhance quality control, and expand international presence, striving to become a globally influential coupling specialist.



# 02

## COMPANY HONOR

### 企业荣誉

会保障厅  
AND SOCIAL SECURITY

# 创河北未来

“邮储银行”活动总结  
暨河北省重点群 动启动仪式



2022年董事长李现锋被授予“河北省创业之星”荣誉称号



# 03

## QUALITY ASSURANCE

### 品质保证

我们的产品和服务质量是卓越的，  
因为我们专注于满足客户的期望和需求，  
持续改进和创新，并始终以诚信和责任心为基础。

Our product and service quality is excellent,  
Because we focus on meeting customer expectations and needs,  
Continuously improve and innovate, always based on integrity and responsibility.





## 专业定制服务方案

### Professional customized service plan

我们的专业团队将为您提供个性化的解决方案，  
我们承诺为您提供优质、高效的服务，  
并确保您的满意度。

Our professional team will provide you with personalized solutions,  
We promise to provide you with high-quality and efficient services,  
And ensure your satisfaction.

## 高新先进技术

### High tech and advanced technology

公司采用高新先进技术，以创新驱动为核心，  
不断推动产品升级和技术创新。

The company adopts high-tech and advanced technology,  
with innovation driven as its core,  
Continuously promote product upgrades and technological  
innovation.



## 追求卓越品质

### Pursuing Excellent Quality

多年的不懈追求，  
让我们在产品和服务上实现了卓越品质的突破和提升。

Over 20 years of unremitting pursuit,  
We have achieved breakthroughs and improvements in  
excellent quality in our products and services.

## 专业的服务团队

### Professional service team

专业客服团队，助力用户选用性价比最高的产品，  
更快更精细化，更有效更专业的售前售后服务。

Our professional customer service team helps users choose the  
products with the best cost performance.

Faster, more refined, more effective and more professional pre-sale  
and after-sale services.





高标准要求，100%放心选择

High standard requirements, 100% assured choice

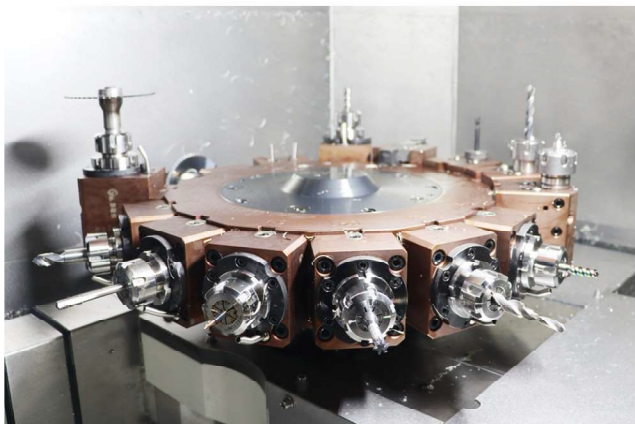
全程苛刻要求，铸就完美品质

## 精益质量生产 Lean Quality Production

以质量为核心  
不断追求卓越品质和效率提升

Focusing on quality  
Continuously pursuing excellence in quality and  
efficiency improvement





## 精密工艺管理 Precision Process Management

以精度为核心  
不断追求设备升级和工艺技术的提升

With precision as the core  
Constantly pursue equipment upgrading and the improvement of  
process technology

## 精诚合作控制 Sincere cooperation control

以共同目标为导向  
不断凝聚团队共识和优化协作流程

Guided by common goals,  
Continuously consolidating team consensus and  
optimizing collaborative processes





三坐标检测

Three coordinate detection



键槽检测

Keyway detection



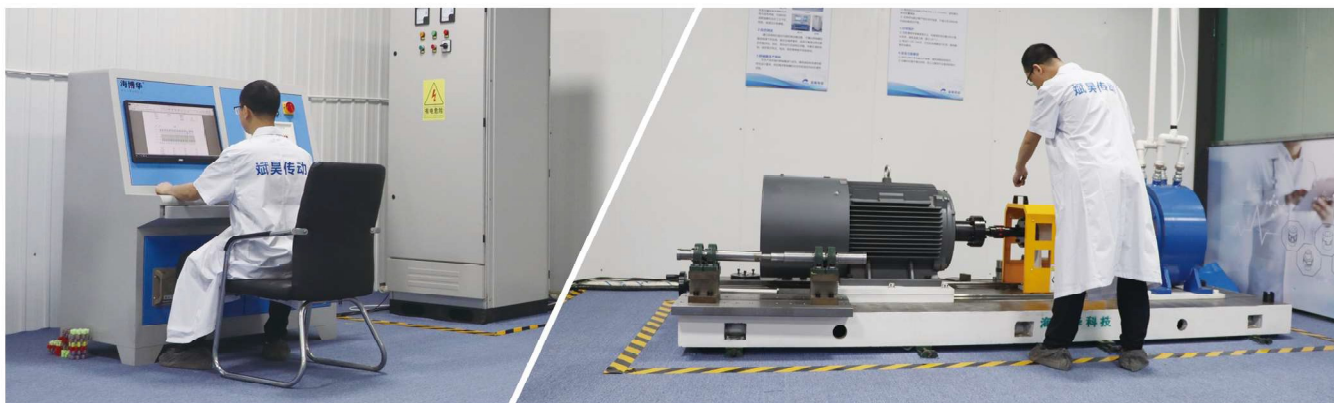
校准量具

Calibrating measuring tools



内孔检测

Bore inspection



动态扭矩试验 Dynamic torque test



静态扭矩实验  
Static torque experiment



弹性垫硬度测试  
Hardness test of elastic pads



表面光洁度检测  
Surface finish inspection



盐雾实验  
Salt spray test



工作噪音检测  
Dynamic noise detection



动平衡检测  
Dynamic balance detection



影像测量仪  
Image measuring instrument

检验设备是品质控制的基石  
能够提高产品的品质和可靠性

Inspection equipment is the cornerstone of quality control  
Can improve product quality and reliability

# 04

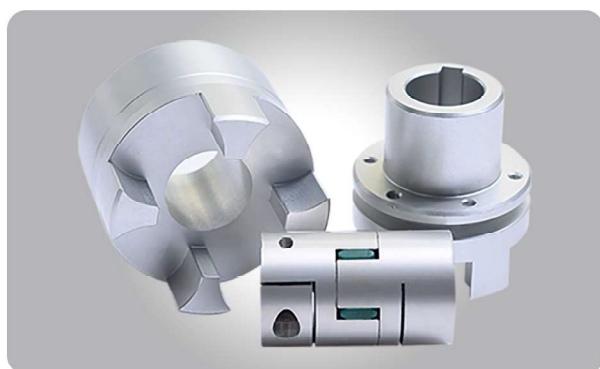
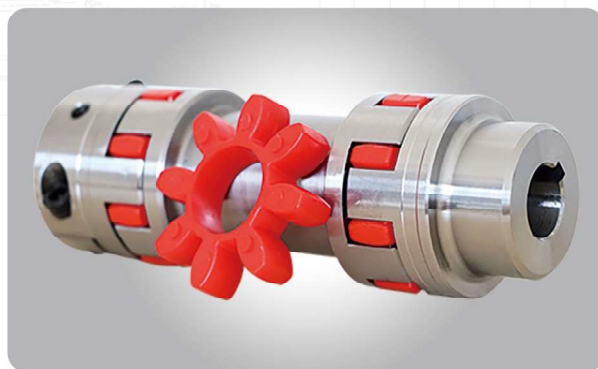
## MAIN PRODUCTS

主要产品

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▶ **星型系列联轴器** Star series coupling



**精益求精**

**不断追求完美和卓越**

*Striving for excellence*

*Continuously pursuing perfection and excellence*



▶ **梅花系列联轴器** Plum blossom series coupling



▶ **齿式系列联轴器** Toothed series coupling



**匠心独具**

创造非凡价值

*Unique craftsmanship*

*Creating extraordinary value*



▶ **夹壳** Clamp shell



▶ **GIICL鼓型齿** GIICL drum shaped teeth



▶ **DJM膜片** DJM diaphragm



▶ **HL柱销** HL pillar pin



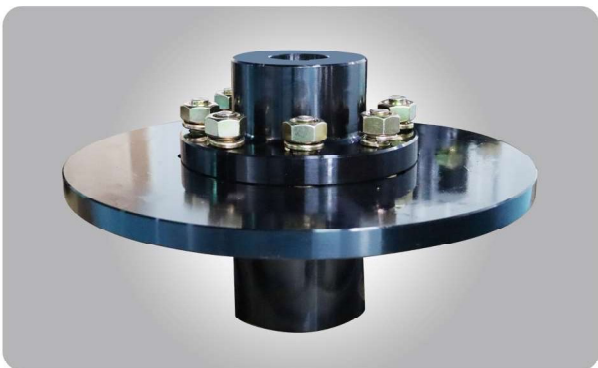
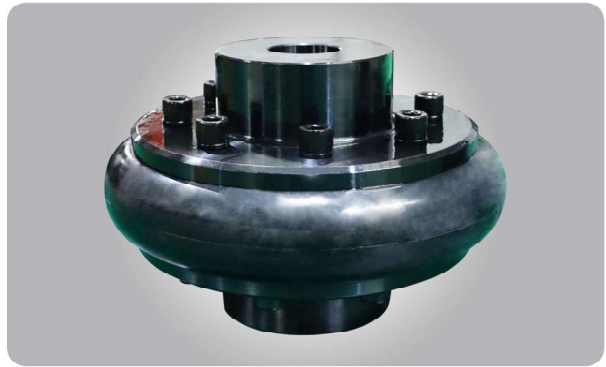
▶ **ZL柱销** ZL pillar pin



▶ **TL柱销** TL pillar pin



▶ **其他定制系列** Other customized series

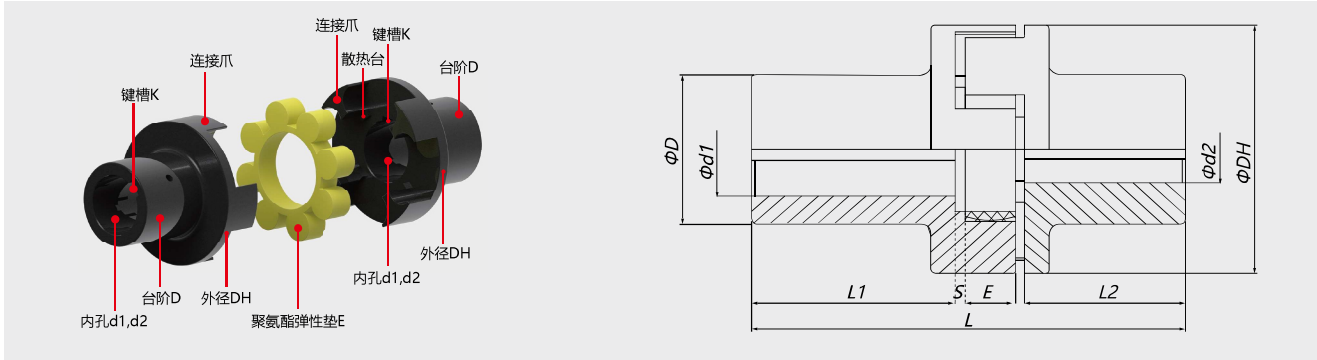


▶ **其他定制系列** Other customized series



# ML 型梅花弹性联轴器

## Type plum blossom elastic coupling



### 产品性能>>> Performance

- ML梅花联轴器是一种适用于联接两同轴线的传动轴系的机械装置，通过两个带凸爪的部件啮合并利用弹性元件承受径向挤压传递扭矩，在轴线偏移时自动补偿轴向、径向和角向位移。可适用于起动频繁、正反转、中高速及中等扭矩场景设计，广泛应用于冶金、矿山、石油化工等行业。
- The ML plum blossom coupling is a mechanical device suitable for connecting two coaxial transmission shaft systems. It transmits torque by meshing two components with protruding claws and using elastic elements to bear radial compression. It automatically compensates for axial, radial and angular displacements when the shaft is offset. It can be applied to scenarios with frequent starts, forward and reverse rotations, medium and high speeds, and medium torque, and is widely used in industries such as metallurgy, mining, and petrochemicals.

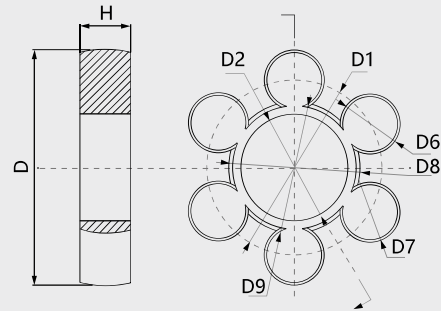
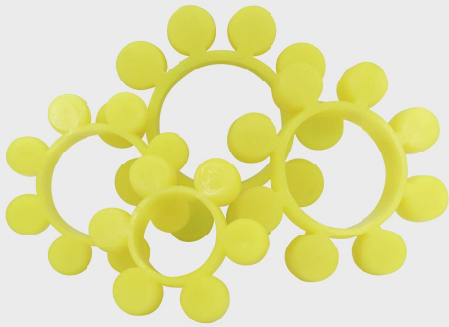
### 基本参数>>> Basic parameters

型号 Model	外径 DH	台阶 D	轴孔直径 d1,d2	轴孔长度 L1,L2	散热台 S	弹性垫 E	总长 L	公称转矩 Tn/N·m	许用转速 [n]/r·min
ML1	49	40	10 / 11 / 12 / 14	35	0	12	82	25	15300
		40	15 / 16 / 17 / 18 / 19 / 20 / 22	40			92		
		44	24 / (25)	50			112		
		—	(28) / (30)	60			132		
ML2	69	50	12 / 14 / 16 / 17 / 18 / 19 / 20 / 22	42	0	18	102	100	10900
		50	24 / 25	52			122		
		55	28 / 30 / 32	62			142		
		60	(35)	62			142		
ML3	83	65	(38) / (40)	82	0	18	182	140	9000
		60	14 / 16 / 17 / 18 / 19 / 20 / 22	42			102		
		60	24 / 25	52			122		
		65	28 / 30 / 32 / 35 / 38	62			142		
ML4	105	65	38 / 40	82	3.5	20	182	250	7300
		75	42 / 45 / (48)	112			242		
		65	18 / 19 / 20 / 22	42			111		
		65	24 / 25	52			131		
ML5	125	65	28 / 30 / 32 / 35	62	4	25	151	400	6100
		65	38 / 40	82			191		
		75	22 / 24 / 25	52			137		
		75	28 / 30 / 32 / 35	62			157		
ML6	145	90	42 / 45 / 48 / 50 / (55)	112	4.5	30	197	630	5300
		85	24 / 25 / 28 / 30 / 32 / 35	62			163		
		85	38 / 40	82			203		
		100	42 / 45 / 48 / 50 / 55	112			263		
ML7	170	105	60 / 65	142	5.5	30	323	1120	4500
		100	30 / 32 / 35	62			165		
		100	38 / 40	82			205		
		115	42 / 45 / 48 / 50 / 55	112			265		
ML8	200	120	60 / 65 / 70 / 75	142	6.5	35	325	1800	3800
		130	30 / 32 / 35 / 38 / 40	82			212		
		130	42 / 45 / 48 / 50 / 55	112			272		
ML9	230	150	42 / 45 / 48 / 50 / 55	112	7.5	35	332	2800	3300
		130	60 / 65 / 70 / 75	142			334		
		130	80 / 85 / 90 / 95	172			394		
ML10	260	180	70 / 71 / 75	142	7.5	45	344	4500	2900
		150	80 / 85 / 90 / 95	172			404		
		150	100 / 110	212			484		
ML11	300	200	80 / 85 / 90 / 95	172	8.5	50	411	6300	2500
		180	100 / 110 / 120	212			491		
		180	90 / 95	172			417		
ML12	360	225	100 / 110 / 120 / 125	212	9	55	497	11200	2100
		200	130	252			577		
		200	100 / 110 / 120 / 125	212			497		
ML13	400	250	130 / 140	252	9	55	577	12500	1900
		250	130 / 140	252			577		

产品参数如有变动，恕不另行通知

# MT 型聚氨酯梅花弹性垫

## Polyurethane plum blossom elastic cushion



### 产品性能>>> Performance

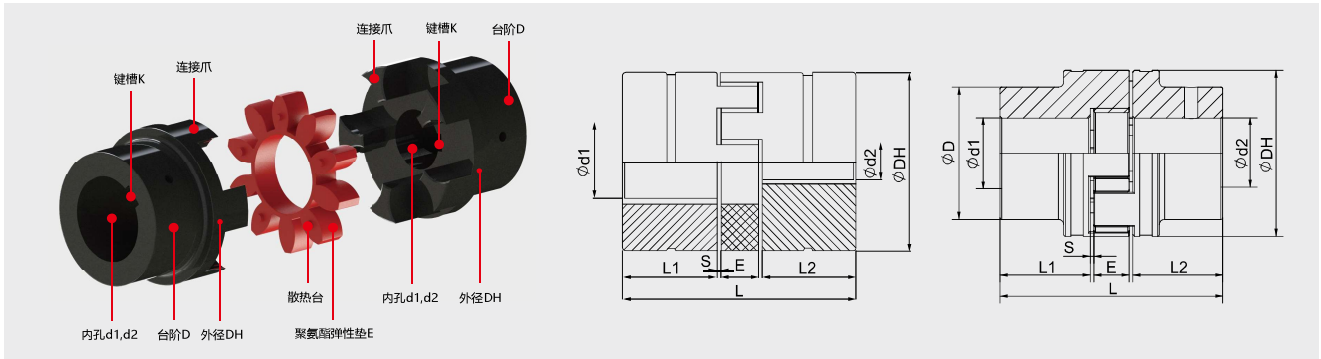
- MT梅花弹性垫是联轴器中采用聚氨酯或橡胶材质的核心缓冲元件，通过梅花状弹性体结构实现减振、缓冲与扭矩传递的功能，其专为中高速设备设计，凭借耐磨、耐油及耐高温特性，广泛应用于矿山机械、冶金设备等工业传动系统。
- The MT plum blossom elastic pad is a core buffering component in couplings made of polyurethane or rubber. It achieves the functions of vibration reduction, buffering and torque transmission through a plum blossom-shaped elastic body structure. It is specially designed for medium and high-speed equipment. With its wear resistance, oil resistance and temperature resistance, it is widely used in industrial transmission systems such as mining machinery and metallurgical equipment.

### 基本参数>>> Basic parameters

型号 Model	D	D1	D2	D9	D8	D7	D6	H	瓣数	重量(克)
MT1	48	30	19	23	25	16	18	12	4	46
MT2	68	48	28	34	36	18	20	18	6	46
*MT2	66	47	28	33	35	17	19	18	6	46
MT3	82	60	33	42	44	20	22	18	6	60
*MT3	89	59	33	41	43	20	22	18	6	60
MT4	100	72	42	51	54	25	28	20	6	105
MT5	122	90	52	62	65	29	32	25	6	175
MT6	140	104	65	71	78	33	36	30	6	265
MT7	166	130	90	100	105	33	36	30	8	355
MT8	196	156	100	112	117	37	40	35	8	540
*MT8	194	155	100	112	115	35	39	35	8	500
MT9	225	180	115	130	135	42	45	35	10	850
MT10	255	205	140	154	160	46	50	45	10	1300
*MT10	255	200	150	162	168	40	45	45	10	1030
MT11	295	245	170	187	195	46	50	50	10	1560
MT12	356	300	215	235	245	51	56	55	12	2400
MT13	391	335	250	275	285	51	56	55	12	2650

# XL/GR 星型弹性联轴器

## Star shaped elastic coupling



### 产品性能>>> Performance

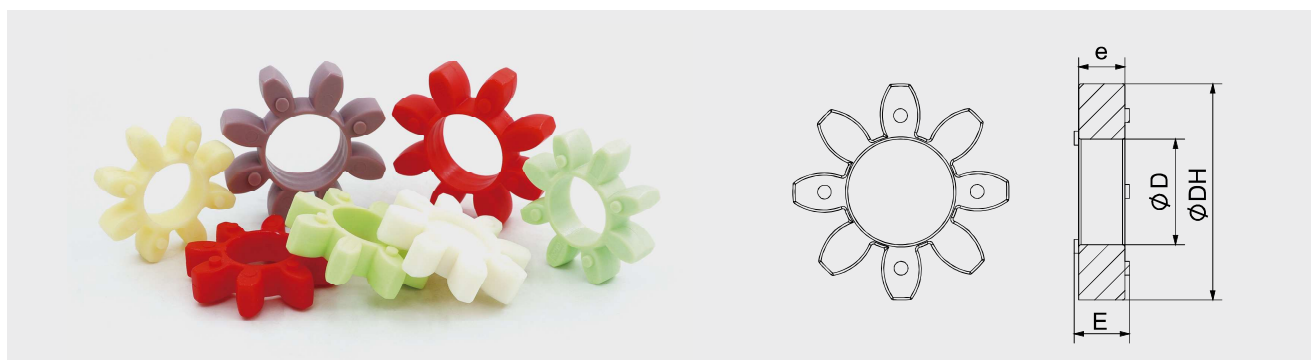
- 聚氨酯弹性体由凸型爪块限制，可避免由于冲击产生的内部变形及离心力产生的外部变形；
- 凸爪大的凹面，可减小渐开线齿上的表面压力；
- 具有补偿两轴相对偏移、缓冲、减震、耐磨性能；
- 适用于联接两同轴线的传动轴系，适应场合普遍。
- Polyurethane elastomers are limited by convex claw blocks, which can avoid internal deformation caused by impact and external deformation caused by centrifugal force;
- The concave surface with large protrusions can reduce the surface pressure on the involute teeth;
- Capable of compensating for relative deviation between two axes, buffering, shock absorption, and wear resistance;
- Suitable for connecting two coaxial transmission shaft systems, suitable for general occasions.

