

打造装备旗舰，引领纺织发展

CREATING A FLAGSHIP IN MANUFACTURING,  
LEADING THE DEVELOPMENT OF TEXTILE INDUSTRY



无锡宏大专件科技有限公司  
WUXI HONGDA TEXPARTS CO., LTD.

花式捻线锭子

FANCY YARN TWISTING SPINDLE



无锡宏大专件科技有限公司  
WUXI HONGDA TEXPARTS CO., LTD

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产品规格与外观可能有变更,恕不预先通知。

The specifications and external appearance of this unit are subject to change without prior notice.



# 企业简介

## ENTERPRISE INTRODUCTION

无锡宏大专件科技有限公司始建于1959年，现位于无锡市滨湖区马山梁晖路29号，是中国国机集团恒天集团经纬纺织机械股份有限公司旗下的骨干企业。公司厂区占地面积39940平方米，资产总值5亿元，现有员工300人，是一家专注于纺织机械专件研发、制造与技术服务的国家级专精特新“小巨人”企业。

公司主营产品包括摩擦式假捻器及配件、假捻器轴承、纺织锭子轴承、锭带张力盘、包覆锭子、短纤维倍捻锭子、花式捻线锭子等，多项产品技术指标达到国际先进水平，并持续与前沿科技同步发展，引领纺织机械专件行业的创新与进步。

作为中国重要的纺织机械专件研发生产基地，公司设有独立的江苏省纺织机械专件工程技术研究中心、假捻器产品研发中心，已获得46项国家发明及实用新型专利。产品畅销海内外，以卓越品质赢得客户广泛认可。

公司近年来屡获殊荣，先后被评为江苏省先进级智能工厂、国机集团先进级智能工厂、江苏省省级技术中心、“五星级上云”企业等，充分体现了公司在智能制造、技术创新与数字化转型方面的领先实力。

「因为专注 所以专业」  
「因为专业 所以信赖」

CONCENTRATION LEAD TO PROFESSION  
PROFESSION LEAD TO FAITH

Wuxi Hongda Texparts Co., Ltd., established in 1959 and now located in No. 29, Lianghui Road, Mashan Street, Binhu District, Wuxi City, is a core enterprise under Jingwei Textile Machinery Co., Ltd. of the CHTC Group, a subsidiary of SINOMACH. The company occupies a site area of 39940 square meters, with total assets valued at CNY 500 million and a current workforce of 300 employees. It is recognized as a National-Level "Little Giant" Enterprise that specializes and excels in its field, focusing on the R&D, manufacturing, and technical services of specialized textile machinery components.

The main products include series of friction false twistors and parts, series of false twister bearings, series of spindle bearings, series of spindle tape tension pulleys, series of covering spindles, series of TFO spindles, etc. Its xfx brand is well-known in the industry of textile machinery spares. The products are not only reached the advanced international level, but also keeping pace with the latest technical development and guiding the overall improvement of the whole textile machinery industry.

As a key R&D and production base for textile machinery components in China, the company operates independent provincial-level centers for R&D, manufacturing, and testing. Coupled with its portfolio of 46 national invention and utility model patents, its high-quality products are sold globally and have earned widespread customer recognition.

In recent years, the company has won numerous awards and has been recognized as a provincial-level technology center in Jiangsu Province, a "five-star cloud based" enterprise, and an advanced level intelligent factory in Jiangsu Province, fully demonstrating the company's leading strength in intelligent manufacturing, technological innovation, and digital transformation.



## 系列花式捻线锭子 SERIES OF FANCY YARN TWISTING SPINDLES

### 用途 APPLICATION

系列花式捻锭子是花式捻线机的配套件，主要用于结子纱、竹节纱、螺旋纱等多种花式纱的捻制。  
Being an auxiliary part of fancy yarn twisters, the series of fancy yarn twisting spindles are mainly used for the twisting of boucle yarn, flake yarn and spiral yarn.



KD3231C

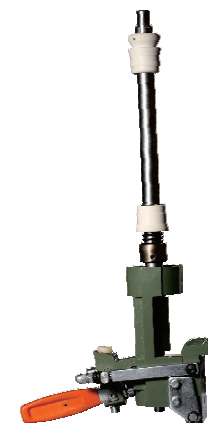


KD231D

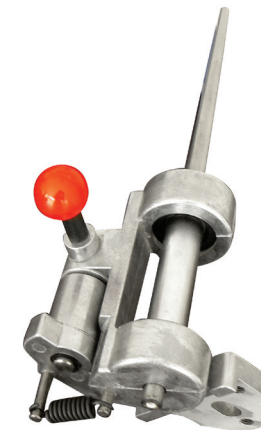
### 主要技术特征 MAIN TECHNICAL FEATURES



- ★ 小卷装、功耗低，适用于小批量多品种的生产。
- ★ 结构上采用减震轴承，结构紧凑，振幅低，润滑条件好。
- ★ Small package, low power consumption and suitable for the production in low volume and rich varieties.
- ★ Anti-vibration bearings with a compact structure for low amplitude and superior lubrication.



