

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.

包覆锭子、纱管、精密络筒机锭子

COVERING SPINDLE, BOBBIN, PRECISION WINDER SPINDLE



无锡宏大专件科技有限公司
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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.

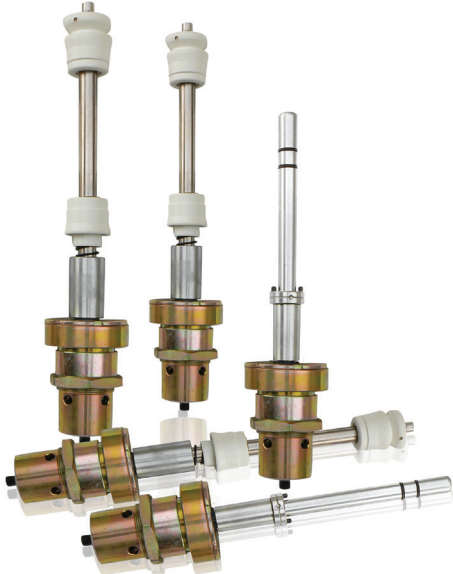
As a key R&D and production base for textile machinery components in China, the company operates independent provincial-level centers for R&D, manufacturing, and testing. Coupled with its portfolio of 46 national invention and utility model patents, its high-quality products are sold globally and have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



系列包覆锭子
SERIES OF COVERING SPINDLES

用途 APPLICATION



该系列锭子是包覆机上的关键部件，用于将真丝、涤纶等化纤长丝及棉花等纤维螺旋形缠绕在氨纶芯线上（双色或单色）使包覆丝既具有氨纶的弹性，又具有外包丝的外观及手感，为生产弹性机织物、针织物提供理想的包覆丝原料。

As a key part of covering machine, the series are used for winding the chemical fibres like silk, polyester filament or cotton on the spandex core yarn (single color or double colors) in helix. In this way, the covering yarn will get not only the elasticity as spandex but also the appearance as the outsourcing yarn, which can supply perfect covering yarns for producing elastic woven and knit fabric.

主要技术特征 MAIN TECHNICAL FEATURES



锭杆采用专用进口轴承作支承，并有上、下阻尼支撑，能吸振降噪，高速型包覆锭子的结构合理，在其内腔形成特殊的气路，由空气冷却轴承，保证轴承的使用寿命。直杆结构锭子通过上、下联接套将筒管的径向和轴向固定；锥杆结构锭子通过锥度配合固定筒管，操作方便、快捷。

The spindle rod is supported by dedicated imported bearings, complemented by upper and lower damping supports that absorb vibration and reduce noise. The high-speed covering spindle features an optimized design that creates a unique air passage within its internal cavity. This airflow cools the bearings, ensuring an extended service life. For straight-spindle models, the bobbin is radially and axially secured via upper and lower couplers. Tapered-spindle models utilize a taper fit for bobbin fixation, the operation is convenient and fast.

主要规格与参数 MAIN SPECIFICATIONS

产品型号	带轮直径	适用工作转速 (r/min)	基本结构	优选纱管规格	最高转速时 最大储纱量 (g)
BF3102(M4BA)	φ25	7000~22000	有锭胆、上直杆镶拼结构	φ76xφ36xL140x151	376
BF3107(M4DA)	φ25	11000~18000	有锭胆、直杆结构	φ76xφ36xL140x151	376
BF3108(M4DA1)	φ25	11000~17000	有锭胆、直杆结构	φ76xφ36xL140x151	376
BF3109(M4DA2)	φ25	11000~16000	有锭胆、直杆结构	φ76xφ36xL140x151	376
BF3111(M4FA)	φ25	10000~15000	无锭胆、直杆结构	φ84xφ36xL140x151	492
BF3112 (节能型)	φ25	10000~15000	无锭胆、直杆结构	φ84xφ36xL140x151	492
BF3113(M4KA)	φ25	8000~18000	有锭胆、直杆结构	φ76xφ36xL140x151	376
BF3121(M5DA)	φ25	11000~18000	有锭胆、直杆结构	φ84xφ36xL150x161	527
BF3122(M5DA1)	φ25	11000~17000	有锭胆、直杆结构	φ84xφ36xL150x161	527
BF3123(M5DA2)	φ25	10000~16000	有锭胆、直杆结构	φ84xφ36xL150x161	527
BF3125(M5FA)	φ25	10000~15000	无锭胆、锥杆结构	φ84xφ36xL150x140	527
BF3126 (节能型)	φ25	10000~15000	无锭胆、锥杆结构	φ84xφ36xL150x161	527
BF3128	φ25	11000~18000	有锭胆、短直杆结构	φ84xφ33xL129x140	453
BF3135	φ30	7000~10000	有锭胆、上直杆镶拼结构	φ81.5xφ47.5xL89x97	232
BF3136	φ25	10000~15000	有锭胆、短直杆结构	φ84xφ40xL140x126	380
BF3140	φ20	7000~22000	有锭胆、上直杆镶拼短结构	φ68xφ32xL100x110	214
BF3142	φ32	8000~15000	有锭胆、上直杆镶拼结构	φ104xφ54xL140x151	680
BF3143	φ25	7000~15000	有锭胆、直杆结构	φ76xφ35xL165x176	440
BF3150	φ20	7000~22000	有锭胆、上锥杆镶拼短结构	φ62xφ32xL100x110	214
BF3155	φ25	7000~18000	有锭胆、锥杆结构	φ84xφ36xL135x146	475
BF3156	φ25	7000~15000	无锭胆、锥杆结构	φ84xφ36xL135x146	475
BF3158	φ20	7000~20000	有锭胆、上锥杆镶拼结构	φ62xφ32xL100x110	214
BF3160	φ14	23000~28000	跌倒式、锥杆结构	φ70xφ32xL85x95	196
BF3163	φ25	7000~ 12000	无锭胆、直杆结构	φ90xφ36xL165x176	690
BF3175	φ25	7000~18000	有锭胆、锥杆结构	φ76xφ45xL150x166	330
BF3176	φ25	7000~15000	无锭胆、锥杆结构	φ84xφ45xL150x166	454