### 基本参数>>> Basic parameters

型号 Model	外径 DH	台阶 D	轴孔直径 d1,d2	轴孔长度 L1,L2	散热台 S	弹性垫 E	总长 L	公称转矩 Tn/N·m	许用转速 [n]r/min
XL0(GR14)	30	30	8-16	18	1.5	10	50	16	25400
XL1(GR19)	39	39	8-25	25	2	12	66	21	19000
XL2(GR24)	54	40	8-17	30.5	2	13	78	75	13800
		50	18-30						
		54	32-35						
XL3(GR28)	64	48	10-17	35.5	2	15	90	200	11500
		60	18-35						
		64	38-42						
XL4(GR38)	79	66	12-35	46	2	18	114	405	9500
		75	38-48						
		79	50						
XL5(GR42)	94	75	14-30	51	2	20	126	560	8000
		85	32-40						
		92	42-60						
XL6(GR48)	104	85	16-35	57	2	22	140	655	7250
		95	38-45						
		100	48-65						
XL7(GR55)	119	98	18-50	66	2.5	23	160	825	6350
		110	55-70						
		119	75-80						
XL8(GR65)	135	115	20-70	77	2.5	26	185	1175	5650
		135	75-85						
		135	35-85						
XL9(GR75)	158	135	35-85	87	3	30	210	2400	4750
		158	90-95						
		160	40-100						
XL10(GR90)	198	160	40-100	102.5	2.5	35	245	4500	3800
		198	110						
		180	50-100						
XL11(GR100)	225	200	105-110	110	6	38	270	6185	3350
		200	60-110						
		230	115-125						
XL12(GR110)	255	200	60-110	120	6.5	42	295	9000	2950

# GR 星型弹性联轴器缓冲垫

Star shaped elastic coupling cushion



## 产品性能>>> Performance

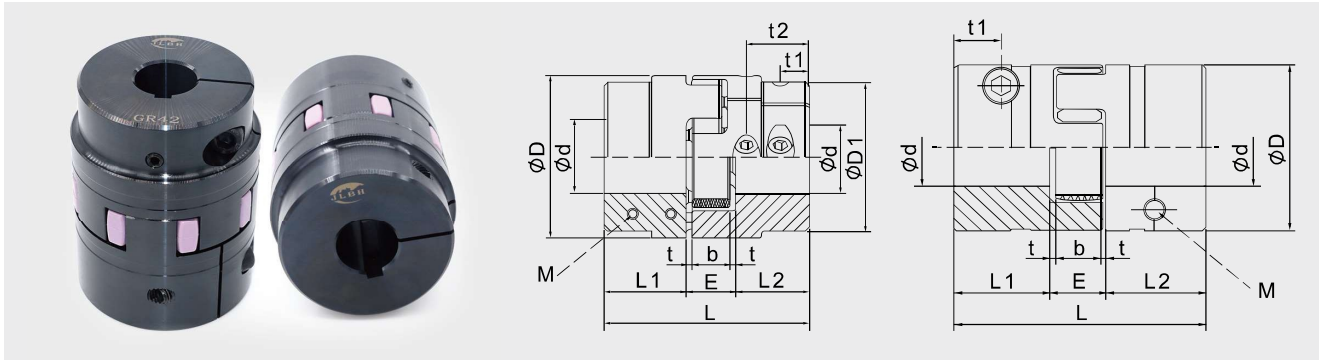
- 产品用途：用于各种传动机械联轴器，作用于传动轴的联接。
- 材质：聚氨酯TPU,PUR
- 产品硬度：92 ShA,98 ShA,64 ShD
- 扭矩：7.5Nm~9000Nm
- 阿克隆磨耗：<0.05Cm<sup>3</sup>/1.61km
- 标准来源：德国KTR
- Product use: Used for various transmission mechanical couplings, serving as a connection for transmission shafts.
- Material: TPU,PUR
- Product hardness: 92 ShA,98 ShA,64 ShD
- Torque: 7.5Nm~9000Nm
- Akron wear:<0.05C m<sup>3</sup>/1.61km
- Standard source: KTR Germany

## 基本参数>>> Basic parameters

型号(model)	DH	D	E	e	瓣数
GR-19	40	18	16	12	6
GR-24	54	26	17	13	8
GR-28	65	30	19	15	8
GR-38	80	38	22	18	8
GR-42	95	46	24	20	8
GR-48	104	51	26	22	8
GR-55	120	60	28	23	8
GR-65	135	68	31	26	8
GR-75	161	81	36	30	10
GR-90	199	100	40	35	10
GR-100	224	111	38	38	10
GR-110	255	121	42	42	10

# XL/GR 星型弹性联轴器夹紧型

## Star shaped elastic coupling clamping type



### 产品性能 >>> Performance

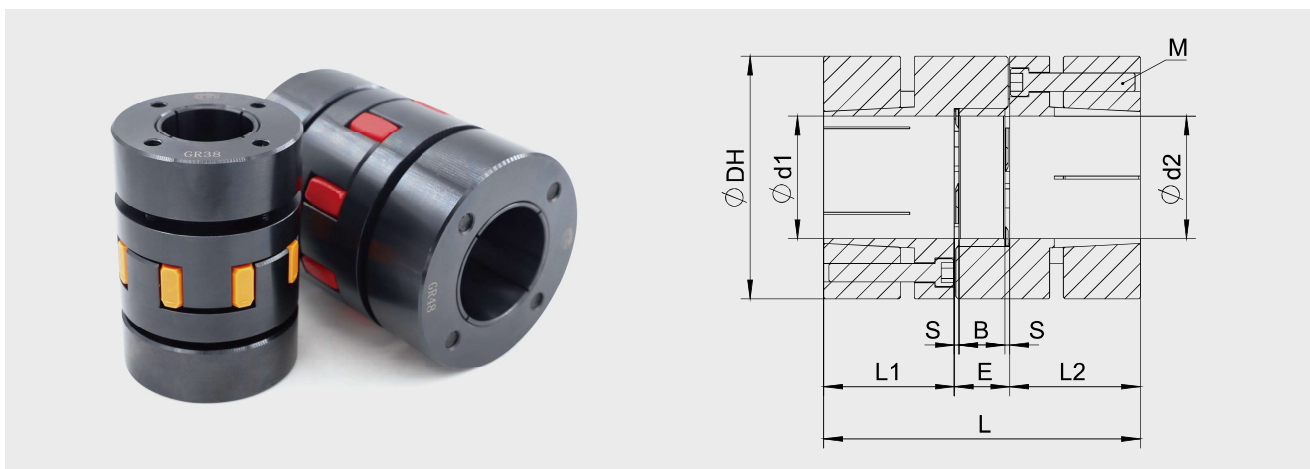
- 聚氨酯弹性体由凸型爪块限制，可避免由于冲击产生的内部变形及离心力产生的外部变形；
- 凸爪大的凹面，可减小渐开线齿上的表面压力；
- 具有补偿两轴相对偏移、缓冲、减震、耐磨性能；
- 适用于联结两同轴线的传动轴系，适应场合普遍。
- Polyurethane elastomers are limited by convex claw blocks, which can avoid internal deformation caused by impact and external deformation caused by centrifugal force;
- The concave surface with large protrusions can reduce the surface pressure on the involute teeth;
- Capable of compensating for relative deviation between two axes, buffering, shock absorption, and durability;
- Suitable for connecting two coaxial transmission shaft systems, suitable for general occasions.

### 基本参数 >>> Basic parameters

型号 (Model)	D	d	D1	L1,L2	t	E	L	M	公称转矩 T <sub>n</sub> /N·m
XL1(GR19)	39	8-20	-	25	2	16	66	M6	21
XL2(GR24)	54	12-32	-	30.5	1.5	17	78	M6	75
XL3(GR28)	64	15-40	-	35.5	2	19	90	M8	200
XL4(GR38)	79	12-24	66	46	2	22	114	M8	405
		25-32	70						
		35-45	75						
XL5(GR42)	94	20-35	75	51	2	24	126	M10	560
		38-55	92						
XL6(GR48)	104	16-35	85	57	2	26	140	M12	655
		38-45	95						
		48-65	100						
XL7(GR55)	119	32-48	98	66	2.5	28	160	M12	825
		50-65	110						
XL8(GR65)	135	32-55	115	77	2.5	31	185	M16	1175
		60-85	135						
XL9(GR75)	158	32-75	135	87	3	36	210	M16	2400
		80-90	151						
XL10(GR90)	198	60-85	160	102.5	2.5	40	245	M20	4500
		90-100	180						
XL11(GR100)	225	50-100	180	110	6	50	270	M20	6185
		105-110	200						
XL12(GR110)	255	60-110	200	120	6.5	55	295	M20	9000
		115-125	230						

# XL/GR 型胀紧套联轴器

type expansion sleeve coupling



## 产品性能>>> Performance

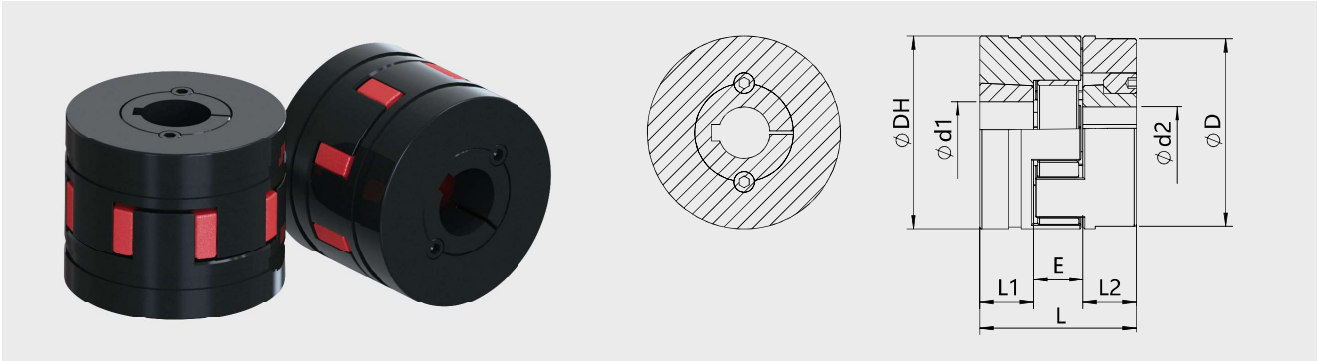
- 经济型零齿隙联轴器，具有良好的传动同步性，专用于伺服电机、步进电机、滚珠丝杠等精密场合；
- 采用胀紧式机构，确保传动的无间隙与同步性，相对于夹紧式结构，传递扭矩更大，耐冲击，转速更高；
- 可较大程度补偿两轴同心度偏差；
- 轴孔尺寸可按需求加工定制公制和英制孔。
- Economical zero backlash coupling with good transmission synchronization, specially designed for precision applications such as servo motors, stepper motors, ball screws, etc;
- Adopting an expansion type mechanism to ensure seamless and synchronous transmission, compared to a clamping type structure, it transmits greater torque, is resistant to impact, and has a higher rotational speed;
- Can compensate for the concentricity deviation of the two axes to a large extent;
- The size of the shaft hole can be customized according to the needs of processing metric and imperial holes.

## 基本参数>>> Basic parameters

型号 Model	公称转矩 Tn/N·m	DH	L	L1,L2	d1,d2	E	B	S	M
XL1(GR19)	21	39	66	25	10-20	16	12	2	M4
XL2(GR24)	60	54	78	30	14-28	18	14	2	M5
XL3(GR28)	160	64	90	35	15-38	20	15	2.5	M5
XL4(GR38)	325	79	114	45	20-45	24	18	3	M6
XL5(GR42)	450	94	126	50	25-50	26	20	3	M8
XL6(GR48)	525	104	140	56	30-55	28	21	3.5	M10
XL7(GR55)	685	119	160	65	35-70	30	22	4	M10
XL8(GR65)	940	135	185	75	40-70	35	26	4.5	M12
XL9(GR75)	1920	158	210	85	42-80	40	30	5	M12
XL10(GR90)	3600	198	245	100	50-105	45	34	5.5	M16

# XL/GR 锥套型弹性联轴器

## Conical sleeve type elastic coupling



### 产品性能 >>> Performance

锥套联轴器由锥套、联轴器、弹性垫三个部分组成，安装时将锥套套在轴上，通过紧固件与联轴器联接，其结构简单、紧凑，能够有效的传递扭矩，并具有良好的轴向和径向定位性能。适用于联接两同轴线，启动频繁、正反转变多的传动轴系。

The cone sleeve coupling consists of three parts: the cone sleeve, the coupling, and the elastic pad. When installed, the cone sleeve is placed on the shaft and connected to the coupling through fasteners. Its structure is simple and compact, which can effectively transmit torque and has good axial and radial positioning performance. Suitable for connecting two coaxial lines, frequent starting, and variable forward and reverse rotation of transmission shaft systems.

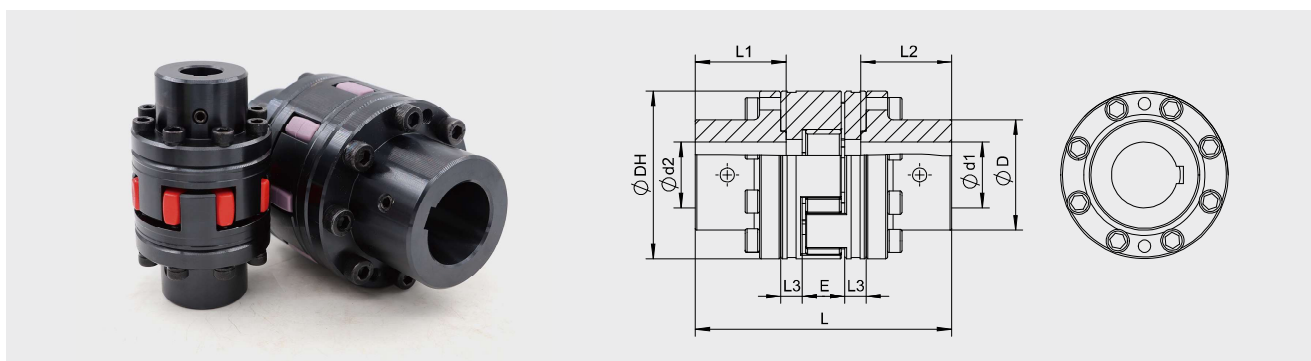
### 基本参数 >>> Basic parameters

型号 Model	DH	D	锥套型号 TB Model	d1,d2	L1,L2	E	L	公称转矩 Tn/N·m	许用转速 [n] r/min
XL2(GR24)	54	54	1008	10-25	22	18	62	75	13800
XL3(GR28)	64	64	1108	10-28	23	20	66	200	11500
XL4(GR38)	79	79	1108	10-28	23	24	70	405	9500
XL5(GR42)	94	94	1610	14-42	26	26	78	560	8000
XL6(GR48)	104	104	1615	14-42	39	28	106	655	7250
XL7(GR55)	119	118	2012	14-50	33	30	96	825	6350
XL8(GR65)	135	115	2012	14-50	33	35	101	1175	5650
XL9(GR75)	158	158	2517	16-60	52	40	144	2400	4750
XL10(GR90)	198	160	3020	25-75	52	45	149	4500	3800
XL11(GR100)	225	180	3535	35-90	90	50	230	6185	3350
XL12(GR110)	255	230	4545	55-110	114	55	288	9000	2950

型号 Model	成品孔 Finished Hole Dia																		
1008	10	11	12	14	16	18	19	20	22	24	25								
1108	10	11	12	14	16	18	19	20	22	24	25	28							
1610	14	16	18	19	20	22	24	25	28	30	32	35	38	40	42				
1615	14	16	18	19	20	22	24	25	28	30	32	35	38	40	42				
2012	14	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	
2517	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	60
3020	25	28	30	35	38	40	42	45	48	50	55	60	65	70	75				
3535	35	38	40	42	45	48	50	55	60	65	70	75	80	85	90				
4545	55	60	65	70	75	80	85	90	95	100	105	110							

# XL/GR 法兰型弹性联轴器

## Flange type elastic coupling



### 产品性能>>> Performance

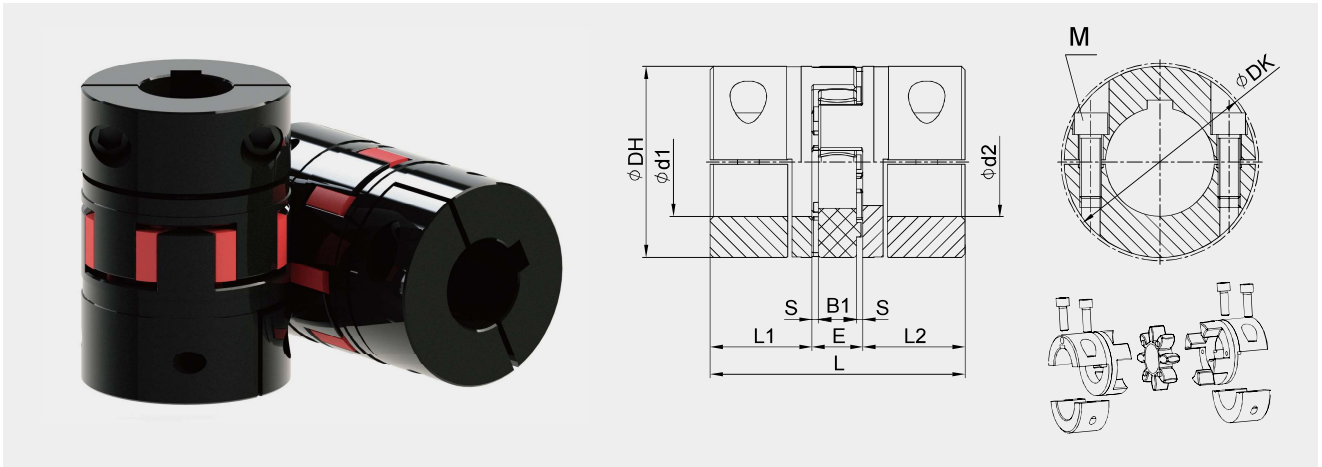
- 双侧轴套采用法兰联接，拆下法兰即可径向装拆，适用于重型机械及通用机械场合；
- 更换弹性体时无需移动两端设备；
- 可较大程度吸收安装同心度偏差；
- 具有缓冲、减震、耐磨、拆装方便等特点；
- 对中轴孔形式：键槽、花键、锥孔、胀套；
- 轴孔尺寸可根据用户需求加工，包括公制与英制；
- The double-sided shaft sleeves are connected by flanges, and can be installed and removed radially by removing the flanges. They are suitable for heavy-duty machinery and general machinery field differences;
- There is no need to move the devices at both ends when replacing the elastomer;
- Can absorb installation concentricity deviation to a large extent;
- Featuring cushioning, shock absorption, wear resistance, and easy disassembly and assembly;
- Form of center shaft hole: keyway, spline, tapered hole, expansion sleeve;
- The size of the shaft hole can be processed according to user needs, including metric and imperial systems;

### 基本参数>>> Basic parameters

型号 Model	DH	D	d1,d2	L1,L2	E	L3	L	公称转矩 Tn/N·m	许用转速 [n] r/min
XL2(GR24)	54	36	10-27	30	18	7.5	94	75	13800
XL3(GR28)	64	42	10-30	35	20	9.5	110	200	11500
XL4(GR38)	79	52	10-38	45	24	9.5	134	405	9500
XL5(GR42)	94	62	14-45	50	26	11	150	560	8000
XL6(GR48)	104	70	14-50	56	28	11	164	655	7250
XL7(GR55)	119	80	14-60	65	30	15	192	825	6350
XL8(GR65)	135	94	14-70	75	35	15	217	1175	5650
XL9(GR75)	158	108	16-80	85	40	17.5	248	2400	4750
XL10(GR90)	198	142	25-105	100	45	18.5	285	4500	3800
XL11(GR100)	225	158	35-115	110	50	23.5	320	6185	3350
XL12(GR110)	255	178	55-130	120	55	24	347	9000	2950

# XL 分离夹紧式联轴器

## Separable clamping type coupling



### 产品性能 >>> Performance

XL星型分离式夹紧联轴器，主体采用45#钢锻造，强度高、耐磨损。双夹紧螺丝配合键槽设计，双重固持轴端连接，传递扭矩更稳定。星型弹性体有效吸收冲击与振动，延长设备寿命。适配标准键槽轴系，适用于机床、重型输送设备等高负荷场景。紧凑结构支持便捷拆装，维护效率提升，保障动力传输精准可靠。

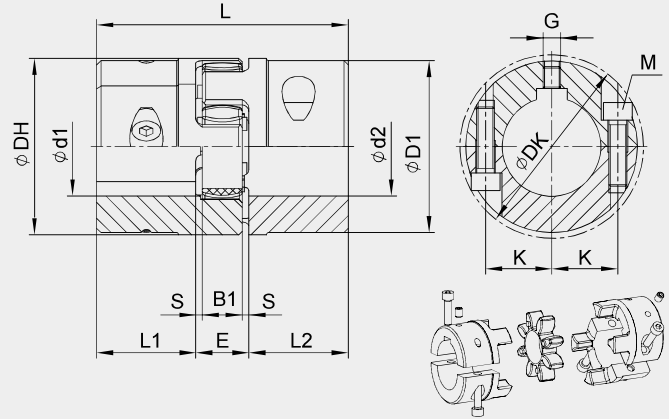
The XL star-shaped split clamping coupling has a main body forged from 45# steel, which is of high strength and wear resistance. The double clamping screws combined with the keyway design provide a double grip on the shaft end connection, ensuring more stable torque transmission. Star-shaped elastomers effectively absorb shock and vibration, prolonging the service life of equipment. It is compatible with standard keyway shaft systems and suitable for high-load scenarios such as machine tools and heavy conveying equipment. The compact structure supports convenient disassembly and assembly, improves maintenance efficiency, and ensures precise and reliable power transmission.

### 基本参数 >>> Basic parameters

型号	最大孔径 d1,d2 max	DH	L	L1,L2	S	B1	E	M	DK	最大扭矩 (Nm) Max Torque	最大转速 rpm
XL1(GR19)	20	39	66	25.5	1.5	12	15	M6	46	34	19000
XL2(GR24)	28	54	78	30.5	2	13	17	M6	57.5	120	14000
XL3(GR28)	38	64	90	35.5	2	15	19	M8	73	320	11800
XL4(GR38)	45	79	114	46	2	18	22	M8	83.5	650	95000
XL5(GR42)	55	94	126	51	2	20	24	M10	97	900	8000
XL6(GR48)	60	104	140	57	2	22	26	M12	108.5	1050	7100
XL7(GR55)	70	119	160	66	2.5	23	28	M12	122	1250	6300
XL8(GR65)	80	135	185	77	2.5	26	31	M12	132.5	1280	5600
XL9(GR75)	90	158	210	87	3	30	36	M16	158	2930	4750
XL10(GR90)	110	198	245	102.5	2.5	35	40	M20	197	7200	3750
XL11(GR100)	110	225	270	110	6	38	50	M20	-	9900	3350
XL12(GR110)	120	255	295	120	6.5	42	55	M20	-	12000	3000

# XL 剖分夹紧式联轴器

## Split clamping type coupling



### 产品性能 >>> Performance

XL星型剖分式夹紧联轴器，主体采用45#钢锻造，强度高、耐磨损。双夹紧螺丝配合键槽设计，双重固持轴端连接，传递扭矩更稳定。星型弹性体有效吸收冲击与振动，延长设备寿命。适配标准键槽轴系，适用于机床、重型输送设备等高负荷场景。紧凑结构支持便捷拆装，维护效率提升，保障动力传输精准可靠。

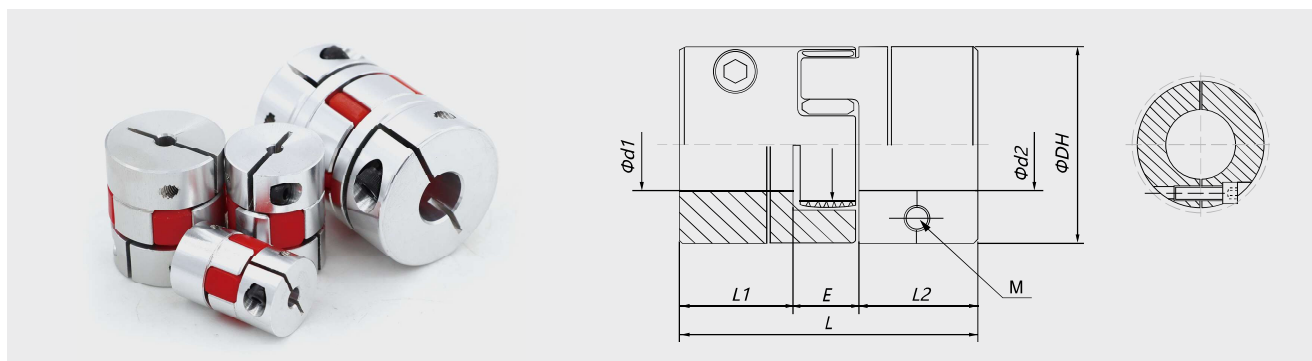
The XL star-shaped split clamping coupling has a main body forged from 45# steel, which is of high strength and wear resistance. The double clamping screws combined with the keyway design provide a double grip on the shaft end connection, ensuring more stable torque transmission. Star-shaped elastomers effectively absorb shock and vibration, prolonging the service life of equipment. It is compatible with standard keyway shaft systems and suitable for high-load scenarios such as machine tools and heavy conveying equipment. The compact structure supports convenient disassembly and assembly, improves maintenance efficiency, and ensures precise and reliable power transmission.