KD3257A/C



XFZ3205B/C



KD3256



KD3233A



KD3275

### 主要规格与参数 MAIN SPECIFICATIONS

| 型号 /Model                         | KD231D | KD3257/C | KD3231B | Kd3256 | XFZ3205B/C | K03233/A | KD3275 | KD3278 |
|-----------------------------------|--------|----------|---------|--------|------------|----------|--------|--------|
| 最高机械转速<br>Max. speed(rpm)         | 12500  | 15000    | 10000   | 15000  | 12000      | 12000    | 15000  | 15000  |
| 适用机械转速<br>Applicable speed(rmp)   | 9500   | 12000    | 8500    | 10000  | 9000       | 10000    | 10000  | 10000  |
| 传动轮直径<br>Dia. of ingot-shaped(mm) | 16     | 26       | 30      | 26     | 22         | 25       | 32     | 32     |
| 锭杆内孔径<br>Dia. of inside hole(mm)  | 7      | 7        | 7       | 7      | 4          | 7        | 7      | 7      |
| 筒管长度<br>Length of bolster         | 195    | 191      | 200     | 190    | 180        | 190      | 175    | 175    |
| 备注<br>Remark                      | 专利产品   | 专利产品     | 专利产品    | /      | 专利产品       | 专利产品     | 专利产品   | /      |

系列捻线锭子  
ROW TWISTING SPINDLES

用途 APPLICATION

FD系列捻线锭子主要用于化纤长丝的加捻,化纤长丝经加捻后可以制成风格各异、用途广泛的纱线。

结构及性能特点:

该锭子是一种新型的捻线锭子,一种采用细长孔铝套管与空心锭杆拼接结构,减轻自重载荷,龙带传动或者无刷直流电机驱动,另一种采用细长杆传动销结构;龙带传动的锭盘外形为鼓形或直形;..上、下轴承位置配用特殊材料阻尼件,具有良好的减振功能;

锭子卷装容量大,无需停车加油维护,在高速转动时振动低,纱线捻度均匀,纱线质量好,操作劳动强度低。

FD series twisting spindle is mainly used for twisting chemical fiber filaments, which can be made into yarns of different styles and a wide range of uses.

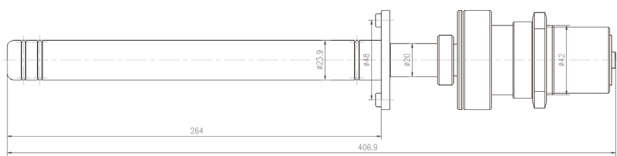
Structure and performance characteristics:

The spindle is a new twisting spindle. One adopts the splice structure of slender hole aluminum bushing and hollow spindle bar to reduce the dead load. The other adopts the drive structure of slender rod pin. Dragon belt drive ingot disk shape for drum or straight; The upper and lower bearing positions are equipped with special material damping parts, which have good damping function;

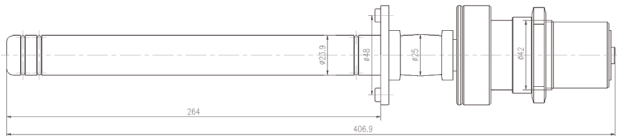
Large volume of spindle, no need to stop refueling maintenance, low vibration in high speed rotation, uniform twist, good yarn quality, low labor intensity operation.

主要规格与参数 MAIN SPECIFICATIONS

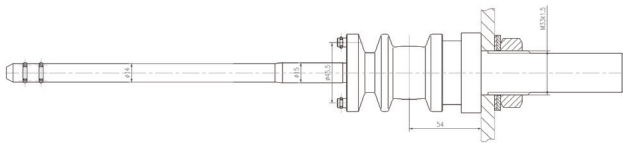
| 产品型号    | 适用工作转速<br>(r/min) | 基本结构         | 配套机型   | 备注                |
|---------|-------------------|--------------|--------|-------------------|
| FD4425A | 10000~13000       | 锭盘外形为鼓形,龙带驱动 | 捻线机    | 锭盘直径φ25mm         |
| FD4426B | 10000~13000       | 锭盘外形为直形,龙带驱动 | 捻线机    | 锭盘直径φ20mm         |
| Fd4429  | 8000~12000        | 下置式电动机驱动     | 高速雪尼尔机 | 电动机最高机械转速15000rpm |
| FD4440B | 6000~11000        | 锭盘外形为鼓形,龙带驱动 | 捻线机    | 锭盘直径φ40mm         |
| FD4442B | 6000~11000        | 锭盘外形为鼓形,龙带驱动 | 捻线机    | 锭盘直径φ32mm         |
| FD4446B | 6000~11000        | 锭盘外形为鼓形,龙带驱动 | 捻线机    | 锭盘直径φ35mm         |



FD4426B型捻线锭子



FD4425A型捻线锭子



FD4440/4442/4446系列捻线锭子