

泰克曼联轴器

Tecmen coupling

—— 现代传动技术的卓越代表
—— Excellent representative of modern transmission technology



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江苏泰克曼传动设备有限公司

Jiangsu Tecmen Transmission Equipment Co.,Ltd.

企业文化 Enterprises' culture

企业愿景：以精品提升价值，创传动世界名牌

Enterprise vision: to enhance the value of products, create the world famous brand

企业使命：为动力传递技术提供最佳链接

Enterprise mission: to provide the best link for the power transmission technology

经营理念：创新进取 诚信致恒

Business philosophy: innovation and enterprise integrity

核心价值观：务实、共育、共赢、创新

Core values: pragmatic, CO education, win-win, innovation

企业精神：团结、开拓、求实、创新

Enterprise spirit: unity, development, truth, innovation

质量方针：做一流产品、行一流服务

Quality policy: to do first-class products, first-class service

公司发展历程

Milestone

1997年 德国TECMEN公司创立

2000-2010年 南京泰克曼联轴器有限公司在南京成立

2010年 江苏泰克曼传动设备有限公司在南京成立

泰克曼动力传动技术享誉世界

TECMEN power transmission worldwide



公司简介

Brife Introduction

泰克曼公司是专门从事动力传动零部件的制造商。国际间合作的泰克曼集团为世界各地的客户提供的技术服务、传动方案、及联轴器产品帮助他们解决了动力传动工程中的难题。

泰克曼的工程师采用高科技手段解决动力传动工程问题。为订制方案做扭振分析和计算，为客户提供的专业化建议，在技术、经济、个性化服务和环境方面都具有不可比拟的优势。

TECMEN Power Transmission is a manufacturer of power transmission components. The international operating TECMEN Group offers engineering, coupling systems and power transmission solutions worldwide.

The professional advice from TECMEN engineers achieves decisive technical, economic /personal service and environment advantages for the customers. The special capability by our engineers is high-tech mechanical engineering. TECMEN offers engineering services based on torsional vibration calculation and analysis for each drive.



产品系列 Production

泰克曼动力传动技术享誉世界

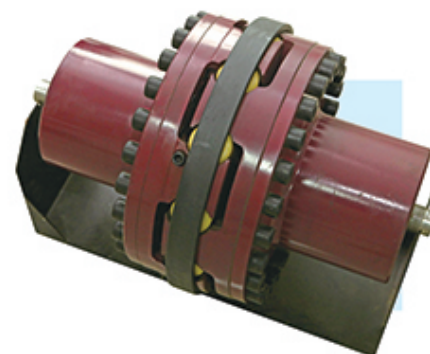
TECMEN power transmission worldwide



TMB系列：弹性高效联轴器

TMB Series: Flexible high performance coupling

用于高扭矩场合，如：
High torque capacity, applications e.g:
发电机组、缆车、造船等
Generator sets, cable cars, shipbuilding.



TMS系列：带有制动盘的弹性联轴器

TMS Series: Flexible coupling with brake disc for general use



轧钢厂、辊道、升降机
Applications: e.g. steel mills, table roller

起重机、泵、压缩机、挖泥机等
Hoists, cranes, pumps, compressors, dredgers

TECMEN动力传动技术已广泛地用于世界各地的核电厂、水力发电厂、缆车、汽车工业、汽轮机厂和钢铁厂

The power transmission, the engineering and the know how of TECMEN is supplied to nuclear power plants, hydroelectric plants, cable cars, the automotive industry, turbine plants or steel industry worldwide.

TMZ系列：齿轮联轴器

TMZ Series: Gear-coupling, minimum backlash

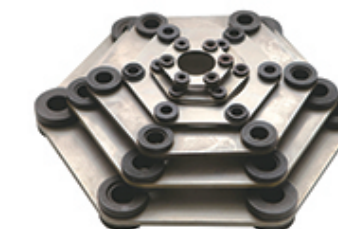
两轴之间的间隙最小
Between shaft end possible

使用场合有：水闸、碎煤机、轧机机座等
Applications: e.g. Sluices, coal braker, metal planing machine.



TMG系列：钢膜片联轴器

TMG Series: Steel-discpack coupling



符合API610, AP1617标准。特点是无间隙、刚性扭转、高速、免维护。使用场合有：造纸机械、纺织机械、鼓风机、风扇、印刷机械、泵、石油化工等

No backlash, torsional rigid, high speed maintenance free applications: e.g. paper and textile machines, blowers, fans, printing machines, pumps, petrochemical industry AP1610, AP1671

NTA系列：弹性联轴器

NTA series: elastic coupling



产品特点：

一般弹性联轴器中间的弹性体承受弯曲力和压力，易磨损，而NTA联轴器的弹性体仅受压力，因而能承受更大的负荷。弹性体在承载和高转速时有变形，因此安装时应为其变形预留足够的空间，所有规格的联轴器最大扭转角均能达到5°。既可水平安装，也可立式安装。联轴器是扭向弹性联轴器，有失效保护功能，能有效地阻尼和减少运行过程中所产生的振动和冲击。两个轴套的爪形齿在圆周方向上相互错开半个齿距，在其间隙装入一个渐开线梅花形弹性体。当轴在安装时出现偏差，弹性体的鼓形齿避免了应力集中。联轴器能有效纠正轴向、径向和角向的安装偏差。

主要应用领域：

广泛应用于减速机、风机、压缩机、钢厂、道路机械等行业。

Product features:

In the middle of the elastic coupling, the elastic rests are subjected to bending force and pressure, which is easy to wear, and the NTA coupling is only under pressure, so it can bear more load. Elastic body with high speed and load deformation, so the installation should be

set aside enough space for the deformation of all specifications of the maximum torsion angle of the coupling can reach 5°. It can be installed horizontally or vertically. Coupling is a torsional elastic coupling, a failure protection function, can effectively reduce the vibration and impact caused by the operation of the process. Two sleeves of the claw tooth in the circumferential direction of the mutual staggered half tooth distance, in the gap into an involute plum shaped elastic body. When the axial deviation in installation, drum tooth elastic body avoid stress concentration. Coupling can effectively correct the axial, radial and angular misalignment of the installation.