### 基本参数 >>> Basic parameters

型号	最大孔径 d1,d2 max	DH	L	L1,L2	S	B1	E	D1	G	M	DK	最大扭矩 (Nm) Max Torque	最大转速 rpm
XL2(GR24)	28	54	78	30.5	2	13	17	-	M6	M6	57.5	120	14000
XL3(GR28)	38	64	90	35.5	2	15	19	-	M8	M8	73	320	11800
XL4(GR38)	48	79	114	46	2	18	22	75	M8	M8	83.5	650	95000
XL5(GR42)	55	94	126	51	2	20	24	92	M8	M10	97	900	8000
XL6(GR48)	60	104	140	57	2	22	26	100	M8	M12	108.5	1050	7100
XL7(GR55)	70	119	160	66	2.5	23	28	115	M10	M12	122	1250	6300
XL8(GR65)	70	135	185	77	2.5	26	31	131	M10	M12	132.5	1280	5600
	80												
XL9(GR75)	80	158	210	87	3	30	36	151	M10	M16	158	2930	4750
	90												
XL10(GR90)	90	198	245	102.5	2.5	35	40	180	M12	M20	197	7200	3750
	110												

# XL/GR 铝合金夹紧联轴器

## Aluminum Alloy Clamping Coupling



### 产品性能>>> Performance

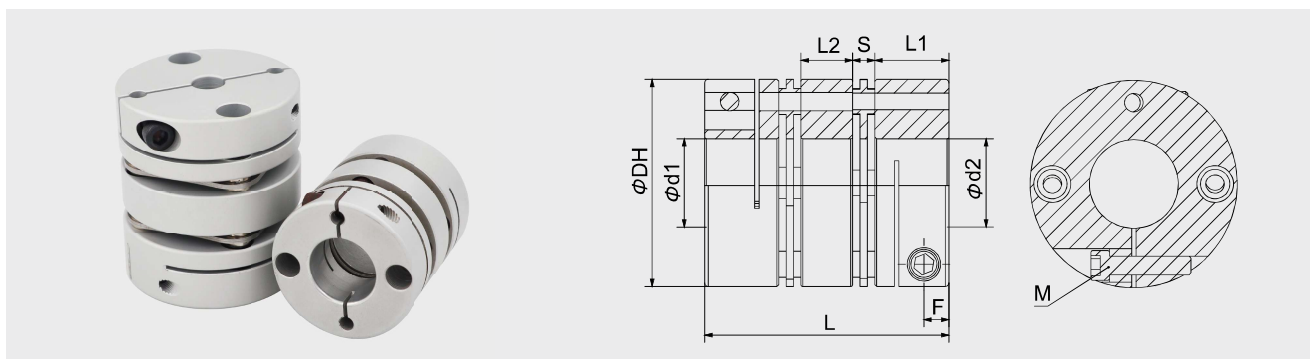
- 轴套采用铝合金材质，在保证硬度的同时大大降低了产品本身的自重；
- 聚氨酯弹性体由凸型爪块限制，可避免由于冲击产生的内部变形及离心力产生的外部变形；
- 凸爪大的凹面，可减小渐开线齿上的表面压力；
- 具有补偿两轴相对偏移、缓冲、减震、耐磨性能；
- 适用于联结两同轴线的传动轴系，适应场合普遍。
- The shaft sleeve is made of aluminum alloy material, which greatly reduces the weight of the product while ensuring hardness;
- Polyurethane elastomers are limited by convex claw blocks, which can avoid internal deformation caused by impact and external deformation caused by centrifugal force;
- The concave surface with large protrusions can reduce the surface pressure on the involute teeth;
- Capable of compensating for relative deviation between two axes, buffering, shock absorption, and wear resistance;
- Suitable for connecting two coaxial transmission shaft systems, suitable for general occasions.

### 基本参数>>> Basic parameters

型号 (Model)	d1,d2	DH	L	L1,L2	E	M	公称转矩 Tn/N·m	许用转速 [n]r/min
XL-14	3-7	14	22	7.5	7	M2.5	1.1	19000
XL-20	4-11	20	30	10	10	M3	2.8	17000
XL-25	4-12	25	33	11	11	M4	6	16000
XL-30	5-16	30	35	11.5	12	M4	6.5	12000
XL-35	5-19	35	50	18.5	13	M4	15	10000
XL-40	6-22	40	66	25.5	15	M5	32	10000
XL-45	8-25	45	56	20.5	15	M5	35	10000
XL-50	8-25	50	56	20.5	15	M6	40	8000
XL-55	8-28	55	78	30.5	17	M6	46	8000
XL-65	14-38	65	90	35.5	19	M8	109	6000
XL-80	14-45	80	114	46	22	M8	135	4600
XL-95	19-50	95	126	51	24	M10	250	3800
XL-105	20-55	105	140	57	26	M12	420	3400
XL-120	22-68	120	160	66	28	M12	520	3000

# SDM 高灵敏性铝合金双膜片夹紧联轴器

High sensitivity aluminum alloy double diaphragm clamping coupling



## 产品性能>>> Performance

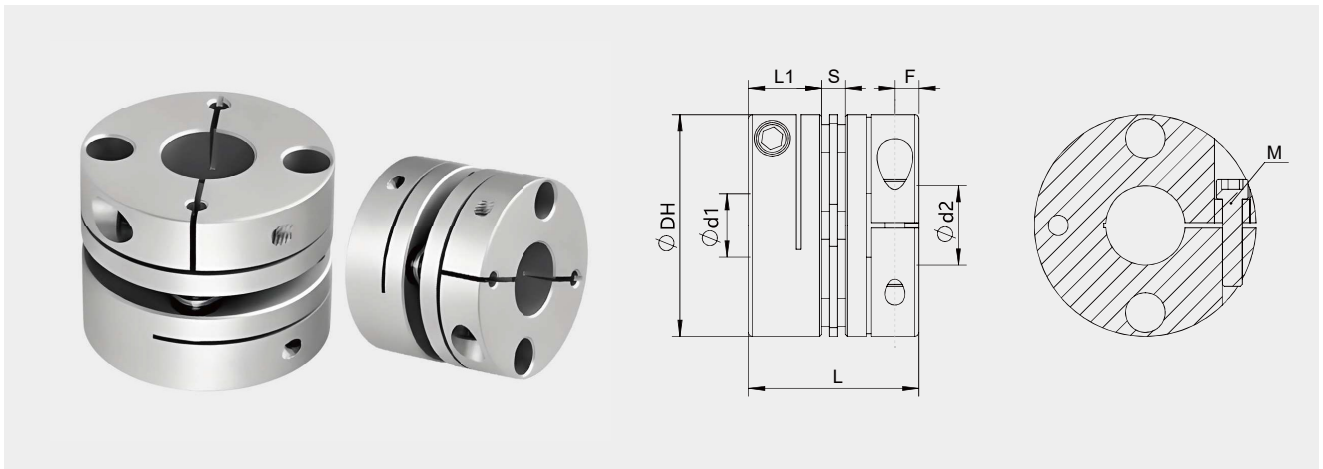
- 轴套采用高强度铝合金;
  - 膜片采用304不锈钢;
  - 扭矩刚性高, 能准确控制轴的旋转, 可进行高精度控制;
  - 专为伺服、步进电机设计;
  - 无间隙的轴和轴套联接, 适用于正反转;
  - 低惯量, 适用于高速运转;
  - 夹紧螺丝紧固方式。
- The shaft sleeve is made of high-strength aluminum alloy;
  - The diaphragm is made of 304 stainless steel;
  - High torque rigidity, able to accurately control shaft rotation and achieve high-precision control;
  - Specially designed for servo and stepper motors;
  - Seamless shaft and sleeve connection, suitable for forward and reverse rotation;
  - Low inertia, suitable for high-speed operation;
  - Clamping screw tightening method.

## 基本参数>>> Basic parameters

型号 Model	d1,d2	DH	L	L1	L2	S	F	M	拧紧扭矩 Nm
SDM-12X15.9	3-4-5	12	15.9	5.9	3	0.55	2.2	M1.6	0.23~0.28
SDM-16X23	3-4-5-6	16	23	7.55	4.1	1.9	2.6	M2	0.4~0.5
SDM-19X27	3-4-5-6-6.35-7-8	19	27	9.15	5.3	1.7	3.2	M2.5	1
SDM-20X28.8	3-4-5-6-6.35-7-8	20	28.8	10.75	4.3	1.5	3.2	M2.5	1
SDM-26X35	5-6-6.35-7-8-9-9.525-10-11-12-14	26	35	11.45	7.1	2.5	4	M3	1.5
SDM-29X34.3	5-6-6.35-7-8-9-9.525-10-11-12-14	29	34.3	11.85	6.6	2.0	4	M3	1.5
SDM-32X41	5-6-6.35-8-9-9.525-10-11-12-12.7-14-15	32	41	12.25	9.5	3.5	4	M3	1.5
SDM-33X40	5-6-6.35-8-9-9.525-10-11-12-12.7-14-15-16	33	40	12.5	8	3.5	4	M3	1.5
SDM-34X45	5-6-6.35-8-9-9.525-10-11-12-12.7-14-15-16	34	45	14.25	9.5	3.5	5	M4	3.5
SDM-39X50	8-9-9.525-10-11-12-12.7-14-15-16-17-18-19	39	50	15	11	4.5	5.2	M4	3.5
SDM-44X50	8-9-9.525-10-11-12-12.7-14-15-16-17-18-19-20-22	44	50	15	11	4.5	5.2	M4	3.5
SDM-56X64	10-12-14-15-16-17-18-19-20-22-24-25-28-30-32	56	64	19.85	13.7	5.3	6.3	M5	8
SDM-68X75	12-14-15-16-17-18-19-20-22-24-25-28-30-32-35-38	68	75	23.35	15.7	6.3	7.7	M6	13
SDM-82X98	17-18-19-20-22-24-25-28-30-32-35-38-40-42	82	98	30	22	8.0	9.8	M8	28

# DDM 铝合金单膜片联轴器

## Aluminum alloy single diaphragm coupling



### 产品介绍 >>> Product Introduction

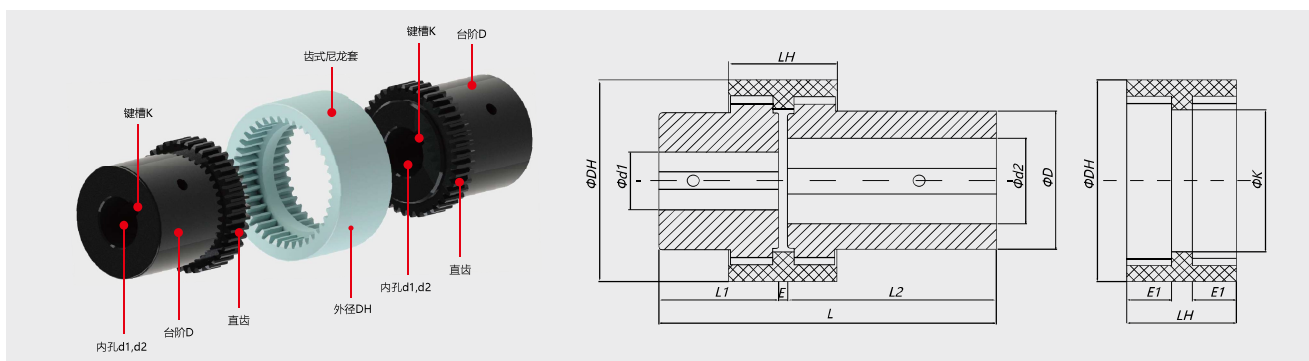
- 轴套采用高强度铝合金;
  - 膜片采用304不锈钢;
  - 扭矩刚性高, 能准确控制轴的旋转, 可进行高精度控制;
  - 专为伺服、步进电机设计;
  - 无间隙的轴和轴套联接, 适用于正反转;
  - 低惯量, 适用于高速运转;
  - 夹紧螺丝紧固方式。
- The shaft sleeve is made of high-strength aluminum alloy;
  - The diaphragm is made of 304 stainless steel;
  - High torque rigidity, able to accurately control shaft rotation and achieve high-precision control;
  - Specially designed for servo and stepper motors;
  - Seamless shaft and sleeve connection, suitable for forward and reverse rotation;
  - Low inertia, suitable for high-speed operation;
  - Clamping screw tightening method.

### 基本参数 >>> Basic parameters

型号 Model	d1,d2	DH	L	L1	S	F	M	拧紧扭矩 Nm
DDM-12X12.35	3-4-5	12	12.35	5.9	0.55	2.2	M1.6	0.23~0.28
DDM-16X17	3-4-5-6	16	17	7.55	1.9	2.6	M2	0.4~0.5
DDM-19X20	3-4-5-6-6.35-7-8	19	20	9.15	1.7	3.2	M2.5	1
DDM-20X23	3-4-5-6-6.35-7-8	20	23	10.75	1.5	3.2	M2.5	1
DDM-26X25.5	3-4-5-6-6.35-7-8-9-9.525-10-11-12-14	26	25.5	11.45	2.5	4	M3	1.5
DDM-29X25.7	5-6-6.35-7-8-9-9.525-10-11-12-14	29	25.7	11.85	2.0	4	M3	1.5
DDM-32X28	5-6-6.35-7-8-9-9.525-10-11-12-12.7-14-15	32	28	12.25	3.5	4	M3	1.5
DDM-33X28.5	5-6-6.35-7-8-9-9.525-10-11-12-12.7-14-15	33	28.5	12.5	3.5	4	M3	1.5
DDM-34X32	5-6-6.35-8-9-9.525-10-11-12-12.7-14-15-16	34	32	14.25	3.5	5	M4	3.5
DDM-39X34.5	8-9-9.525-10-11-12-12.7-14-15-16-17-18-19	39	34.5	15	4.5	5.2	M4	3.5
DDM-44X34.5	8-9-9.525-10-11-12-12.7-14-15-16-17-18-19-20-22	44	34.5	15	4.5	5.2	M4	3.5
DDM-56X45	10-12-14-15-16-17-18-19-20-22-24-25-28-30-32	56	45	19.85	5.3	6.3	M5	8
DDM-68X53	12-14-15-16-17-18-19-20-22-24-25-28-30-32-35-38	68	53	23.35	6.3	7.7	M6	13
DDM-82X68	17-18-19-20-22-24-25-28-30-32-35-38-40-42	82	68	30	8.0	9.8	M8	28

# NL 型齿式弹性联轴器

## Type Toothed elastic coupling



### 产品性能>>> Performance

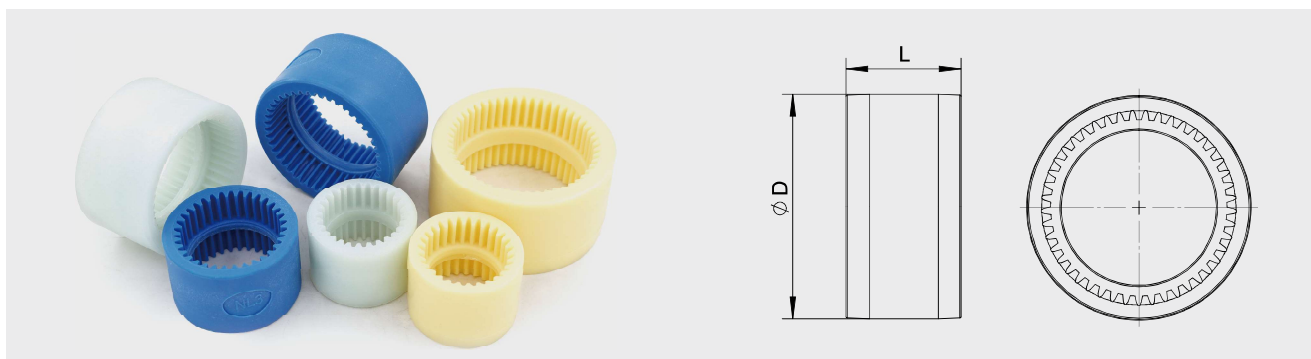
- 使用简单，易维修，缓冲吸振；
- 可补偿较大的轴向位移，微小的径向位移和角位移；
- 适用于正反向变化多，启动频繁的高速轴。
- Easy to use, easy to maintain, cushioning and absorbing vibration;
- Can compensate for large axial displacement, small radial displacement, and angular displacement;
- Suitable for high-speed shafts with frequent forward and reverse changes and frequent starting.

### 基本参数>>> Basic parameters

型号 Model	外径 DH	齿套长度 LH	轴孔直径 d1,d2	轴孔长度 L1,L2	台阶 D	中间 E	齿数 Number of teeth	模数 modulus	适用电机功率最大值 Maximum power of motor(kw)	公称转矩 Tn/N·m
NL1	42	39	6,8,10	16,20	25	4	20/32	1.5	0.75	40
			12,14	25,32						
NL2	56	40	10,12,14,15,16,18,19,20,22	40	36	5	28/42	1.5	1.1	100
			24	50						
NL3	66	43	10,12,14,15,16,18,19,20,22	40	44	3.5	34/25	1.5	4	160
			24,25	40,50						
			28	60						
NL4	84	47	16,18,20,22	40	58	3	45/32	1.5	7.5	250
			24,25	40,50						
			28,30,32,35	60						
			38,40,42	80						
NL5	97	51	20,22,24,25	50	68	4	38/36	2	15	315
			28,30,32,35	60						
			38,40	80						
			42	110						
NL6	100	48	22,25,30,32,35	60	72	3	40/32/41	2	22	400
			38,40	80						
			42,45,48	110						
NL7	113	55	25,30,32,35	60	82	5	36/42/45	2.5	30	630
			38,40	80						
			42,45,48,50,55	110						
			20,30,35,40	80						
NL8	138	71	42,45,48,50,55	110	96	7	36/42/45/31	3	55	1250
			60,65	140						
			32,40,45,50,55	110						
NL9	173	91	60,65,70,75	140	120	5	45/46	3	90	2000
			70,71,75	142						
NL10	223	107	80	172	160	15	44	4	180	3150
			85,90,95,100	212						

# NL 型齿式联轴器尼龙齿套

## Nylon gear sleeve for gear coupling



### 产品性能>>> Performance

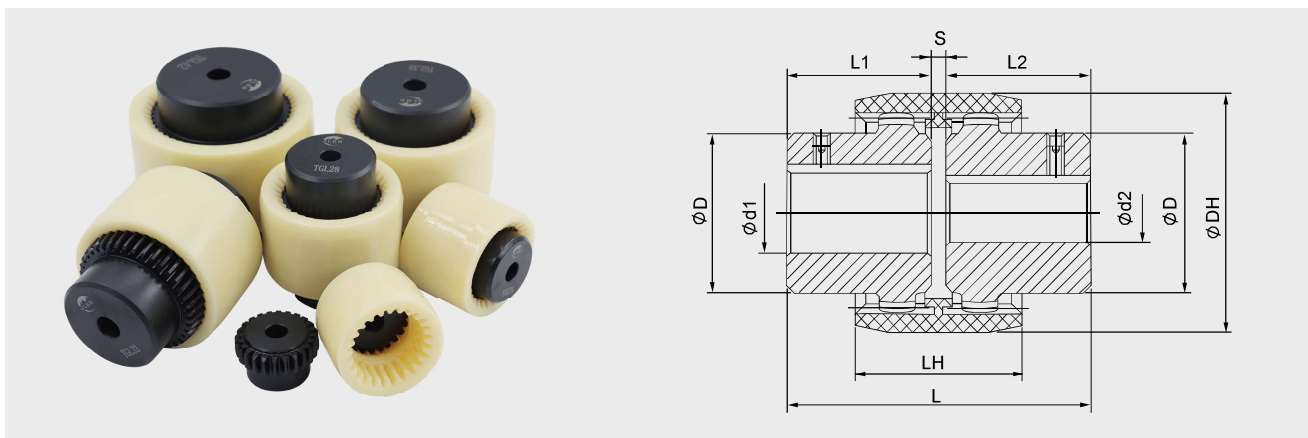
- 齿套采用碳纤维增强尼龙材质，低齿隙，高扭矩；
- 适用于各种机械工程和液压领域；
- 尼龙和钢的材料配合，免维护，可补偿轴向、径向、角度安装误差；
- 轴向插入装配，结构简单，拆装方便快捷。
- The gear sleeve is made of carbon fiber reinforced nylon material, with low backlash and high torque;
- Suitable for various mechanical engineering and hydraulic fields;
- The material combination of nylon and steel is maintenance free and can compensate for axial, radial, and angle installation errors;
- Axial insertion assembly, simple structure, convenient and fast disassembly and assembly.