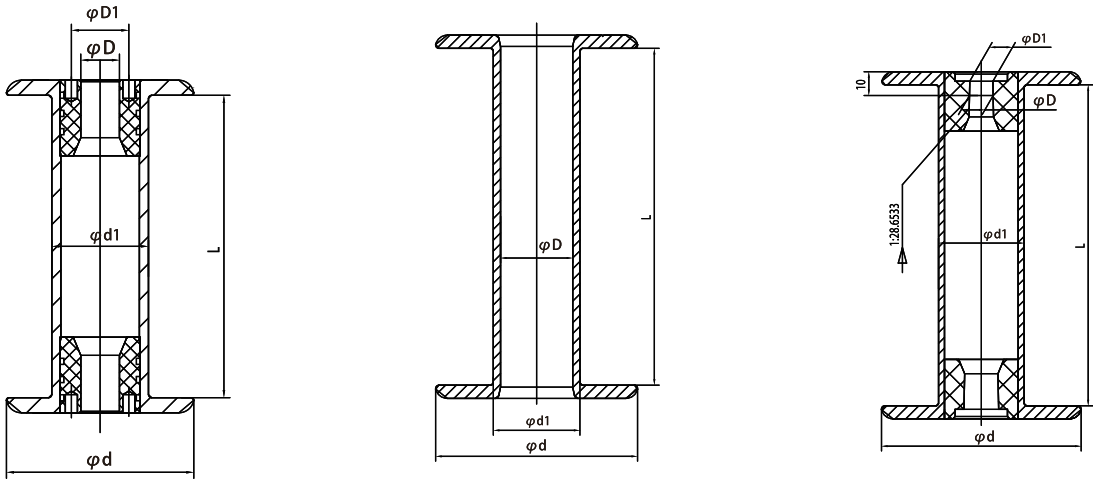
系列节能纱管
SERIES OF ENERGY CONSERVATION BOBBIN

主要技术特征 MAIN TECHNICAL FEATURES



- ★ 产品按欧洲同类产品标准生产控制，产品精度高。
- ★ 产品采用精密数控机床加工，产品的尺寸、几何位置精度高，纱管储纱长度尺寸一致性好，倒筒起始点位置统一，络纱精度符合要求。
- ★ 采用精密动平衡仪进行加工，产品的动平衡精度高，纱管运转平稳性高，在满载的情况下测试，产品比国内同类产品节能约10-20%左右，节能效果好。
- ★ 产品表面采用硬质阳极氧化处理，表面硬度高，耐磨性能好。
- ★ The production control is the same as the standard of the European products.Products have high precision.
- ★ Processing with the precise CNC machines.Products have high precision of the dimension,geometry and position.Best consistency of the bobbin's size of the block. Rewinding starting point position is unified.Winding accuracy is sized up.
- ★ The process is used precise dynamic balance instrument.Having high precision dynamic balancing.Testing under the full load,the engery-saving is about 10-20% as the domestic similar products.Energy saving effect is very good.
- ★ Products surface uses hard anodic oxidation treatment.Having high surface hardness and good wear-resisting performance.

主要规格与参数 MAIN SPECIFICATIONS



产品型号 Model	φ d(mm)	φ D(mm)	φ d1(mm)	L(mm)	适用转速 (RPM)	备注(Remarks)
SG9301A	62	12.8	32	100	22000	卡销定位 (Position with card pin)
SG9311	76	12.8	32	100	18000	
SG9312	53	12.8	32	100	22000	

产品型号 Model	φ d(mm)	φ D(mm)	φ d1(mm)	L(mm)	适用转速 (RPM)	备注(Remarks)
SG9316	68	30	36	140	22000	上下锁头压紧(Compress with above and below lock)
SG9317A	76	30	36	140	22000	
SG9318A	84	30	36	140	18000	
SG9319A	92	30	36	140	15000	

产品型号 Model	φ d(mm)	φ D(mm)	φ d1(mm)	L(mm)	φ D1(mm)	适用转速 (RPM)	备注(Remarks)
SG9302A	62	11.2	32	100	11	22000	锥度配合(Cone)
SG9321	84	9.9	36	135	9.7	18000	
SG9322	90	9.4	36	150	9.2	16000	
SG9323	70	8.8	32	85	8.6	22000	

精密络筒机锭子
PRECISION WINDER SPINDLE



主要规格与参数 MAIN SPECIFICATIONS

产品型号 /Model	带轮	适用工作转速 (r/min)	基本结构	砂轮
DT4503	齿形轮	7000~16000恒线速度	直杆	φ76~φ90
				φ151~φ157
DT4506	齿形轮	7000~16000恒线速度	锥杆	φ62~φ84
				φ110~φ161