Main application areas:

Widely used in speed reducer, fan, compressor, steel mill, road machinery and other industries.

产品系列 Production

泰克曼动力传动技术享誉世界

TECMEN power transmission worldwide



TMV系列：弹性联轴器

TMV series: elastic coupling

产品特点

- 1、弹性体为一种高强度合成耐磨橡胶，因此其减振、缓冲性能好，并具有优秀的抗扭、耐磨、吸震等特性。能够实现对机器设备的有效保护。
- 2、本系列产品金属部分为精密铸件，安全可靠性好。
- 3、本系列产品具有较大的径向，轴向，角度补偿能力。
- 4、本系列产品可配有制动盘，能满足客户的特殊需要。
- 5、轴向尺寸小，零件少，结构简单，不用润滑，维护方便。

主要应用领域：

广泛应用于风机，泵类，造纸，纺织，印刷，工程机械，道路机械等行业。

Product features

- 1.the elastomer is a kind of high strength synthetic wear rubber, so its vibration damping, cushioning performance is good, and has excellent resistance to torsion, wear resistance, shock absorption and so on. Able to achieve effective protection of machinery and equipment.
2. the series of metal parts for precision castings, good safety and reliability.
3. this series of products with a larger radial, axial, angle compensation capability.
4. this series of products can be equipped with a brake disc, to meet the special needs of customers.
5. axial size is small, less parts, simple structure, no lubrication, easy maintenance.

Main application areas:

Widely used in fan, pump, papermaking, textile, printing, engineering machinery, road machinery and other industries.

TMU系列：万向联轴器

TMU series: universal coupling

产品特点

- 1、具有较大的轴向、径向、角向补偿能力。
- 2、回转直径小、重量轻、承载能力高、转速高、传动平稳性好、噪音低。
- 3、环境适应性强，适用于高温，有腐蚀作用的场合。
- 4、结构设计合理，安装，使用，维护简便。
- 5、“十”字轴和轴承从德国 TECMEN 公司成套进口，承载能力大、使用寿命长，并配有油杯，使润滑更方便。
- 6、叉头和轴体全部选用合金钢材材料精制而成，并采用高强度航空焊接，使其更为安全可靠。
- 7、根据用户的需要可配置高强度精密螺栓（10.9级）。

主要应用领域：

广泛应用于工程机械、起重、冶金、石化、造纸、矿山、机械等行业。

Product features

- 1, with a larger axial, radial, angular compensation capability.
- 2, the diameter is small, the weight is light, the carrying capacity is high, the speed is high, the transmission is steady, the noise is low.
- 3, strong adaptability to the environment, suitable for high temperature, corrosive occasions.
- 4, the structure design is reasonable, installation, use, maintenance is simple.
- 5, "ten" word shaft and bearing from Germany TECMEN company imported complete sets, bearing force, long service life, and is equipped with an oil cup, the lubrication is more convenient.
- 6, the fork head and shaft body all the selection of alloy steel material, and the use of high strength aviation welding, make it more safe and reliable.
- 7, according to the needs of the user can be configured with high strength precision bolts (10.9).

Main application areas:

Widely used in construction machinery, lifting, metallurgy, petrochemical, paper, mining, machinery and other industries.

65TMV
061TMV
062TMV



扭力限制器(也叫扭矩限制器，安全联轴器、安全离合器)，是联接主动机与工作机的一种部件，主要功能为过载保护。扭力限制器是当超载或机械故障而导致所需扭矩超过设定值时，它以打滑形式限制传动系统所传动的扭力，当过载情形消失后自行恢复联结。这样就防止了机械损坏，避免了昂贵的停机损失。扭力限制器采用弹簧负荷式摩擦表面，以螺帽或螺栓调整弹簧力，预设其滑动扭矩。按工作原理可分为摩擦式扭矩限制器和钢球式扭矩限制器(滚珠式扭矩限制器)，应用范围：电子装备行业、自动化生产线、输送机行业等。

The torque limiter (also called the torque limiter, safety coupling, safety clutch) is a part of the active machine and the working machine, the main function is overload protection. The torque limiter is a kind of torque which is caused by overload or mechanical failure, which limits the torque of the transmission system in the form of slipping when the torque exceeds the set value. This prevents mechanical damage and avoids costly downtime. The torque limiter with spring-loaded friction surface, with a nut or bolt to adjust the spring force, the sliding torque preset. According to the working principle can be divided into friction torque limiter and ball type torque limiter (ball type torque limiter), application scope: electronic equipment industry, automation production line, conveyor industry, etc..

国标系列 National standard series

JS 系列
JS Series

蛇簧联轴器
Flex tapered grid steel-coupling

优越的扭转缓冲性能，良好弥补位移偏差的能力，能够有效降低由于偏差造成的冲击负荷和集中应力。

使用场合有：煤炭、石化、电力、造纸、码头

Excellent torsional cushioning performance, good ability to compensate for the deviation of displacement, can effectively reduce the impact caused by the impact load and concentrated stress.

Applications: e.g. coal, petrochemical, power, paper, terminal.

GICL
G II CL



LT



NL



SWC



LX/HL