### 基本参数>>> Basic parameters

型号(model)	D	L	齿数(Number teeth)	模数(modulus)
NL1	42	39	20/32	1.5/1
NL2	56	40	28/42	1.5/1
NL3	66	43	34/25	1.5/2
NL4	84	47	45/32	1.5/2
NL5	97	51	38/36	2/2
NL6	100	48	40/32	2/2.5
NL7	113	55	36/45	2.5/2
NL8	138	71	36/31/42/45	3/3.5/2.5/2.5
NL9	174	91	45/46	3/3
NL10	223	107	44	4

# TGL 曲面齿联轴器

## Curved tooth coupling



### 产品性能>>> Performance

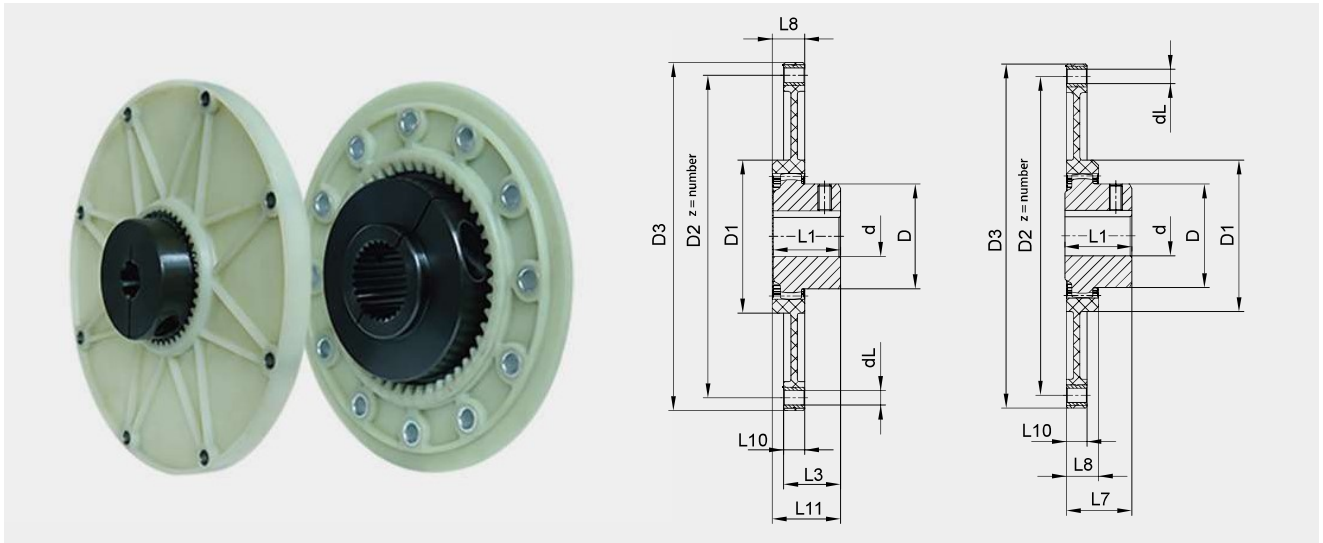
- 双节式曲面齿联轴器
- 广泛应用于各种机械和液压领域
- 尼龙和钢的材料配合，免维护
- 可以补偿轴向、径向、角向误差
- 轴向插入装配，非常方便
- 成品孔径公差按照ISO标准为H7，键槽宽公差按照标准DIN6885/1为JS9，另有锥孔和英制孔
- Double section curved tooth coupling
- Widely used in various mechanical and hydraulic fields
- The material combination of nylon and steel is maintenance free
- Can compensate for axial, radial, and angular errors
- Axial insertion assembly, very convenient
- The tolerance of the finished hole diameter is H7 according to the ISO standard, the tolerance of the keyway width is JS9 according to the standard DIN6885/1, and there are also tapered holes and imperial holes

### 基本参数>>> Basic parameters

型号(model)	DH	LH	d1,d2	L1,L2	S	D	齿数 number of teeth	模数 modulus	公称转矩 Tn/N·m
TGL-14	44	39	6-14	23	3	24	20	1.5	10
TGL-19	52	36	8-19	25	2.5	30	24	1.5	16
TGL-24	56	41	10-24	26	2	36	28	1.5	31.5
TGL-28	70	44	12-28	40	0.5	44	34	1.5	45
TGL-32	77	48	14-32	40	3	50	40	1.5	63
TGL-38	85	48	16-38	40	2	58	44	1.5	80
TGL-42	95	51	20-42	42	5	65	50	1.5	100
TGL-48	97	52	22-48	50	5	67	50	1.5	140
TGL-55	112	59	25-55	52	5	82	45	2	355
TGL-65	139	71	30-65	55	4	95	42	2.5	380



# TGL 尼龙法兰联轴器 Nylon flange coupling



## 基本参数 >>>

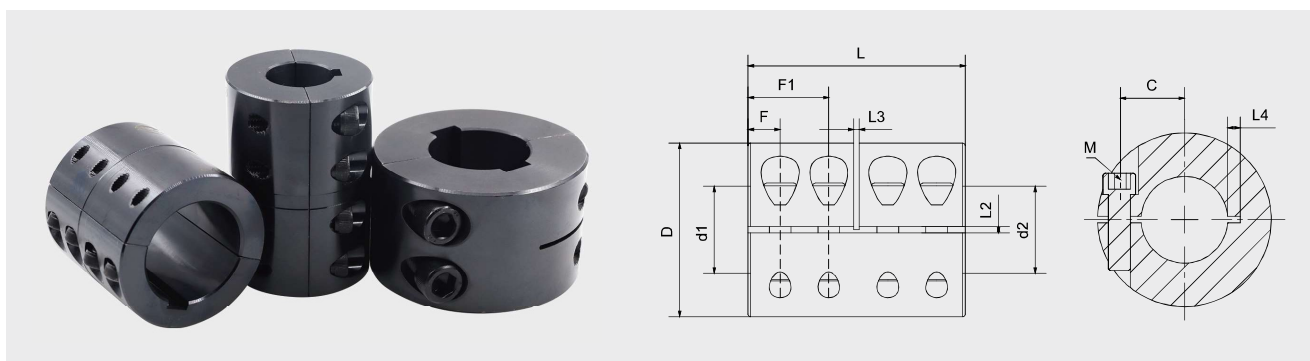
## Basic parameters

Model	Nylon disc size	d	D	D1	L1	L3	L7	L8	L10	L11
48	6.5"/7.5"/8"/10"	20-48	68	100	50	41	50	20	13	48
T48	6.5"/7.5"/8"/10"	20-48	68	100	50	38	45	20	13	46
T55	6.5"/7.5"/8"/10"	20-55	85	115	50	37	48	24	13	48
65/T65	8"/10"/11.5"	30-65	96	132	55	45	54	27	21	51
T70	10"	30-70	100	153	60	48	56	30	21	57
80/T80	10"/11.5"	35-80	124	170	90	78	87	30	21	87
100/T100	11.5"/14"	40-100	152	265	110	78	108	35	21	110
125/T125	11.5"/14"	50-125	192	250	140	37	133	50	28	97

Size	D3	D2	Z	dL
6.5"	215.9	200.02	6	9
7.5"	241.3	222.25	8	9
8"	263.52	244.47	6	11
10"	314.32	295.27	8	11
11.5"	352.42	333.37	8	11
14"	466.72	438.15	8	13

# JK 夹壳式联轴器

## clamping coupling



### 产品性能>>> Performance

- 一体化结构，整体采用45#钢材质，具有高扭矩、高刚性特点；
- 基本上不允许两轴同心性偏差，使用时须进行对中调整；
- 夹紧紧固方式，安装简单；
- 适用于升降机、轧钢机、建筑机械等重载荷的传动应用。

- Integrated structure, made of 45 # steel material, with high torque and rigidity characteristics;
- Concentricity deviation of two shafts is basically not allowed, and alignment adjustment must be carried out during use;
- Clamping and fastening method, simple installation;
- Suitable for heavy-duty transmission applications such as elevators, steel mills, and construction machinery.

### 基本参数>>> Basic parameters

型号 Model	D	(d1 d2) Max	L	L4	C	F	F1	M	公称转矩 Tn/N·m
JK-40*44	40	20	44	10	13	5.63	15.77	4-M5	25
JK-50*55	50	25	55	12.5	16.5	7.08	19.67	4-M6	35
JK-68*54	68	35	54	16.5	23.5	6.92	19.33	4-M6	55
JK-82*68	82	45	68	18.5	27	9.25	24	4-M8	75
JK-95*126	95	55	126	20	33	18.33	43.67	4-M10	90
JK-100*130	100	60	130	20	40	20.6	50.2	4-M10	90
JK-110*140	110	70	140	20	45	22.6	54.2	4-M10	236
JK-120*150	120	80	150	20	50	24.6	58.2	4-M10	310
JK-130*160	130	90	160	20	55	26.6	62.2	4-M10	530
JK-145*190	145	105	190	20	62.5	32	74	4-M12	650
JK-170*220	170	120	220	25	72.5	37.1	85.7	4-M14	1400
JK-185*250	185	130	250	27.5	78.75	26.4	65.85	4-M16	2650
JK-205*360	205	145	360	30	87.5	40	96	6-M20	4500
JK-245*390	245	165	390	40	102.5	44.3	104.5	6-M20	8000
JK-260*440	260	180	440	40	110	51.4	118.85	6-M20	9000
JK-300*480	300	210	480	45	127.5	57	130	6-M20	15000

注：表中参数都是按照最大孔径标注，总长、外径、孔径均可按照实际需求定制，样式可定制一体式、分离式（剖分式）。

# DJM 型弹性膜片联轴器

## Type elastic diaphragm coupling



### 产品性能 >>> Performance

一种无齿隙免维护的全钢联轴器，以多片不锈钢弹簧钢叠加成膜片作为弹性体，具有强度高、扭向刚性好、补偿偏差能力强，回复力低，能承受280°C的高温。

- 单节式结构；
- 具有角向和轴向纠偏能力；
- 扭向刚性好；
- 结构紧凑；
- 适用于混合机、搅拌机、潜水泵、风机等较大径向负载的应用。

A non backlash and maintenance free all steel coupling, consisting of multiple pieces of stainless spring steel stacked into a diaphragm as the elastic body, has high strength, good torsional rigidity, strong compensation deviation ability, low recovery force, and can withstand high temperatures of 280 °C .

- Single section structure;
- Has angular and axial correction capabilities;
- Good torsional rigidity;
- Compact structure;
- Suitable for applications with large radial loads such as mixers, mixers, submersible pumps, fans, etc.

### 基本参数 >>> Basic parameters

型号 Model	轴孔范围 d1, d2	外径 D	膜片厚度 A	轴孔长度 L1, L2	总长 L	轴向补偿 mm	角向补偿 度	公称转矩 Tn/N·m	许用转速 [n]r/min
DJM00	3-20	57	6	20	46	±0.8	1°	9.8	20000
DJM01	5-22	68	8	25.05	58.1	±0.8	1°	33	20000
DJM02	6-32	82	8	25.3	58.6	±1	1°	90	20000
DJM03	8-35	93	8	29.2	66.4	±1.2	1°	173	18000
DJM04	10-42	104	8	35.6	79.2	±1.4	1°	245	15000
DJM05	15-50	126	11	42.35	95.7	±1.6	45'	420	13000
DJM06	20-60	144	11	48.35	107.7	±1.8	45'	772	12000
DJM07	25-75	168	15	58.9	132.8	±2	45'	1270	10000
DJM08	30-82	194	15	65	145	±2.2	45'	2080	10000
DJM09	30-95	214	21.6	77	175.6	±2.4	45'	3328	9000
DJM10	40-108	246	24	89	202	±2.6	45'	4900	8000
DJM11	52-118	276	17.5	102	221.5	±2.8	45'	6368	8000
DJM12	60-110	276	17.5	128	273.5	±1.8	45'	8900	6300
DJM13	60-135	308	19	160	339	±2	30'	15280	5000
DJM14	60-155	346	32	182	396	±2	30'	25410	4700
DJM15	60-165	375	24	198	420	±2	30'	37130	4300
DJM16	70-180	410	29.5	214	457.5	±2.2	30'	47120	3900
DJM17	70-190	445	29.5	225	479.5	±2.2	30'	57000	3500
DJM18	80-205	470	31	248	527	±2.4	30'	63186	3500
DJM19	90-230	512	32	278	588	±2.4	30'	82590	3200
DJM20	90-255	556	32.5	305	642.5	±2.5	30'	102100	2800
DJM21	100-265	588	34	318	670	±2.7	30'	126070	2450
DJM22	100-275	630	34.5	332	698.5	±2.8	30'	146350	2150
DJM23	100-290	655	35.5	348	731.5	±3	30'	173830	2000

# SJM 型弹性双膜片联轴器

Type elastic double diaphragm coupling



## 产品性能>>> Performance

一种无齿隙免维护的全钢联轴器，以多片不锈钢弹簧钢叠加成膜片作为弹性体，具有强度高、扭向刚性好、补偿偏差能力强，回复力低，能承受280℃的高温。

- 双节式结构
- 偏差补偿能力强，且应力集中小
- 安装时无需移动设备
- 适用于造纸机、印刷机械、输送设备、轧钢机械、发电机、研磨机械、水泵、压缩机等设备应用。

A non backlash and maintenance free all steel coupling, consisting of multiple pieces of stainless spring steel stacked into a diaphragm as the elastic body, has high strength, good torsional rigidity, strong compensation deviation ability, low recovery force, and can withstand high temperatures of 280 C.

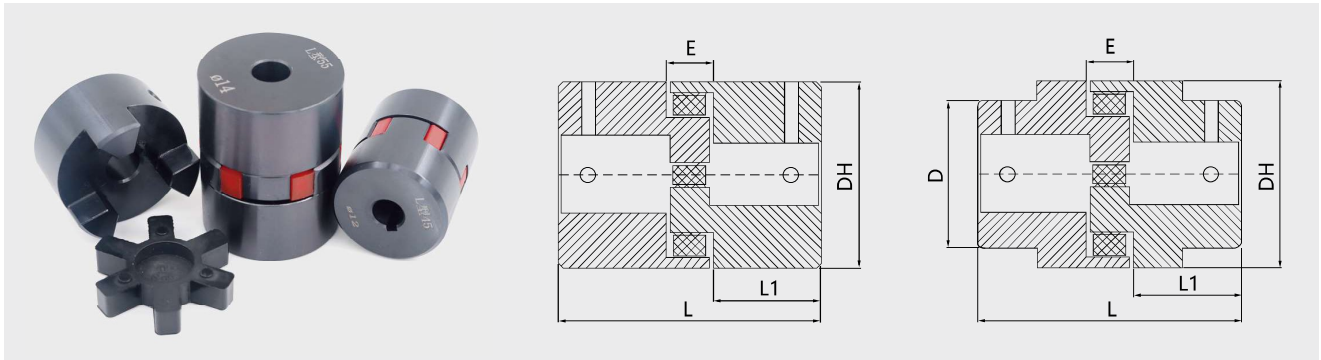
- Double section structure;
- Strong deviation compensation ability and low stress concentration;
- No need for mobile devices during installation;
- Applicable to paper machines, printing machinery, conveying equipment, steel rolling machinery, generators, grinding machinery, water pumps, compressors and other equipment applications.

## 基本参数>>> Basic parameters

型号 Model	轴孔范围 d1, d2	外径 D	膜片厚度 A	轴孔长度 L1, L2	中间节长度 C	总长 L	轴向补偿 mm	角向补偿 度	公称转矩 Tn/N·m	许用转速 [n]r/min
SJM00	3-20	57	6	20	60	100	±1.6	2°	9.8	20000
SJM01	5-22	68	8	25.05	89	139.1	±1.6	2°	33	20000
SJM02	6-32	82	8	25.3	89	139.6	±1.6	2°	90	20000
SJM03	8-35	93	8	29.2	102	160.4	±2.4	2°	173	18000
SJM04	10-42	104	8	35.6	127	198.2	±2.8	2°	245	15000
SJM05	15-50	126	11	42.35	127	211.7	±3.2	1°30'	420	13000
SJM06	20-60	144	11	48.35	127	223.7	±3.6	1°30'	772	12000
SJM07	25-75	168	15	58.9	127	244.8	±4.0	1°30'	1270	10000
SJM08	30-82	194	15	65	140	270	±4.4	1°30'	2080	10000
SJM09	30-95	214	21.6	77	152	306	±4.8	1°30'	3328	9000
SJM10	40-108	246	24	89	178	356	±5.2	1°30'	4900	8000
SJM11	52-118	276	17.5	102	178	382	±5.6	1°30'	6368	6300
SJM12	60-110	276	17.5	128	153	409	±3.6	1°	8900	6300
SJM13	60-135	308	24	160	172	492	±4.0	1°	15280	5000
SJM14	60-155	346	32	182	190	554	±4.0	1°	25410	4700

注：轴孔大小和类型、标准键槽、非标键槽、花键、中间节的长度均可根据实际需求定制。

## L型三爪联轴器 Three-claw coupling



### 产品性能>>> Performance

由两个45#钢或铝合金材质半联轴器，以聚氨酯弹性垫为联接组合而成。

- 能有效吸收动力冲击；
- 安全方便、安装简单、使用维护成本低；
- 耐高温、免保养；
- 径向偏差：0.3mm、角度偏差：1°、轴向偏差：0.5mm

Two semi couplings made of 45# steel or aluminum alloy material, with polyurethane elasticity The cushion is composed of a combination of connections.

- Can effectively absorb dynamic impact;
- Safe and convenient, with simple installation and low maintenance costs;
- High temperature resistance, good oil compatibility, and maintenance free;
- Radial deviation: 0.3mm, angle deviation: 1°, axial deviation: 0.5mm

### 基本参数>>> Basic parameters

型号 (model)	DH	L	E	L1	D	标准孔径 Standard aperture	最大孔径 Max aperture	许用转速 [n]/r/min	公称转矩 Tn/Nh
L035	16	21	8	6.5	-	-	9	31000	-
L050	27.4	43	12	15.5	-	ø11ø14	16	18000	4.5
L070	35	50.5	12.5	19	-	ø11ø14ø19	19	14000	7.3
L075	45	53.5	12.5	20.5	-	ø11ø14ø19	24	11000	15.3
L090	54	55	13	21	-	ø14ø19ø24	25	9000	24.4
L095	64	70	19	25.5	-	ø14ø19ø24ø28	28	9000	32.9
L100	66	89	19	35	-	ø19ø24ø28ø32	38	7000	70.7
L110	84	108	22	43	-	ø24ø28ø32ø38ø42	42	5000	134
L150	96	116.5	26.5	45	80	ø28ø32ø42ø48	48	5000	210
L190	115	135.5	27.5	54	102	-	55	5000	293
L225	127	156	28	64	108	-	65	4200	397
L275	157	199	41	79	127	-	75	1800	-

# KC 链条联轴器

## Chain coupling



### 产品性能 >>>

### Performance

- 双排滚子链采用GB1243.1-83规定的链条;
  - 反转时有空行程, 不宜用于冲击载荷很大的逆向传动;
  - 利用双排链条同时与两个齿数相同的并列链轮啮合, 以实现两半联轴器联结;
  - 结构简单、装卸方便;
  - 尺寸紧凑, 有一定的补偿能力, 对安装要求精度不高;
  - 使用寿命长、维护成本低, 可适用于高温潮湿和多尘的工况环境。
- The double row roller chain adopts the chain specified in GB1243.1-83;
  - When reversing, there is an empty stroke, which is not suitable for reverse transmission with large impact loads;
  - Use double row chains to simultaneously mesh with two parallel sprockets with the same number of teeth to achieve Two half coupling connection;
  - Simple structure and easy loading and unloading;
  - Compact size, with certain compensation capability, and low precision requirements for installation;
  - Long service life, low maintenance cost, suitable for high-temperature, humid, and dusty working environments.

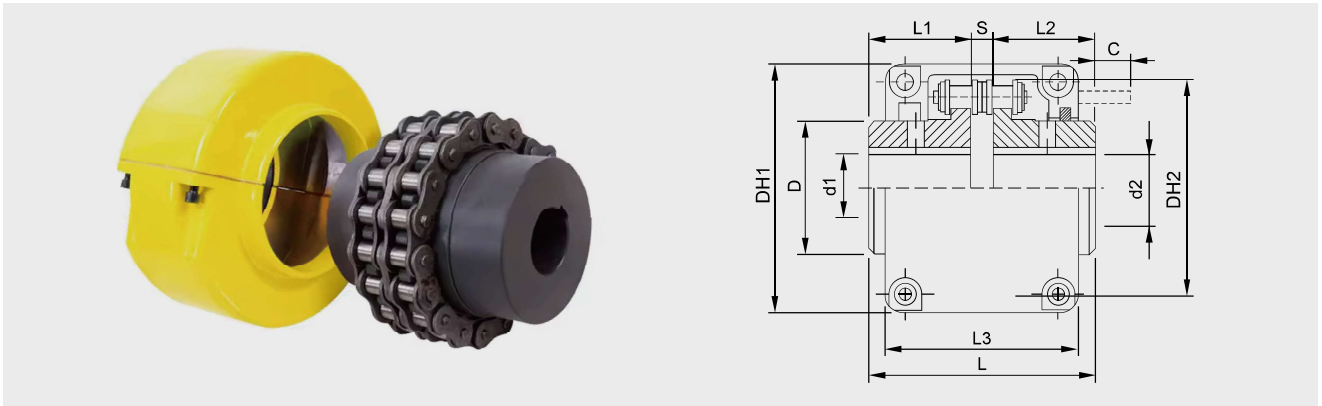
### 基本参数 >>>

### Basic parameters

型号	最大孔径 d1,d2 max	外径 DH	台阶 D	轴孔长度 L1,L2	间隙 S	罩壳长度 B	总长 L	螺栓	最大扭矩 Max Torque(Nm)	最大转速 rpm
3012	12	69	25.2	29.8	5.2	63	64.8	M6	190	5000
4012	18	76	32.5	36	7.4	71	79.4	M6	249	4800
4014	25	83	43	36	7.4	74	79.4	M6	329	4800
4016	28	90	48	40	7.4	74	87.4	M6	419	4800
4018	34	99	52	40	7.4	84	87.4	M6	445	4600
4020	36	111	56	40	7.4	84	87.4	M6	489	4600
5014	35	99	53	45	9.7	84	99.7	M8	620	3600
5016	40	111	60	45	9.7	84	99.7	M8	791	3600
5018	45	121	70	45	9.7	84	99.7	M8	979	3000
5020	50	131	80	45	9.7	84	99.7	M8	1120	3000
6016	50	131	72	56	11.5	84	123.5	M10	1550	2500
6018	56	141	85	56	11.5	104	123.5	M10	1810	2500
6020	65	156	98.4	56	11.5	104	123.5	M10	2210	2500
6022	70	167	110	56	11.5	116	123.5	M10	2610	2500
8018	70	187	110	63	15.2	126	141.2	M12	3920	2000
8020	80	210	120	65	15.2	135	145.2	M12	4800	2000
8022	100	222	139.6	71	15.2	132	157.2	M12	5640	1800
10020	110	278	160	80	18.8	149	178.8	M12	8400	1800
12018	125	307	170	90	22.7	181	202.7	M12	12700	1500
12022	140	357	210	100	22.7	181	222.7	M12	18300	1250

# GL 型链条联轴器

## GL type chain coupling



### 产品性能 >>>

### Performance

- 双排滚子链采用GB1243.1-83规定的链条
  - 反转时有空行程，不宜用于冲击载荷很大的反向传动。
  - 利用双排链条同时与两个齿数相同的并列链轮啮合，以实现两半联轴器联结；
  - 结构简单、装卸方便；
  - 尺寸紧凑，有一定的补偿能力，对安装要求精度不高；
  - 使用寿命长、维护成本低，可适用于高温潮湿和多尘的工况环境。
- The double row roller chain adopts the chain specified in GB1243.1-83
  - When reversing, there is an idle stroke and it is not suitable for reverse transmission with high impact loads.
  - Using a double row chain to simultaneously mesh with two parallel sprockets with the same number of teeth, in order to achieve coupling between the two halves;
  - Simple structure and convenient loading and unloading;
  - Compact in size, with a certain degree of compensation ability, and low precision requirements for installation;
  - Long service life, low maintenance cost, suitable for high temperature, humidity, and dusty working conditions.

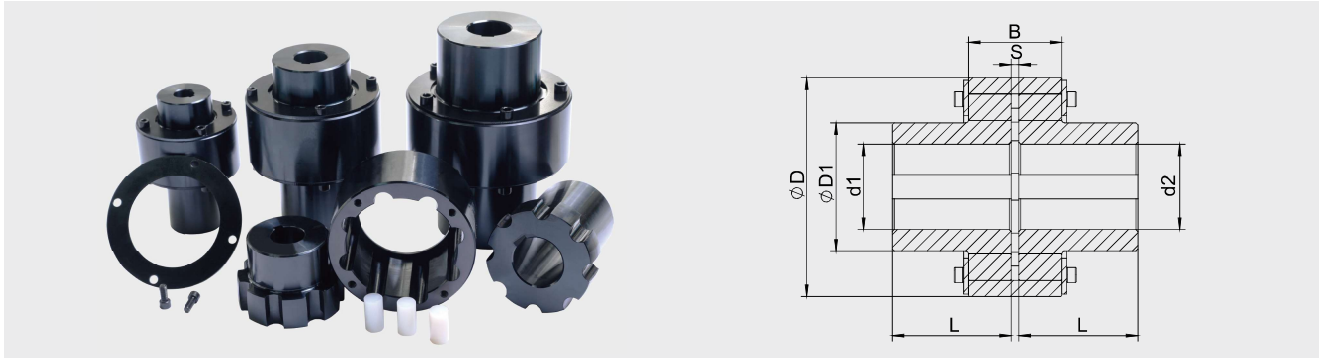
### 基本参数 >>>

### Basic parameters

型号 Model	公称扭矩 Tn(N.m)	许用转速 [n](r/min)		轴孔直径 d1,d2	轴孔长度 L1,L2	链号	节距 P	齿数 Z	无罩壳 外径 DH2	间距 S	带罩壳 外径 DH1	罩壳高度 L3	台阶直径 D	转动惯量 kg·m <sup>2</sup>
		无罩壳	带罩壳											
GL1	40	1400	4500	16-20	42-52	06B	9.525	12/14	51.06	4.9	75	75	32	0.0001
GL2	63	1250	4500	19-24	42-52	06B	9.252	16	57.08	4.9	75	75	38	0.0002
GL3	100	1000	4000	20-25	52-62	08B	12.7	14	68.88	6.7	85	80	44	0.00038
GL4	160	1000	4000	24-32	52-82	08B	12.7	16	76.91	6.7	95	88	51	0.00086
GL5	250	800	3150	28-40	62-112	10A	15.875	16	94.46	9.2	112	84	63	0.0025
GL6	400	630	2500	32-50	82-112	10A	15.875	20	116.57	9.2	132	85	70	0.0058
GL7	630	630	2500	40-60	112-142	12A	19.05	18	127.78	10.9	150	122	88	0.012
GL8	1000	500	2240	45-70	112-142	16A	25.4	16	154.33	14.3	180	135	110	0.025
GL9	1600	400	2000	50-80	112-172	16A	25.4	20	186.5	14.3	210	145	120	0.061
GL10	2500	315	1600	60-90	142-172	20A	31.75	18	213.02	17.8	240	165	140	0.079
GL11	4000	250	1500	75-100	142-212	24A	38.1	169	229	21.5	270	195	150	0.188
GL12	6300	250	1250	85-120	172-212	28A	44.45	16	270.08	24.9	310	205	180	0.38
GL13	10000	200	1120	100-140	212-252	32A	50.8	18	340.8	28.6	380	230	210	0.869
GL14	16000	200	1000	120-160	212-302	32A	50.8	22	405.22	28.6	450	250	240	2.06
GL15	25000	200	900	140-190	252-352	40A	63.5	20	466.25	35.6	510	285	285	4.37

# ZL 型弹性柱销齿式联轴器

## Type elastic column pin tooth coupling



### 产品性能>>> Performance

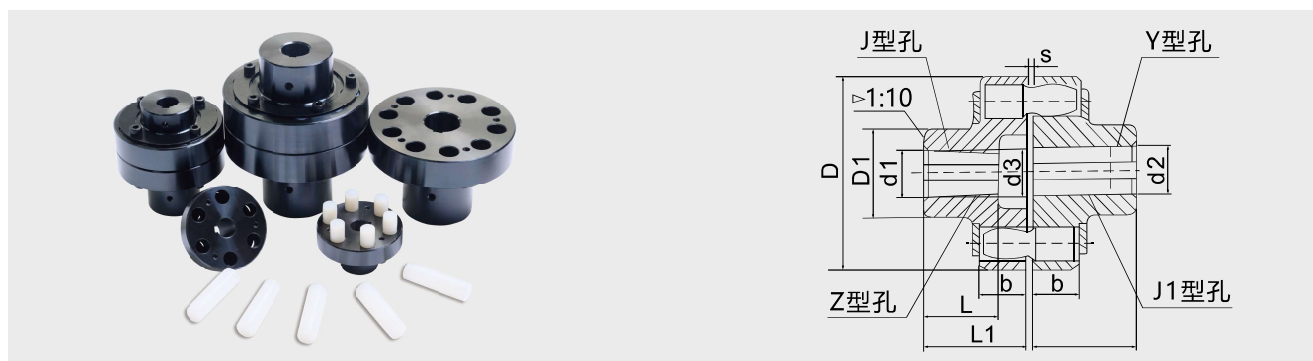
- ZL柱销联轴器通过尼龙柱销嵌入两半联轴器与外齿圈内表面的对合孔传递扭矩，利用弹性元件补偿轴向、径向及角向位移，结构简单且无需润滑。
- 其适用于中等至大功率传动（公称转矩100-500000N·m），工作温度-20~70℃，具有免维护优势，但减振性能较弱，不适用于需严控噪声的场景。
- The ZL pin coupling transmits torque by embedding nylon pins into the mating holes on the inner surfaces of the two halves of the coupling and the outer gear ring. It uses elastic elements to compensate for axial, radial and angular displacements. The structure is simple and does not require lubrication.
- It is suitable for medium to high power transmission (nominal torque 100-500,000 N·m), with an operating temperature range of -20 to 70 °C. It has the advantage of being maintenance-free, but its vibration damping performance is relatively weak and it is not suitable for scenarios where noise control is strictly required.

### 基本参数>>> Basic parameters

型号 Model	外径 D	台阶 D1	齿套长 B	中间 S	轴孔直径 d1,d2	轴孔长度 L		公称转矩 Tn/N·m	许用转速 [n]r/min
						Y	J1		
ZL1	76	40	32	2	12,14	32	27	100	4000
					16,18,19	42	30		
					20,22,24	52	38		
ZL2	92	50	40	4	16,18,19	42	30	250	4000
					20,22,24	52	38		
					25,28	62	44		
					30,32	82	60		
ZL3	120	65	62	6	25,28	62	44	630	4000
					30,32,35,38	82	60		
					40,42	112	84		
ZL4	158	90	80	6	40,42,45,48,50,55,56	112	84	1600	4000
					60	142	107		
ZL5	192	120	78	8	50,55,56	112	84	4000	4000
					60,63,65,70,71,75	142	107		
ZL6	230	135	98	8	80	172	132	6300	3300
					60,63,65,70,71,75	142	107		
ZL7	260	160	105	7	80,85,90,95	172	102	10000	2900
					70,71,75	142	107		
					100,110	212	167		
ZL8	295	180	115	9	80,85,90,95	172	132	16000	2500
					100,110,120,125	212	167		
					130	252	202		
					90,95	172	132		
ZL9	335	210	135	8	100,110,120,125	212	167	25000	2300
					130,140,150	252	202		
					100,110,120,125	212	167		
ZL10	355	240	140	10	130,140,150	252	202	31500	2100
					160,170	302	242		
					110,120,125	212	167		
ZL11	380	258	158	10	130,140,150	252	202	40000	2000
					160,170,180	302	242		
					130,140,150	252	202		
ZL12	445	300	168	10	160,170,180	302	242	63000	1700
					190,200	352	282		
					150	252	202		
					160,170,180	302	242		
ZL13	515	345	218	10	190,200,220	352	282	100000	1500
					240	410	330		
					170,180	302	242		
					190,200,220	352	282		
ZL14	560	390	218	10	240,250,260	410	330	125000	1400
					190,200,220	352	282		
					240,250,260	410	330		
					190,200,220	352	282		
ZL15	590	420	240	10	240,250,260	410	330	160000	1300
					280,300	470	380		
					190,200,220	352	282		

# HL 型弹性柱销联轴器

Type elastic column pin coupling



## 产品性能>>> Performance

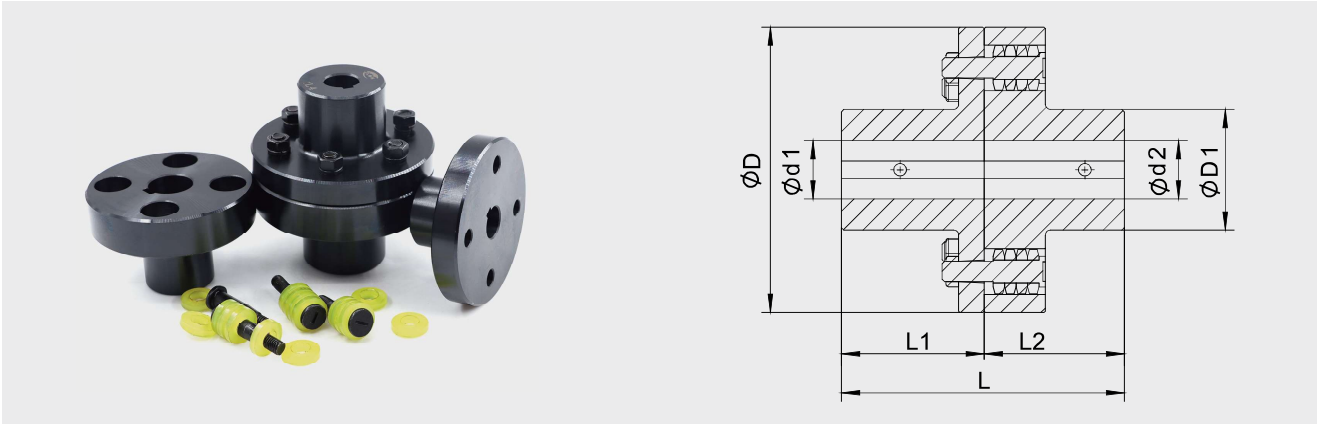
- HL弹性柱销联轴器采用尼龙材料制成柱销，通过嵌入两半联轴器的凸缘孔实现动力传递，结构简单且更换便捷。
- 它具备缓冲、减震及耐磨特性，允许一定轴向和角向位移补偿，适用于中速传动场景，承受冲击振动能力较差。
- The HL elastic pin coupling is made of nylon pins and transmits power by embedding them into the flange holes of the two halves of the coupling. It has a simple structure and is easy to replace.
- It features buffering, shock absorption and wear resistance, allowing for certain axial and angular displacement compensation. It is suitable for medium-speed transmission scenarios and has a relatively poor ability to withstand shock and vibration.

## 基本参数>>> Basic parameters

型号 Model	外径 D	台阶 D1	中间 S	轴孔直径 d1 d2	轴孔长度 L			公称转矩 Tn/N·m	许用转速 [n]/r/min	转动惯量 kg·m <sup>2</sup>	质量 kg
					Y	J1	Z				
HL1	90	40	2.5	12,14	32	27	32	250	8500	0.002	2
				16,18,19	42	30	42				
				20,22,24	52	38	52				
HL2	120	60	2.5	20,22,24	52	38	52	560	6300	0.009	5
				25,28	62	44	62				
				30,32,35	82	60	82				
HL3	160	80	2.5	30,32,35,38	82	60	82	1250	4750	0.026	8
				40,42,45,48	112	84	112				
				40,42,45,48,50,55,56	112	84	112				
HL4	195	100	3	60,63	142	107	142	2500	3850	0.109	22
				50,55,56	112	84	112				
HL5	220	120	3	60,63,65,70,71,75	142	107	142	3150	3450	0.191	30
				60,63,65,70,71,75	142	107	142				
HL6	280	140	4	80,85	172	132	172	6300	2720	0.543	53
				70,71,75	142	107	142				
HL7	320	170	4	80,85,90,95	172	132	172	11200	2360	1.314	98
				100,110	212	167	212				
				80,85,90,95	172	132	172				
HL8	360	200	5	100,110,120,125	212	167	212	16000	2120	2.023	119
				100,110,120,125	212	167	212				
HL9	410	230	5	130,140	252	202	252	22400	1850	4.386	197
				100,110,120,125	212	167	212				
HL10	480	280	6	130,140,150	252	202	252	35500	1600	9.760	322
				160,170,180	302	242	302				
				130,140,150	252	202	252				
HL11	540	340	6	160,170,180	302	242	302	50000	1400	20.05	520
				190,200,220	352	282	352				
				160,170,180	302	242	302				
HL12	630	400	7	190,200,220	352	282	352	80000	1220	37.71	714
				240,250,260	410	330	-				
				190,200,220	352	282	352				
HL13	710	465	8	240,250,260	410	330	-	125000	1060	71.37	1057
				280,300	470	380	-				
				240,250,260	410	330	-				
HL14	800	530	8	280,300,320	470	380	-	180000	950	170.6	1956
				400	550	450	-				
				240,250,260	410	330	-				

# TL 弹性套柱销联轴器

pin coupling with elastic sleeve



## 产品性能>>> Performance

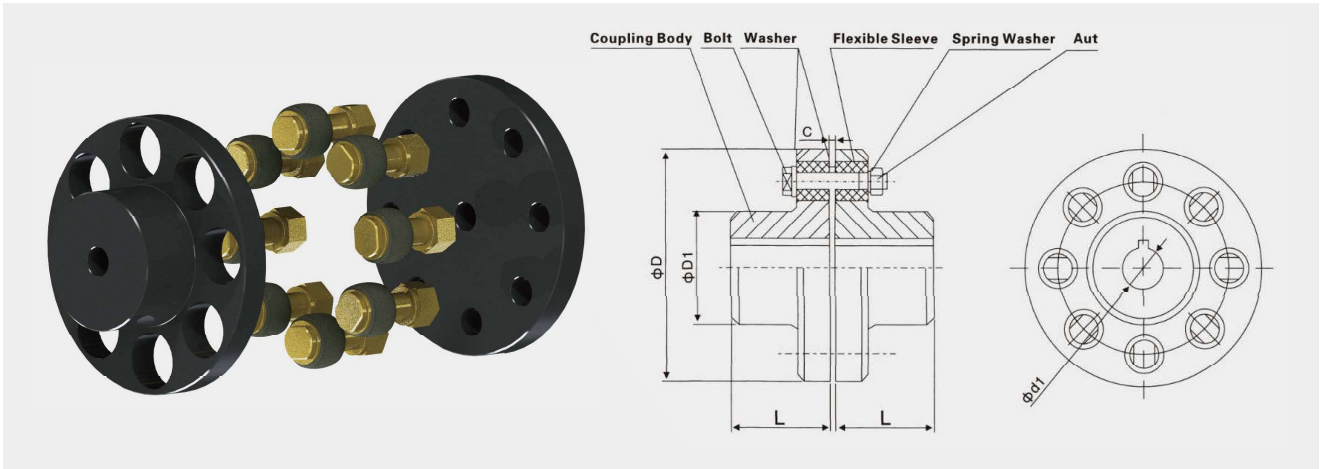
- 利用一端套有弹性套的柱销，装在两半联轴器凸缘孔中，以联接两半联轴器，弹性套无需润滑，更换方便；
- 具有一定补偿两轴相对偏移和减震缓冲性能；
- 适用于安装底座刚性好、对中精度较高、冲击载荷不大的中小功率轴系传动。
- Using a column pin with an elastic sleeve on one end, install it in the flange holes of the two halves of the coupling to connect the two halves of the coupling. The elastic sleeve does not require lubrication and is easy to replace;
- Has a certain degree of compensation for the relative deviation of the two axes and shock absorption and buffering performance;
- Suitable for installing small and medium-sized power shaft systems with good base rigidity, high centering accuracy, and low impact load.

## 基本参数>>> Basic parameters

型号 Model	轴孔直径 d1,d2	轴孔长度 L1,L2	外径 D	台阶 D1	径向补偿	角向补偿	公称转矩 Tn/N·m	许用转速 [n]/min	转动惯量 Kg·m <sup>2</sup>
TL1	9	22	71	27	0.2	1°30'	6.3	8800	0.0005
	10,11	25							
	12,14	32							
TL2	12,14	32	80	34	0.2	1°30'	16	7600	0.0008
	16,18,19	42							
TL3	16,18,19	42	95	35	0.2	1°30'	31.5	6300	0.0023
	20,22	52							
TL4	20,22,24	52	106	48	0.2	1°30'	63	5700	0.0037
	25,28	62							
TL5	25,28	62	130	60	0.3	1°30'	125	4600	0.012
	30,32,35	82							
TL6	32,35,38	82	160	71	0.3	1°00'	250	3800	0.028
	40,42	112							
TL7	40,42,45,48	112	190	80	0.3	1°30'	500	3600	0.055
TL8	45,50,55,56	112	224	95	0.4	1°00'	710	3000	0.134
	60,63	142							
TL9	50,55,56	112	250	110	0.4	1°00'	1000	2850	0.213
	60,63,65,70,71	142							
TL10	63,65,70,71,75	142	315	150	0.4	1°00'	2000	2300	0.66
	80,85,90,95	172							
TL11	80,85,90,95	172	400	190	0.4	1°00'	4000	1800	2.12
	100,110	212							
TL12	100,110,120,125	212	475	270	0.5	1°00'	8000	1450	5.39
	130	252							
TL13	120,125	212	600	350	0.5	1°00'	16000	1150	17.58
	130,140,150	252							
	160,170	302							

# FCL 弹性套联轴器

## Elastic sleeve coupling



### 产品性能 >>> Performance

由两个半联轴器、柱销、弹性套等部件组成，没有过多复杂的零件和结构，生产周期短，使用成本低。

- 结构简单、拆装方便；
- 尺寸紧凑，有一定的补偿能力，对安装要求精度不高；
- 使用寿命长、维护成本低，可适用于高温潮湿和多尘的工况环境。

Composed of two half couplings, column pins, elastic sleeves, and other components, without too much complexity Parts and structures have short production cycles and low usage costs.

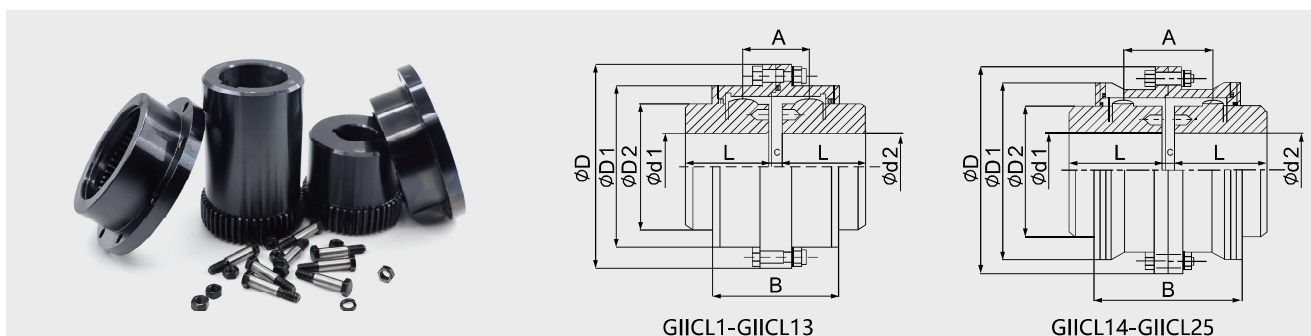
- Simple structure and easy disassembly and assembly;
- Compact size, with certain compensation capability, and low precision requirements for installation;
- Long service life, low maintenance cost, suitable for high-temperature, humid, and dusty working environments.

### 基本参数 >>> Basic parameters

Type	D	D1	d1	L	C	N-M	Pin No.	Max torque N.m	Max speed r/min	Weight(kg)
FCL90	90	36	11	28	3	4-M8X50	1	6	4000	1.7
FCL100	100	40	11	35.5	3	4-M10X56	2	12	4000	2.5
FCL112	112	45	13	40	3	4-M10X56	2	18	4000	3
FCL125	125	50	13	45	3	4-M12X64	3	27	4000	4
FCL140	140	65	13	50	3	6-M12X64	3	55	4000	5.6
FCL160	160	80	15	56	3	8-M12X64	3	118	4000	7.8
FCL180	180	90	15	63	3	8-M12X64	3	160	3500	10.5
FCL200	200	100	21	71	4	8-M20X85	4	250	3200	16.2
FCL224	224	112	21	80	4	8-M20X85	4	400	2850	21.6
FCL250	250	125	25	90	4	8-M24X100	5	616	2550	31.8
FCL280	280	140	34	100	4	8-M24X116	6	980	2300	44
FCL315	315	160	41	112	4	10-M24X116	6	1568	2050	58
FCL355	355	180	60	125	5	8-M30X150	8	2460	1800	89.5
FCL400	400	200	60	125	5	10-M30X150	8	3920	1600	113
FCL450	450	224	65	140	5	12-M30X150	8	6180	1400	145
FCL560	560	250	85	160	5	14-M30X150	8	9800	1150	229
FCL630	630	280	95	180	5	18-M30X150	8	15680	1000	296

# GIICL 型 (窄型) 鼓型齿式联轴器

## Narrow drum tooth coupling



### 产品性能 >>>

### Performance

- GIICL鼓形齿联轴器通过鼓形外齿与内齿的啮合传递扭矩，其球面齿顶设计可补偿径向、轴向及角向位移，显著提升传动平稳性并延长使用寿命。
- 该联轴器专为重载工况设计，广泛应用于冶金、矿山及重型机械领域，具备高承载能力与耐磨特性，但对减振降噪要求较高的场景需谨慎选用。
- The GIICL drum gear coupling transmits torque through the meshing of drum-shaped external and internal teeth. Its spherical tooth top design can compensate for radial, axial and angular displacements, significantly enhancing transmission smoothness and extending service life.
- This coupling is specially designed for heavy-duty working conditions and is widely used in metallurgy, mining and heavy machinery fields. It features high load-bearing capacity and wear resistance. However, it should be selected with caution in scenarios with high requirements for vibration reduction and noise reduction.

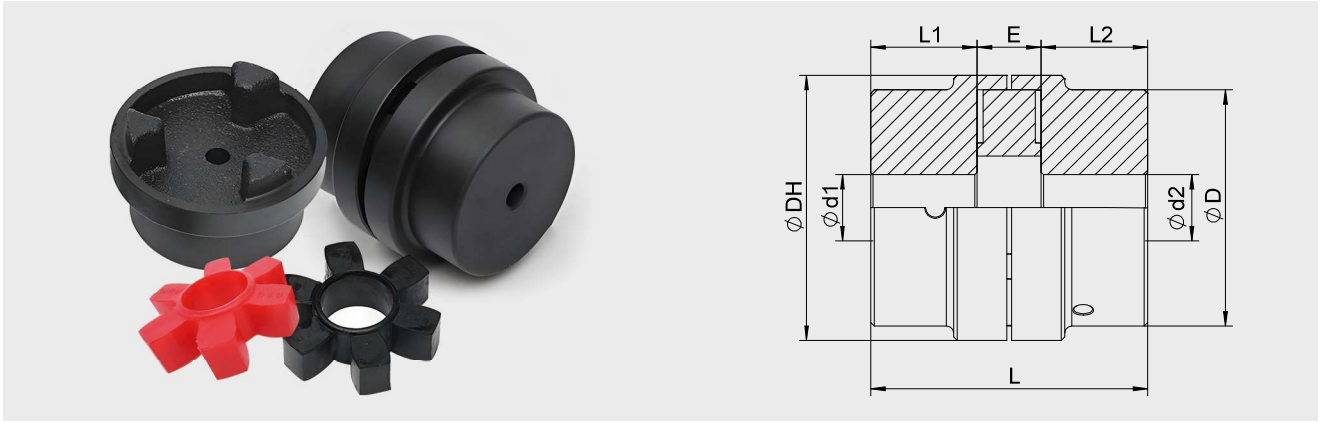
### 基本参数 >>>

### Basic parameters

型号 Model	公称转矩 Tn kN·m	许用转速 [n] r/min	d1,d2	L1,L2	D	D1	D2	C	A	B
GIICL1	0.4	4000	16,18,19	42	103	71	50	8	36	76
			20,22,24	52						
			25,28	62						
			30,32,35	82						
GIICL2	0.71	4000	20,22,24	52	113	80	60	8	42	88
			25,28	62						
			30,32,35,38	82						
			410,42,45	112						
GIICL3	1.12	4000	22,24	52	127	95	72	8	44	90
			25,28	62						
			30,32,35,38	82						
			40,42,45,48,50,55,56	112						
GIICL4	1.8	4000	38	82	149	116	90	8	49	98
			40,42,45,48,50,55,56	112						
			60,63,65	142						
GIICL5	3.15	4000	40,42,45,48,50,55,56	112	167	134	105	10	55	108
			60,63,65,70,71,75	142						
			45,48,50,55,56	112						
GIICL6	5	4000	60,63,65,70,71,75	142	187	153	125	10	56	110
			80,85,90	172						
			50,55,56	112						
GIICL7	7.1	3750	60,63,65,70,71,75	142	204	170	140	10	60	118
			80,85,90,95	172						
			100,105	212						
			55,56	112						
GIICL8	10	3300	60,63,65,70,71,75	142	230	186	155	12	67	142
			80,85,90,95	172						
			100,110,115	212						
			60,63,65,70,71,75	142						
GIICL9	16	3000	80,85,90,95	172	256	212	180	12	69	146
			100,110,120,125	212						
			130,135	252						
			65,70,71,75	142						
GIICL10	22.4	2650	80,85,90,95	172	287	239	200	14	78	164
			100,110,120,125	212						
			130,140,150	252						
			70,71,75	142						
GIICL11	35.5	2350	80,85,90,95	172	325	276	235	14	81	170
			100,110,120,125	212						
			130,140,150	252						
			160,170,175	302						
			75	142						
GIICL12	50	2100	80,85,90,95	172	362	313	270	16	89	190
			100,110,120,125	212						
			130,140,150	252						
			160,170,180	302						
			190,200	352						
GIICL13	71	1850	150	252	412	350	300	18	98	208
			160,170,180,185	302						
			190,200,220,225	352						
GIICL14	112	1650	170,180,185	302	462	418	335	22	172	296
			190,200,220	352						
			240,250	410						

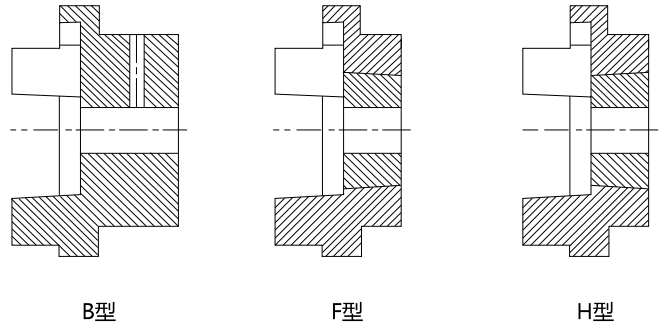
# HRC 弹性联轴器

Elastic coupling



## 产品介绍 >>> Product Introduction

HRC联轴器作为工业传动系统的关键部件，其核心采用橡胶或聚氨酯材质弹性元件，具有耐油性、适用温度范围广，能有效吸收设备轴向和径向的振动，同时传递扭矩，并具备轴向、径向、角向偏移补偿特性。轴套采用45#钢或铸铁材质，整体结构简单，拆装方便，免维护设计彻底消除润滑需求。



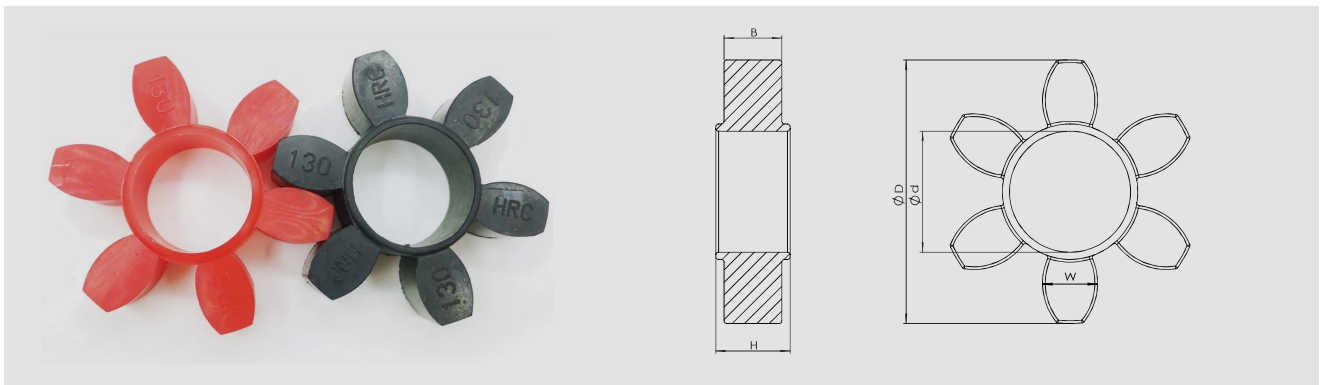
HRC couplings, as key components of industrial transmission systems, feature elastic elements made of rubber or polyurethane at their core. They are oil-resistant, have a wide applicable temperature range, can effectively absorb axial and radial vibrations of equipment, simultaneously transmit torque, and possess the characteristics of compensating for axial, radial, and angular offsets. The bushing is made of 45# steel or cast iron. The overall structure is simple, disassembly and assembly are convenient, and the maintenance-free design completely eliminates the need for lubrication.

## 基本参数 >>> Basic parameters

型号 (model)	F,B锥套 F,B cone sleeve	DH外径	d1,d2最大孔		D台阶	L1,L2		E间距	L		许用转速 [n]/min	公称转矩 Tn/N·m
			B	F,H		B	F,H		B	F,H		
HRC070	1008	69	32	25	60	23.5	23.5	18	65	65	8100	31
HRC090	1108	85	42	28	70	30	23.5	22.5	82.5	69.5	6500	80
HRC110	1610	112	55	42	100	45	26.5	29	119	82	5200	160
HRC130	1610	130	60	42	105	47.5	26.5	36	131	89	4100	315
HRC150	2012	150	70	50	115	56	33.5	40	152	107	3600	600
HRC180	2517	180	80	65	125	70	46.5	49	189	142	3000	950
HRC230	3020	225	100	75	155	90	52.5	59.5	239.5	164.5	2600	2000
HRC280	3525	275	115	100	206	105.5	66.5	74.5	285.5	207.5	2200	3150

# HRC 型联轴器弹性垫

type coupling elastic pad



## 产品性能>>> Performance

- HRC联轴器弹性垫采用聚氨酯或丁腈橡胶材质，通过高弹性变形吸收冲击振动，同时补偿轴向/径向偏差，尤其适用于频繁启停或需扭转减震的传动系统。
- 丁腈橡胶适用温度范围-30°~110°，耐磨耐老化。
- 聚氨酯橡胶适用温度范围-40°~100°，耐磨耐老化。

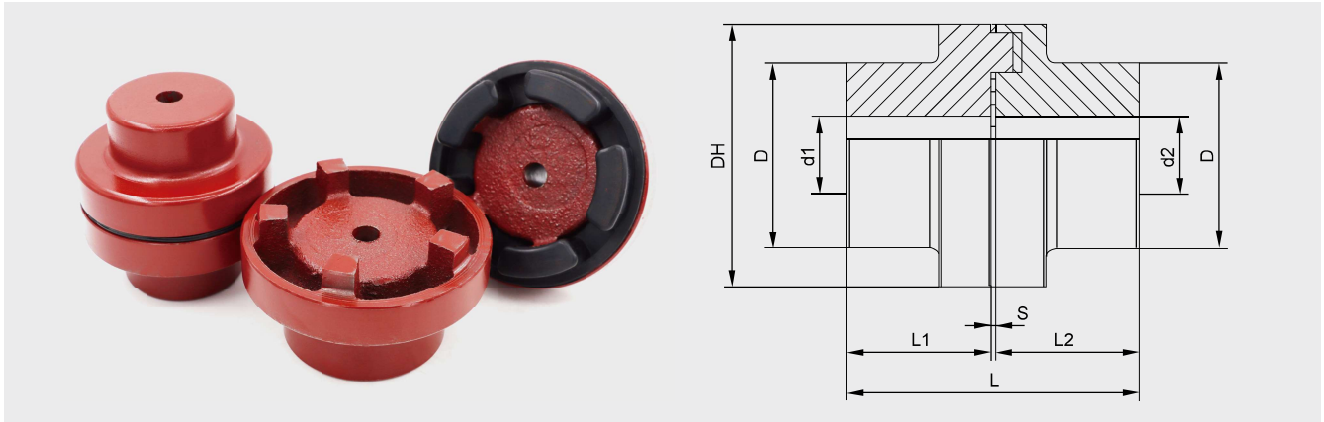
- The elastic pads of HRC couplings are made of polyurethane or rubber materials. They absorb shock and vibration through high elastic deformation and compensate for axial/radial deviations at the same time. They are especially suitable for transmission systems that frequently start and stop or require torsional shock absorption.
- Nitrile rubber is applicable within a temperature range of -30° C to 110° C and is wear-resistant and aging-resistant.
- The applicable temperature range of polyurethane rubber is -40°C to 100°C and it is wear-resistant and aging-resistant.

## 基本参数>>> Basic parameters

型号(Model)	D	d	W	B	H	重量Weight(g)
HRC-70	58.3	21.9	12	12	16	20
HRC-90	72.4	32.1	15.4	17	21	50
HRC-110	95.8	44	19.4	21	27	90
HRC-130	115.3	50	22	30	34	170
HRC-150	133	62	28	33	38	270
HRC-180	160	76	32.3	38	45	430
HRC-230	201	97	42.3	50	58	830
HRC-280	252	119	50.4	63	72	1620

# NM 爪式弹性联轴器

Claw type elastic coupling



## 产品性能 >>> Performance

联轴器采用精密铸造而成，运转中不易造成断裂，由两个凸爪件与一个橡胶弹性垫组成；

- 具有结构简单、安装方便，运行稳定、低噪音、免润滑维护等特点；
- 符合GB9439铸铁件标准的规定，安全可靠；
- 适配轴径7mm-95mm。

The coupling is made of precision casting and is not easily broken during operation. It consists of two protruding claws and a rubber elastic pad;

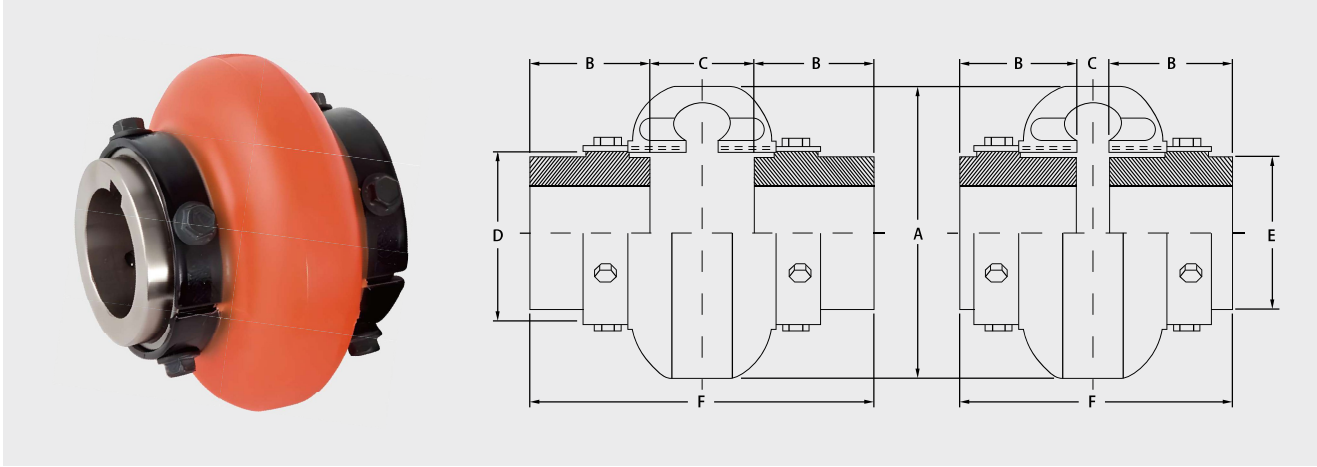
- It has the characteristics of simple structure, easy installation, stable operation, low noise, and lubrication free maintenance;
- Compliant with the GB9439 standard for cast iron parts, safe and reliable;
- Suitable for shaft diameters ranging from 7mm to 95mm.

## 基本参数 >>> Basic parameters

Model	Torque Tn/N·m	Max Torque Tn/N·m	Allowable speed r/min-1	d1,d2	D	DH	L1,L2	S
NM50	20	45	12500	7-19	33	50	25	2
NM67	35	75	10000	8-24	45	67	30	2
NM82	75	160	8000	10-32	52	82	40	2
NM97	150	340	7000	10-42	66	97	50	2
NM112	230	540	6000	14-48	79	112	60	2
NM128	380	860	5000	18-55	90	128	70	2
NM148	600	1350	4500	22-65	107	148	80	3.5
NM168	980	2250	4000	28-75	124	168	88	3.5
NM194	1650	3630	3500	32-85	140	198	100	3.5
NM214	2400	5400	3000	40-95	158	218	112	4

# OMEGA 欧米茄弹性联轴器

Flexible coupling



### 产品性能>>> Performance

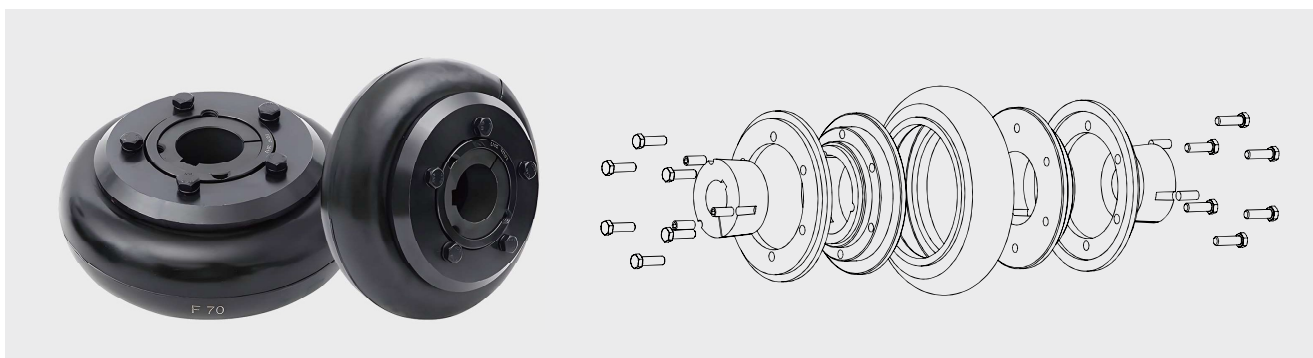
- 结构简单，安装方便，无需移动设备
  - 具有缓冲冲击载荷，吸收扭转和横向振动的作用
  - 弹性体柔性连接，无需润滑维护
  - 具有位移补偿功能，设备无需精确对中
  - 进口材质弹性体，耐腐蚀、无脆化
- Simple structure, easy installation, no need for mobile devices
  - Has the function of buffering impact loads, absorbing torsional and lateral vibrations
  - Elastic flexible connection, no lubrication maintenance required
  - Equipped with displacement compensation function, the device does not require precise centering
  - Imported material elastomer, corrosion-resistant, non brittle

### 基本参数>>> Basic parameters

Model	d1、d2 (Max mm)	Nominal torque (N.m)	Maximum speed (r/min)	Size (mm)								Weight (kg)
				A	B	C		D	E	F		
						Min	Max			Min	Max	
E2-M	28	22	7500	95	30	36	46	47	38	84	94	0.55
E3-M	34	41	7500	111	38	8	46	59	50	84	122	1.1
E4-M	42	62	7500	123	38	8	46	66	57	84	122	1.4
E5-M	48	105	7500	140	44	8	59	80	70	97	147	2.5
E10-M	55	164	7500	156	44	8	59	93	84	97	147	3.7
E20-M	60	260	6600	180	50	13	65	114	102	113	165	5.9
E30-M	75	412	5800	215	58	12	69	138	118	125	182	9.6
E40-M	85	622	5000	249	63	8	75	168	146	135	202	15.9
E50-M	90	864	4200	282	70	11	91	207	152	151	230	24.5
E60-M	105	1412	3800	320	82	8	97	222	165	173	262	32.8
E70-M	120	2490	3600	338	85	18	109	235	175	189	281	39
E80-M	155	4460	2000	406	114	17	149	286	240	245	377	77
E100-M	171	9600	1900	536	140	44	95	359	267	324	375	111
E120-M	190	19200	1800	638	152	57	124	448	305	362	429	193
E140-M	229	38400	1500	766	178	76	127	530	381	432	483	339

# F 型轮胎联轴器

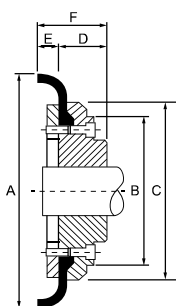
type tire coupling



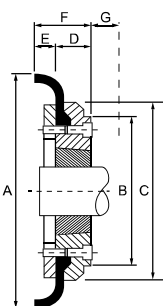
## 产品性能>>> Performance

- F轮胎联轴器利用高强度橡胶轮胎体作为弹性元件传递扭矩，具备优异的缓冲减震性能，可有效补偿轴向、径向及角向位移，且结构简单无需润滑。
- 适用于中等转矩(50-15000N·m)的工况，特别适应粉尘、潮湿等恶劣环境，广泛应用于轻工机械、工程设备及矿山传动系统等领域。

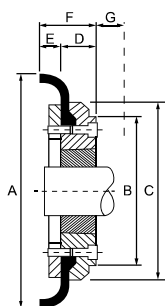
- The F tire coupling uses high-strength rubber tire bodies as elastic elements to transmit torque, featuring excellent shock absorption and vibration reduction performance. It can effectively compensate for axial, radial and angular displacements, and has a simple structure that requires no lubrication.
- It is suitable for medium torque (50-15,000 N·m) working conditions, especially suitable for harsh environments such as dust and humidity, and is widely used in light industrial machinery, engineering equipment and mining transmission systems and other fields.



Pilot Bore (B)

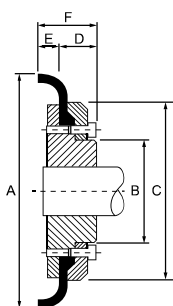


Taper Flange (F)

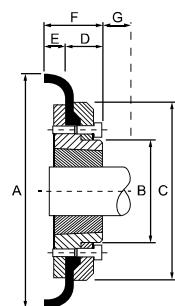


Taper Flange (H)

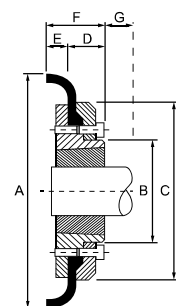
Sizes 040 to 060



Pilot Bore (B)



Taper Flange (F)



Taper Flange (H)

Sizes 070 to 250

## 基本参数>>> Basic parameters

型号 Model	锥套 Cone sleeve		最大孔 Maximum bore			A	B			C	E	F			D		
	F	H	B	F	H		B	F	H			B	F	H	B	F	H
F040	1008	1008	32	25	25	104	-	-	-	82	11	33	33	33	22	22	22
F050	1210	1210	38	32	32	133	79	79	79	100	12.5	45	38	38	32	25	25
F060	1610	1610	45	42	42	165	70	103	103	125	16.5	55	42	42	38	25	25
F070	2012	1610	50	50	42	187	80	80	80	144	11.5	47	44	42	35	32	25
F080	2517	2012	60	60	50	211	98	97	98	167	12.5	55	58	45	42	45	32
F090	2517	2517	70	60	60	235	112	108	108	188	13.5	63.5	59.5	59.5	49	45	45
F100	3020	2517	80	75	60	254	125	120	113	216	13.5	70.5	65.5	59.5	56	51	45
F110	3020	3020	90	75	75	285	128	134	134	233	12.5	75.5	63.5	63.5	63	51	51
F120	3525	3020	100	100	75	318	143	140	140	264	14.5	84.5	79.5	65.5	70	65	51
F140	3525	3525	130	100	100	365	178	178	178	311	16	110.5	81.5	81.5	94	65	65
F160	4030	4030	140	115	115	404	187	197	197	345	15	117	92	92	102	77	77
F180	4535	4535	150	125	125	470	200	205	205	398	23	137	112	112	114	89	89
F200	4535	4535	150	125	125	508	200	205	205	429	24	138	113	113	114	89	89
F220	5040	5040	160	125	125	562	218	223	223	474	27.5	154.5	129.5	129.5	127	102	102
F250	-	-	190	-	-	628	254	-	-	532	29.5	161.5	-	-	132	-	-

# F 型轮胎联轴器

type tire coupling

基本参数 >>>

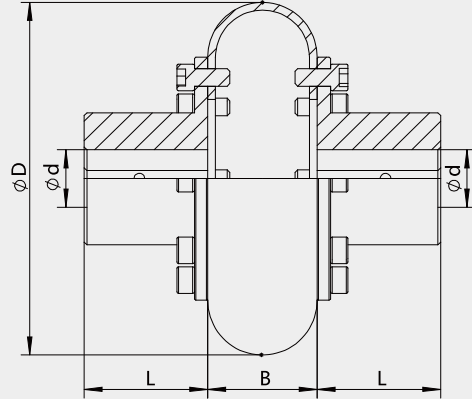
Basic parameters

型号 Size	最大转速 Max.Speed (RPM)	额定扭矩 Torque (NM)	最大扭矩 Max Torque(NM)	最大偏心量 Max.Parallel Misalignment (mm)	扭转刚矩 Torsional Stiffness (NM)	最大轴向窜动 Max.End Float (mm)	螺丝尺寸 Screw Size	螺钉数量 Screw NO.	螺钉扭矩 Screw Torque (NM)
F040	4500	25	65	1.1	5	1.3	M5	4	6
F050	4500	65	160	1.3	13	1.7	M6	4	11
F060	4000	125	320	1.6	26	2	M6	5	11
F070	3600	250	490	1.9	41	2.3	M8	5	28
F080	3100	380	760	2.1	63	2.6	M8	6	28
F090	3000	500	1100	2.4	91	3	M10	6	55
F100	2600	670	1520	2.6	126	3.3	M10	6	55
F110	2300	880	2140	2.9	178	3.7	M12	6	55
F120	2100	1330	3550	3.2	296	4	M12	6	99
F140	1800	2330	5640	3.7	470	4.6	M16	8	99
F160	1600	3770	9340	4.2	778	5.3	M20	8	245
F180	1500	6270	16450	4.8	1371	6	M16	12	245
F200	1300	9330	23500	5.3	1959	6.6	M20	12	245
F220	1100	11600	33120	5.8	2760	7.3	M20	12	477
F250	1000	14680	42740	6.6	3562	8.2	M20	16	477



# UL 型轮胎联轴器

type tire coupling



基本参数 >>>

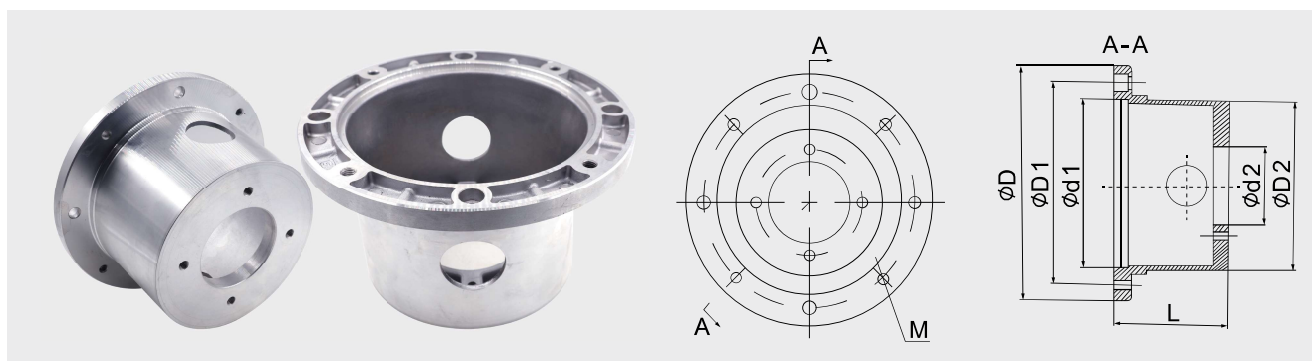
Basic parameters

型号	轴孔直径 d	长度 L	外径 D	轮胎厚度 B	螺栓中心距 D1	公称转矩 T <sub>n</sub> /N·m	瞬时最大转矩 T <sub>max</sub> /N·m	许用转速 [n]/r·min <sup>-1</sup>	转动惯量 I/kg·m <sup>2</sup>
UL1	11	25	80	20	42	10	31.5	5000	0.0003
	12、14	32							
	16、18	42							
UL2	14	32	100	26	51	25	80	5000	0.0008
	16、18、19	42							
	20、22	52							
UL3	18、19	42	120	32	62	63	180	4300	0.0022
	20、22、24	57							
	25	-							
UL4	20、22、24	52	140	38	69	100	315	4500	0.0044
	25、28	62							
	30	-							
UL5	24	52	160	45	80	160	500	4000	0.0084
	25、28	62							
	30、32、35	82							
UL6	28	62	180	50	90	250	710	3600	0.0164
	30、32、35、38	82							
	40	112							
UL7	32、35、38	82	200	56	104	315	900	3200	0.029
	40、42、45、48	112							
UL8	38	82	220	63	110	400	1250	3000	0.0448
	40、42、45、48、50	112							
UL9	42、45、48、50、55、56	112	250	71	130	630	1800	2800	0.0898
	60	-							
UL10	45、48、50、55、56	112	280	80	148	800	2240	2400	0.1596
	60、63	142							
UL11	50、55、56	112	320	90	165	1000	2500	2100	0.2792
	60、63、65、70、71、75	142							
UL12	55、56	112	360	100	188	1600	4000	2000	0.5356
	60、63、65、70、71、75	142							
	80、85	172							
UL13	63、65、70、71、75	142	400	110	210	2500	6300	1800	0.896
	80、85、90、95	172							
UL14	75	142	480	130	254	4000	10000	1600	2.2616
	80、85、90、95	172							
	100、110	212							
UL15	85、90、95	172	560	150	300	6300	14000	1200	4.6456
	100、110、120、125	212							
UL16	100、110、120、125	212	630	180	335	10000	20000	1000	8.0924
	130、140	252							



## 铝制钟型罩

Aluminum bell shaped cover



### 产品性能>>>

#### Performance

- 用于连接IEC标准电机和液压油泵;
  - 电机轴与泵轴自动对中;
  - 钟型罩底部采用加强筋结构;
  - 侧面有透气孔, 并配有网状护罩, 安全方便的观察机器运转情况;
  - 可用于重负荷, 有切边和不切边两种形式, 可供立式、卧式电机的选择。
- Used to connect IEC standard motors and hydraulic oil pumps;
  - Automatic alignment between motor shaft and pump shaft;
  - The bottom of the bell shaped cover adopts a reinforced rib structure;
  - There are breathable holes on the side and a mesh cover for safe and convenient observation of the machine's operation;
  - It can be used for heavy loads, with two forms of edge cutting and non edge cutting, and can be selected for vertical and horizontal motors.

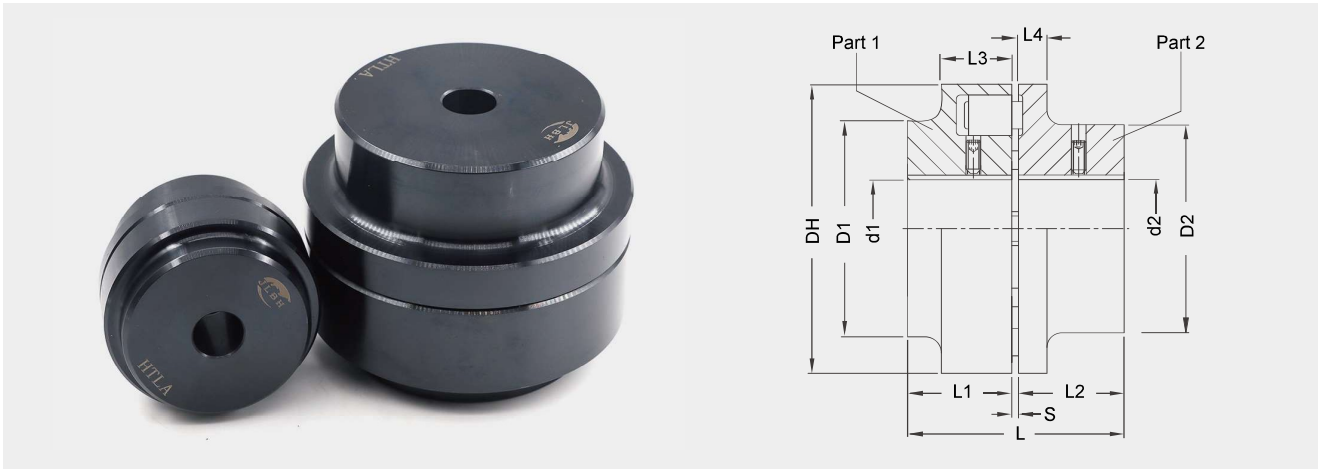
### 基本参数>>>

#### Basic parameters

型号 Model	D	D1	d1	d2最小值	D2	L	M	KW <sub>n</sub> =1450
PK140	140	115	95	47	97	110	M8	
PK150	150	130	110	38	115	110	M8	
PK200	200	165	130	30	129	110	M10	0.55-1.5kw
				40	127	145		
PK250	250	215	180	35	178	120	M12	2.2-4kw
				38	178	137		
PK300	300	265	230	38	185	155	M12	5.5-7.5kw
				38	170	195		
PK350	350	300	250	76	229	188	M16	11-22kw
				76	230	204		
PK400	400	350	300	76	234	228	M16	30kw
				97	288	204		
PK450	450	400	350	97	286	228	M16	37-45kw
				97	284	256		
				97	276	234		
				91	297	262		
				97	276	285		
				97	276	315		

# HTLA H形弹性块联轴器

## H shaped elastic block coupling



### 产品性能 >>> Performance

H形弹性块联轴器采用高强度橡胶或聚氨酯弹性体作为缓冲元件，可有效吸收冲击振动并补偿径向、角向偏差。具备高扭矩传递能力和抗疲劳性能，适用于泵、风机、压缩机等传动系统。结构紧凑，无需润滑，维护成本低，能在-30℃至+80℃环境中稳定运行。弹性块可单独更换，显著延长使用寿命，广泛用于机械制造、电力、化工等行业动力传动领域。

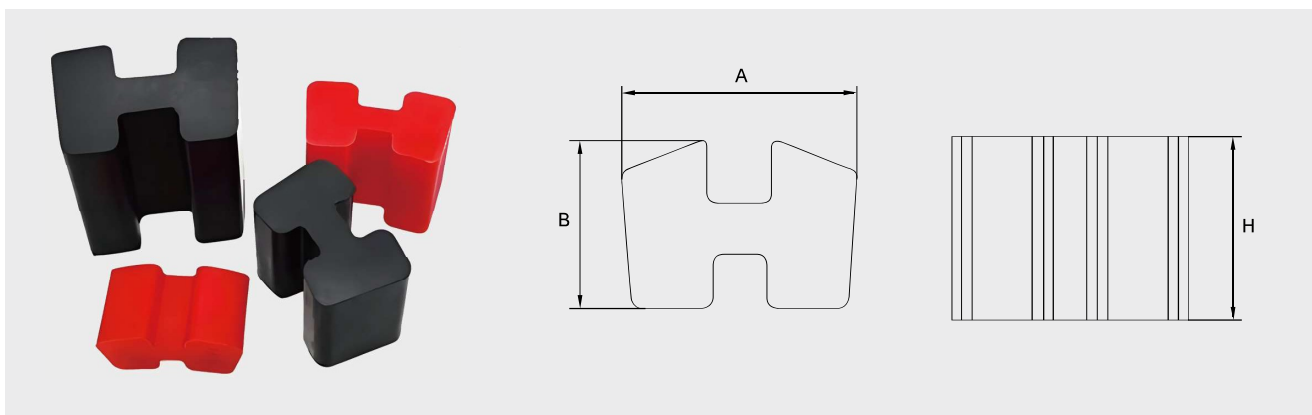
The H-type elastic block coupling adopts high-strength rubber or polyurethane elastomer as the buffering element, which can effectively absorb shock and vibration and compensate for radial and angular deviations. It has high torque transmission capacity and anti-fatigue performance, and is suitable for transmission systems of pumps, fans, compressors, etc. The structure is compact, no lubrication is required, the maintenance cost is low, and it can operate stably in the temperature range of -30°C to +80°C. The elastic blocks can be replaced separately, significantly extending the service life, and are widely used in the power transmission fields of mechanical manufacturing, power, chemical industry, etc.

### 基本参数 >>> Basic parameters

型号 Model	公称扭矩 Nm	最高转速 rpm	d1	d2	DH	D1	D2	L1/L2	S	L3	L4	L
HTLA1/58	19	7500	19	24	58	58	40	20	3	20	8	43
HTLA2/68	34	7000	24	28	68	68	50	20	3	20	8	43
HTLA3/80	60	6000	30	38	80	80	68	30	3	30	10	63
HTLA4/95	100	5500	42	42	95	76	76	35	3	30	12	73
HTLA5/110	160	5300	48	48	110	86	86	40	3	34	14	83
HTLA6/125	240	5100	55	55	125	100	100	50	3	36	18	103
HTLA7/140	360	4900	60	60	140	100	100	55	3	34	20	113
HTLA8/160	560	4250	65	65	160	108	108	60	4	39	20	124
HTLA9/180	880	3800	75	75	180	125	125	70	4	42	20	144
HTLA10/200	1340	3400	85	85	200	140	140	80	4	47	24	164
HTLA11/225	2000	3000	90	90	225	150	150	90	4	52	18	184
HTLA12/250	2800	2750	100	100	250	165	165	100	6	60	18	206
HTLA13/280	3900	2450	110	110	280	180	180	110	6	65	20	226

# H 型弹性块

shaped elastic block



## 产品性能>>> Performance

丁腈橡胶:

耐低温-30°耐高温110°

耐磨 耐老化 耐油

产品硬度75-85

聚氨酯橡胶:

耐低温-40°耐高温100°

耐磨 耐老化 耐油

产品硬度75-98

Nitrile rubber:

Low-temperature resistance: -30° C, high-temperature resistance: 110° C

Wear-resistant, anti-aging and oil-resistant

The hardness of the product is 75-85

Polyurethane rubber:

Low-temperature resistance: -40° C, high-temperature resistance: 100° C

Wear-resistant, anti-aging and oil-resistant

The hardness of the product is 75-98

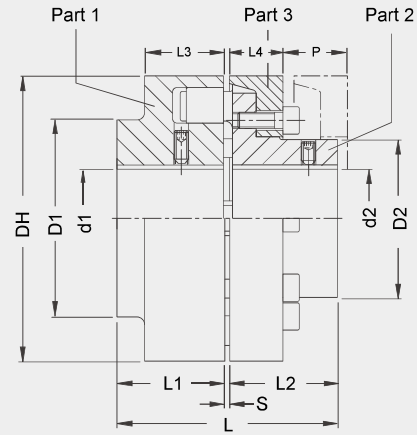
## 基本参数>>> Basic parameters

Model	A	B	H
H-80	21.7	9.8	9
H-95	25	13	12
H-110	29	13.3	15.5
H-125	32.5	13.9	18.4
H-140	36	15.8	20
H-160	35	19.2	22
H-180	36.3	20.3	24
H-200	38	23.3	26.7
H-225	40.7	24	31
H-250	46	31.8	36.5

Model	A	B	H
H-280	51	32.6	39.4
H-315	47	35	41
H-350	57.6	38	55
H-400	61.5	40	47.5
H-440	68	42	51.7
H-480	80	45.7	55
H-520	85	50	62.3
H-560	90	75	70
H-610	90	63	75
H-710	105	80	88

# HTLB H形弹性块联轴器

## H shaped elastic block coupling



### 产品性能 >>>

### Performance

H形弹性块联轴器采用高强度橡胶或聚氨酯弹性体作为缓冲元件，可有效吸收冲击振动并补偿径向、角向偏差。具备高扭矩传递能力和抗疲劳性能，适用于泵、风机、压缩机等传动系统。结构紧凑，无需润滑，维护成本低，能在-30℃至+80℃环境中稳定运行。弹性块可单独更换，显著延长使用寿命，广泛用于机械制造、电力、化工等行业动力传动领域。

The H-type elastic block coupling adopts high-strength rubber or polyurethane elastomer as the buffering element, which can effectively absorb shock and vibration and compensate for radial and angular deviations. It has high torque transmission capacity and anti-fatigue performance, and is suitable for transmission systems of pumps, fans, compressors, etc. The structure is compact, no lubrication is required, the maintenance cost is low, and it can operate stably in the temperature range of -30°C to +80°C. The elastic blocks can be replaced separately, significantly extending the service life, and are widely used in the power transmission fields of mechanical manufacturing, power, chemical industry, etc.

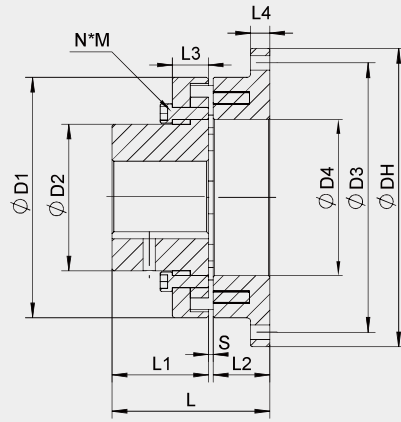
### 基本参数 >>>

### Basic parameters

型号 Model	公称扭矩 Nm	最高转速 rpm	d1	d2	DH	D1	D2	L1/L2	S	L3	L4	P	L
HTLB1/110	180	5000	48	38	110	86	62	40	3	34	20	33	83
HTLB2/125	280	4500	55	45	125	100	75	50	3	36	23	38	103
HTLB3/140	400	4000	60	50	140	100	82	55	3	34	28	43	113
HTLB4/160	630	3500	65	58	160	108	95	60	4	39	28	47	124
HTLB5/180	1000	3100	75	65	180	125	108	70	4	42	30	50	144
HTLB6/200	1600	2800	85	75	200	140	122	80	4	47	32	53	164
HTLB7/225	2240	2500	90	85	225	150	138	90	4	52	38	61	184
HTLB8/250	3150	2200	100	95	250	165	155	100	6	60	42	69	206
HTLB9/280	4500	2000	110	105	280	180	172	110	6	65	42	73	226
HTLB10/315	6300	1800	100	100	315	165	165	125	6	70	47	78	256
			120	120		200	200						
HTLB11/350	8000	1600	110	110	350	180	180	140	6	74	51	83	286
			140	140		230	230						
HTLB12/400	11200	1400	120	120	400	200	200	160	6	78	56	88	326
			150	150		250	250						
HTLB13/440	14000	1300	130	130	440	215	215	180	7	86	64	99	367
			160	160		265	265						
HTLB14/480	18000	1200	145	145	480	240	240	190	7	90	65	104	387
			180	180		300	300						

# HTLD H型弹性块联轴器

## H-type elastic block coupling



### 产品性能 >>> Performance

HTLD H 型弹性块联轴器是一种机械传动部件，主要用于连接两根轴，使它们能够一起旋转并传递扭矩。它的结构特点是在两个半联轴器之间装有弹性块。这些弹性块一般是由橡胶或聚氨酯等弹性材料制成。半联轴器通常是采用优质的45号钢材质，通过精密加工而成，以确保与轴的配合精度。广泛应用于冶金、矿山、起重、运输、化工、轻工等众多工业领域。

HTLD H-type elastic block coupling is a mechanical transmission component mainly used to connect two shafts, so that they can rotate together and transmit torque. Its structural feature is the installation of an elastic block between two half couplings. These elastic blocks are generally made of elastic materials such as rubber or polyurethane. Half couplings are usually made of high-quality 45 steel material and precision machined to ensure precise fit with the shaft. Widely used in many industrial fields such as metallurgy, mining, lifting, transportation, chemical industry, and light industry.

### 基本参数 >>> Basic parameters

Model	torque	speed	d max	D1	D2	L1	L2	S	L	DH	D4	D3	L4	N*M
HTLD1/125	345	6000	55	125	73.5	50	34	3	84	158	75	142	10	6*M8
HTLD2/140	500	5300	60	140	80.5	55	37	3	92	180	82	160	13	6*M10
HTLD3/160	840	4800	70	160	93.5	60	43	4	103	200	95	180	13	7*M10
HTLD4/180	1250	4300	80	180	106	70	46	4	116	220	110	200	13	8*M10
HTLD5/200	1950	3900	90	200	119	80	51	4	131	248	120	224	16	8*M12
HTLD6/225	2300	3600	100	225	135	90	56	4	146	274	135	250	16	8*M12
HTLD7/250	3900	3000	115	250	153	100	65.5	5.5	165.5	314	150	282	20	8*M16
HTLD8/280	5500	3000	125	280	168	100	70.5	5.5	180.5	344	170	312	20	8*M16

# JS 蛇形弹簧弹性联轴器

## Serpentine spring flexible couplings

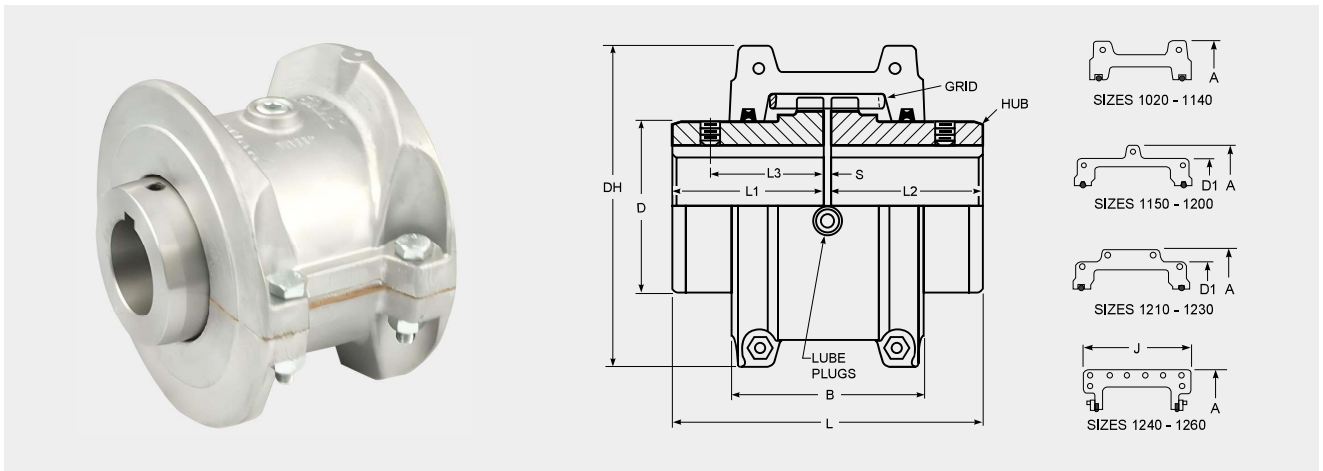


### 基本参数 >>> Basic parameters

型号	公称转矩 Tn/N·m	许用转速 [n]/t·min <sup>-1</sup>	轴孔直径 d1,d2	轴孔长度 L1,L2	总长 L	外壳高度 L3	外径 D	间隙 S	转动惯量 I/kg·m <sup>2</sup>	润滑油用量 kg
JS1	45	4500	18,19	47	97	66	95	3	0.00141	0.0272
			20,22,24							
			25,28							
JS2	140	4500	22,24	47	97	68	105	3	0.00223	0.0108
			25,28							
			30,32,35							
JS3	224	4500	25,28	50	103	70	115	3	0.00327	0.0544
			30,32,35,38							
			40,42							
JS4	400	4500	32,35,38	60	123	81	130	3	0.00727	0.068
			40,42,45,48,50							
JS5	630	4350	40,42,45,48,50,55,56	63	129	94	150	3	0.0119	0.0862
JS6	900	4125	48,50,55,56	76	155	97	160	3	0.0185	0.113
			60,63,65							
JS7	1800	3600	55,56	89	181	115	190	3	0.0451	0.172
			60,63,65,70,71,75							
			80							
JS8	3150	3600	65,70,71,75	98	199	122	210	3	0.0787	0.254
			80,85,90,95							
JS9	5600	2440	75	120	245	155	250	5	0.178	0.426
			80,85,90,95							
			100,110							
JS10	8000	2250	85,90,95	127	259	162	270	5	0.27	0.508
			100,110,120							
JS11	12500	2025	90,95	149	304	191	310	6	0.514	0.735
			100,110,120,125							
			130,140							
JS12	18000	1800	110,120,125	162	330	195	346	6	0.989	0.907
			130,140,150							
			160,170							
JS13	25000	1600	120,125	184	374	201	384	6	1.85	1.13
			130,140,150							
			160,170,180							
			190,200							
JS14	35500	1500	140,150	183	372	271	450	6	3.49	1.95
			160,170,180							
			190,200							
JS15	50000	1300	160,170,180	198	402	278	500	6	5.82	2.81
			190,200,220							
			240							

# T10 蛇形弹簧弹性联轴器

## Serpentine spring flexible coupling



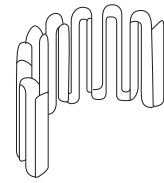
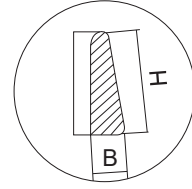
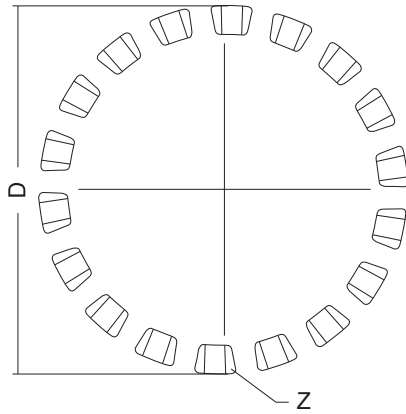
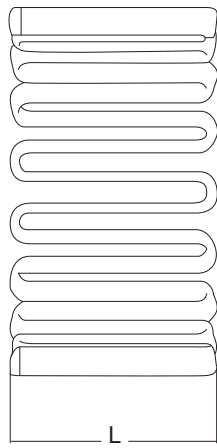
### 基本参数 >>>

### Basic parameters

型号 Model	孔径范围 d1,d2	外径 DH	台阶 D	轴孔长度 L1,L2	间隙 S	罩壳长度 B	总长 L	顶丝位置 L3	扭矩 Torque(Nm)	最大转速 rpm
1020T	13-28	97	39.7	47.6	3	66.7	98.2	39.1	52	4500
1030T	23-35	105.7	49.2	47.6	3	68.3	98.2	39.1	149	4500
1040T	23-43	114.3	57.2	50.8	3	69.9	104.6	40.1	249	4500
1050T	13-50	135.1	66.7	60.3	3	80.9	123.6	44.7	435	4500
1060T	20-56	147.8	76.2	63.5	3	93.5	130	52.3	684	4350
1070T	20-67	158.8	87.3	76.2	3	96.8	155.4	53.8	994	4125
1080T	27-80	190.5	104.8	88.9	3	115.6	180.8	64.5	2050	3600
1090T	27-95	211.1	123.8	98.4	3	122.2	199.8	71.6	3730	3600
1100T	42-110	251	142.1	120.6	5	155.4	246.2	-	6280	2440
1110T	42-120	269.7	160.3	127	5	161.5	259	-	9320	2250
1120T	61-140	307.8	179.4	149.2	6	191.5	304.4	-	13700	2025
1130T	67-170	345.9	217.5	161.9	6	195.1	329.8	-	19900	1800
1140T	67-200	384	254	184.2	6	201.2	374.4	-	28600	1650
1150T	108-215	453.1	269.2	182.9	6	271.5	371.8	-	39800	1500
1160T	121-240	501.9	304.8	198.1	6	278.4	402.2	-	55900	1350
1170T	134-280	566.9	355.6	215.9	6	307.3	437.8	-	74600	1225
1180T	253-300	629.9	393.7	238.8	6	321.1	483.6	-	103000	1100
1190T	153-335	675.6	436.9	259.1	6	325.1	524.2	-	137000	1050
1200T	178-360	756.9	497.8	279.4	6	355.6	564.8	-	186000	900
1210T	178-390	844.6	533.4	304.8	13	431.8	622.6	-	249000	820
1220T	203-420	920.8	571.5	325.1	13	490.2	663.2	-	336000	730
1230T	203-450	1003.3	609.6	345.4	13	546.1	703.8	-	435000	680
1240T	254-480	1087.1	647.7	368.3	13	647.7	749.6	-	559000	630
1250T	254-550	1181.1	711.2	401.3	13	698.5	815.6	-	746000	580
1260T	254-600	1260.9	762	431.8	13	762	876.6	-	932000	540

# T 型蛇簧

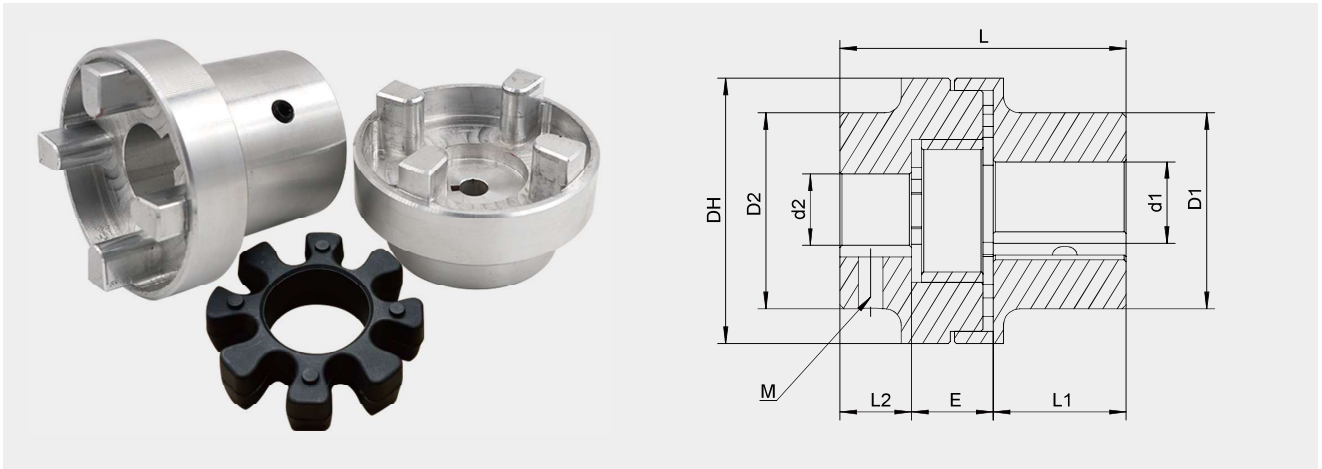
Type spring



型号 Model	外径 D	簧宽 L	簧高 H	簧截面宽 B	总齿数 Z	每套片数 N
1050					36	
1060					36	
1070					36	
1080	140	81	12.5	4.5	36/32	2
1090	160	87	12.5	4.5	36	2
1100	190	111	16	5.2	36	2
1110	208	118	16	5.2	40	2
1120	235	137	19	6.6	40	2
1130	273	140	19	6.6	48	2
1140	310	146	19	6.6	52	2
1150	366	168	25	7.5	54/48	3
1160	410	178	25	7.5	60	3
1170	460	188	25	7.5	64	4
1180	520	200	32	9	64/60	4
1190	567	208	32	9	64	4
1200	624	218	32	9	64/68	4
1210	716	279	32	12	60	4
1220	770	318	38	12	64	4
1230	827	366	38	12	72	6
1240	925	419	38	12	84	7
1250	1005	498	42	15	72	8
1260	1085	535	42	15	80	8
1270	1175	575	42	15	90	10
1280	1275	625	42	15	96	12

# OMT-ND 铝合金联轴器

Aluminum alloy coupling



## 产品介绍 >>> Product Introduction

OMT ND系列联轴器采用铝合金材质轴套和聚氨酯弹性垫组成，该产品为意大利OMT品牌的替代品，产品有结构简单、安装方便、自重较轻等特点，具有缓冲减震、轴向位移补偿、径向位移补偿和角向位移补偿的作用。

The OMT ND series couplings are composed of aluminum alloy shaft sleeves and polyurethane elastic pads. This product is an alternative to the Italian OMT brand. It features a simple structure, convenient installation, and relatively light self-weight. It has the functions of buffering and shock absorption, axial displacement compensation, radial displacement compensation, and angular displacement compensation.

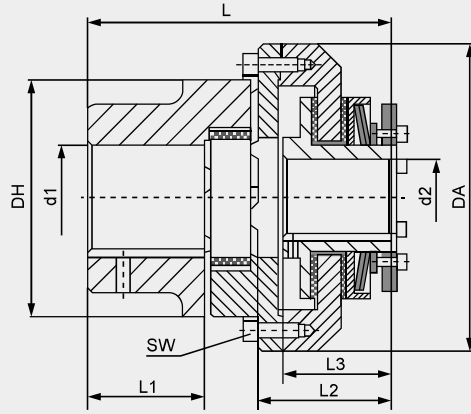
## 基本参数 >>> Basic parameters

型号	电机端 Motor side				弹性垫 Elastic pad		泵端 Pump side			
	外径 DH	台阶 D1	轴孔长度 L1	内孔 d1	型号	间距 E	台阶 D2	最小孔 d2	最大孔 d2	轴孔长度 L2
ND48A	48	30	19	11	R42	16	30	-	17	15/17
ND48B			29	14						
ND48C		38	54	19						
ND48D				24						
ND65A	65	42	47.5	19	R62	18	34	15.88	20	21.5/20
ND65B		48		24			48	15	25.4	20-31.5
ND65C		53	57.5	28			42	18	25.4	20-50
ND86A	86	55	60	28	R82	20	48	15	25.4	22/24/27
ND86B		73	88	38			55	18	32	22-48
							64	18	35	22-68
ND108A	108	73	77	38	R103	24	64	15.88	40	30/32/34
ND108B		84	110	42			64	17.46	40	30-42
ND108C		100	110	48			64	18	40	30-48
ND108D		100	110	55			64	30	40	30-70
ND143B	143	106	110	55	R132	29	75	-	50	36-52
ND143C		137	140	60						
ND143D				65						
ND143E				75						



# TLC 扭力限制型联轴器

Torque-limiting coupling



## 产品性能 >>>

### Performance

TCL摩擦式安全联轴器采用摩擦片传递扭矩，过载时自动打滑切断动力，防止设备损坏。扭矩可调，具备高精度、响应快等特点，适用于机床、输送线等场景，保护电机及减速机。结构紧凑、免维护，故障后复位便捷，无需更换部件，有效降低停机成本，是工业传动的理想保护装置。

The TCL friction-type safety coupling transmits torque through friction plates. When overloaded, it automatically slips and cuts off the power to prevent equipment damage. The torque can be adjusted and it features high precision and fast response. It is suitable for scenarios such as machine tools and conveyor lines, protecting the motor and reducer. The structure is compact and maintenance-free. After a fault, it can reset conveniently without the need to replace components, effectively reducing downtime costs. It is an ideal protective device for industrial transmission.

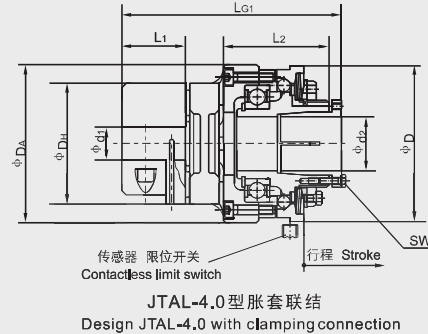
## 基本参数 >>>

### Basic parameters

型号 Model	扭矩范围 torque range	最高转速 Max speed rpm	d1	d2	DA	DH	L	L1	L2	L3	SW
TLC200-1	2.9~9.8	1800	6-19	8-14	70	39	76.5	25.5	36	29	6-M4
TLC200-2	6.9~20										
TLC250-1	6.9~27	1800	8-24	10-22	87	54	105.5	30.5	58	48	6-M5
TLC250-2	14~54										
TLC350-1	20~74	1800	10-28	17-25	118	64	128.5	35.5	74	62	6-M6
TLC350-2	34~149										
TLC500-1	47~210	1800	14-42	20-42	158	94	165	51	90	76	8-M8
TLC500-2	88~420										
TLC700-1	116~569	1400	22-65	30-64	216	135	223	77	115	98	8-M10
TLC700-2	223~1080										
TLC1016-1	400~1240	1400	40-90	30-72	300	198	281.5	102.5	139	115	8-M12
TLC1024-2	590~1860										

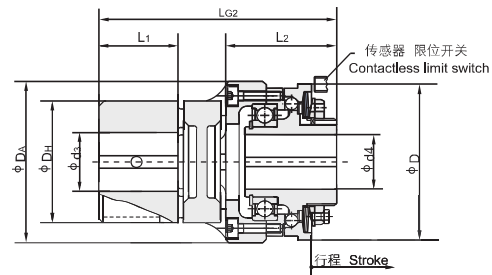
# JTAL 钢球式扭矩限制器

## Steel ball torque limiter



钢球式扭矩限制联轴器通过内置精密钢球与楔槽的滚动离合结构传递扭矩，当系统负载超过预设阈值时，钢球瞬间滑移实现物理分离（响应时间约2ms），从而切断动力传递以保护设备核心部件。

该装置具备双向过载保护能力与精确力矩调节功能，力矩覆盖范围0.6Nm至56500Nm，广泛应用于造纸机械、印刷设备及重型传动系统，且支持手动或自动快速复位。



### 基本参数 >>>

### Basic parameters

JTAL 规格	φ d <sub>1</sub>	φ d <sub>2</sub>	φ d <sub>3</sub>	φ d <sub>4</sub>	D <sub>A</sub>	D <sub>H</sub>	D	L <sub>G1</sub>	L <sub>G2</sub>	L <sub>1</sub>	L <sub>2</sub>
01	15-28	10-20	8-28	10-20	70	55	70	102	95	30	47
02	19-35	15-25	10-38	15-25	85	65	85	120	112	35	57
03	20-45	20-35	12-45	20-30	100	80	100	146	138	45	69
04	28-45	30-45	14-55	30-40	115	95	115	159	150	50	74
05	35-55	35-55	20-60	35-50	135	105	135	182	171	56	87
06	45-80	40-65	35-80	40-65	175	135	171	255	240	75	130

JTAL 规格	扭矩范围 Torque Range (Nm)			最高转速 Max. speed unbalanced rpm	过载发生止推位移 Thrust washer stroke on overload mm
	X 型	L 型	M 型		
01	5-12.5	10-25	20-50	4000	1.2
02	10-25	20-50	40-100	3000	1.5
03	20-50	40-100	80-200	2500	1.8
04	40-100	80-200	160-400	2000	2.0
05	70-175	140-350	280-700	1200	2.2
06	120-300	240-600	480-1200	800	2.5

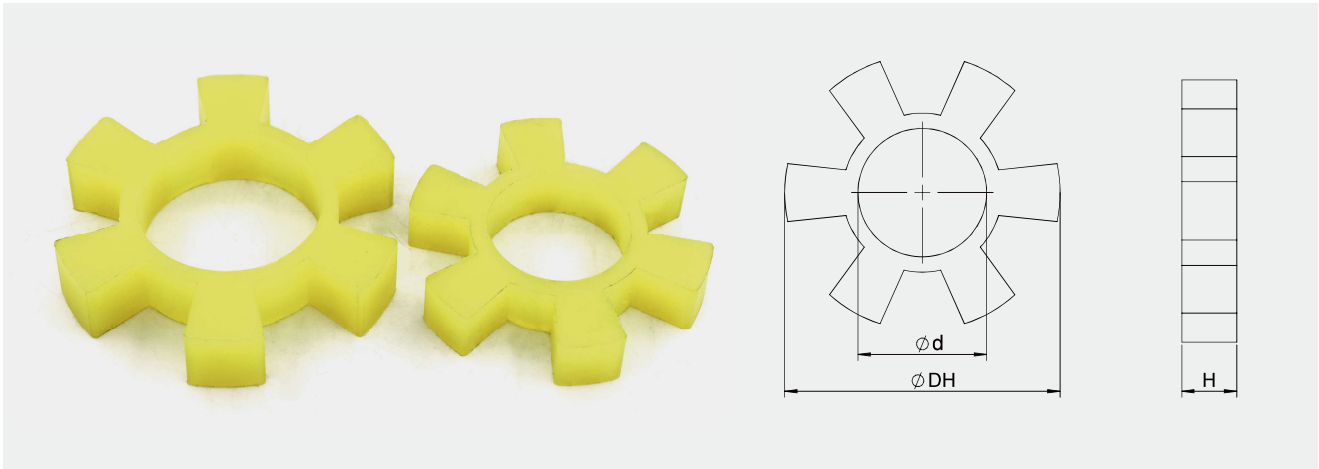
### ◇ 订货描述示例:

Order form:

JTAL03	L	φ 20	φ 20	φ20 键槽 φ20keyway 或 φ 20-4.0 φ 20-4.0 claping
规格与型号 Size/type of joint	扭矩范围 Torque Range (Nm)	d <sub>1</sub> 成品孔径 Finish bore (H7)	d <sub>2</sub> 成品孔径 Finish bore (H7)	成品孔径(H7)键槽按 GB/T3852-1997(JS9)标准 Keyway toGB/T3852 sheet 1997 (Js9)

# T 型六角轮弹性垫

type Hexagonal wheel elastic pad



## 产品性能>>> Performance

- T型六角轮弹性垫，采用聚氨酯、牛筋、橡胶、氟胶等材质；
- 具有耐磨、缓冲、寿命长、耐高温、耐腐蚀的特性；
- 应用场景较为普遍。
- T-shaped hexagonal wheel elastic pad, made of materials such as polyurethane, cow tendon, rubber, fluorine rubber, etc;
- Has characteristics of wear resistance, buffering, long service life, high temperature resistance, and corrosion resistance;
- The application scenarios are quite common.

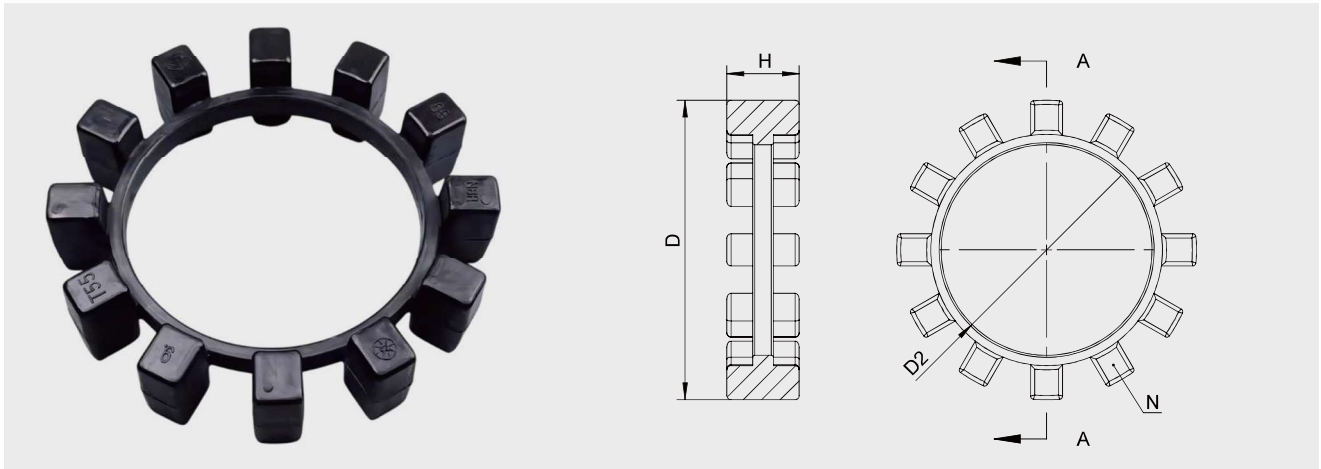
## 基本参数>>> Basic parameters

型号	DH	d	H	瓣数
T-75	75	31	15	6
T-80	80	40	15	6
T-85	85	40	17	6
T-90	90	40	18	6
T-95	95	42	20	6
T-100	100	52	22	6
T-105	105	52	22	6
T-110	110	52	22	6
T-120	120	60	25	6
T-125	125	62	25	6
T-130	130	65	25	6

型号	DH	d	H	瓣数
T-135	135	68	25	6
T-140	140	68	26	6
T-145	145	70	27	6
T-150	150	80	28	6
T-155	155	80	28	8
T-165	165	82	30	6
T-170	170	83	30	6
T-175	175	85	30	6
T-180	180	90	30	6
T-200	200	110	35	8
T-210	210	100	38	6

# AR 型联轴器弹性垫

type coupling elastic pad



基本参数 >>>

Basic parameters

型号(Model)	D	D2	H	N
AR28	60	36.5	16	8
AR32	70	41	18	10
AR38	76	50	19	10
AR42	87	55	23	10
AR48	96	64	25	10
AR55	110	73	26	10
AR60	119	81	28	10
AR65	130	86	30	12
AR75	148	100	35	12
AR85	170	116	43	12
AR90	180	128	46	12

# 05

## APPLICATION AREA

### 应用领域

联轴器是用来联接不同机构中的两根轴（主动轴和从动轴）使之共同旋转并传递扭矩，部分联轴器还有缓冲、减振和提高轴系动态性能的作用。一般动力机大都借助于联轴器与工作机相联接，是机械产品轴系传动最常用的联接部件。



工程机械和农用机械



泵和压缩机行业



风电行业



固定式发电设备



机床行业

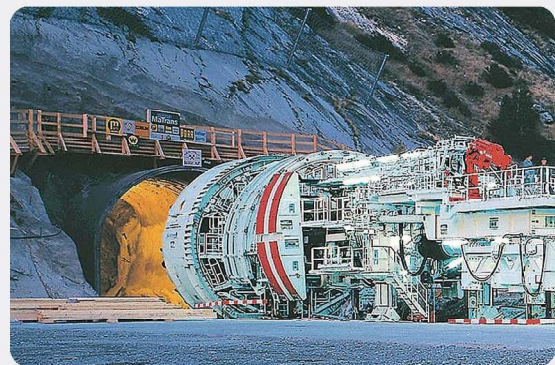


海洋/造船

联轴器是机械传动系统中的重要组成部分，常用于联结两轴或轴与回转件以传递扭矩及运动，广泛的应用于工程机械、轻工机械、橡胶机械、交通运输机械以及冶金、化工、矿山、机床、车船、电子、飞机等液压系统中。



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