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产品图册 / FEATURES

ANGLE HEAD
角度头

- 高精度高刚性
- 可连续稳定工作
- 非标定制周期短

High Precision, High Rigidity
Capable Of Continuous Stable Operation
With Short Lead Time For Non-standard Customization.



江苏海湾精工科技有限公司
JIANGSU HAIWAN SEIKO TECHNOGY CO.,LTD.

- MADE IN CHINA 第 5 版 Edition 5 -

快速扫码
了解产品









海湾精工造中国好铣头

Bay Precision Crafts China's Finest Milling Heads

海湾精工

HAIWANSEIKO

企业简介 COMPANY PROFILE

江苏海湾精工科技有限公司，公司专注角度头、侧铣头、机床附件和功能部件的拓展开发，集设计、生产、销售为一体的高科技企业。公司总部及研发基地设立于风景秀丽的中国园林之城—苏州。

Jiangsu Haiwan Seiko Technology Co., LTD., the company focuses on the development and development of Angle head, side milling head, machine tool accessories and functional parts, set design, production and sales as one of the high-tech enterprises. The company headquarters and R & D base are set up in the beautiful Chinese garden city - Suzhou.



产品用途/Product use

解决产品型腔内部常规机床无法加工的问题。更大限度的拓展切磨削铣机床的功能，增加机床的轴数， 减少工件装夹时间，提高产品生产效率，提升加工零件精度。

Solve the problem that the conventional machine tool inside the product cavity can not be processed. Expand the function of cutting grinding and milling machine to a greater extent, increase the number of axes of the machine tool, reduce the workpiece clamping time, improve product production efficiency, improve the precision of machining parts.

经营理念/Business philosophy

公司自成立以来，始终坚持以人才为本、诚信立业的经营原则，始终坚持工能部件的实用性，经济性 以‘更高精度’‘更高强度’‘更高寿命’三个要素进行角度头的开发。将优质的产品提供给客户，服务于市场.

Since its establishment, the company has always adhered to the talent-based, honest business principles, always adhere to the practicability of the working parts, and the economic development of the Angle head with the three elements of "higher precision", "higher strength" and "higher life". Provide quality products to customers and serve the market.

开发背景/ R&D Origins & Market Drivers

国内角度头的应用，主要依赖进口；产品品种单一，价格昂贵，采购及定制周期长，维护保养不便。为改变角度头市场被国外技术的垄断，海湾精工的成立，只为研发具有质量保障且经济适用的国产角度头。

The market product variety is single, the price is expensive, the procurement and customization cycle is long, and the maintenance is inconvenient. In order to change the monopoly of Angle head market technology, Haiwan Seiko was established only to develop China Angle head with quality assurance and economic application.

成果/Achievement

通过多年的创新，已成功开发出上百款产品，可安装在国内外多种主轴单元机床上，供客户使用（如：BT CAT SK HSK CAPTO ）覆盖各类行业复杂零部件加工，特别是在狭小空间零件的加工。我们优势异常明显。旗下的“刀克”和“迈浪”品牌角度头、侧铣头皆受到广大客户群体一致好评。

Through years of innovation and exploration, we have successfully developed hundreds of products, which can be installed on a variety of spindle unit machine tools at home and abroad for customers to use (such as: BT CAT SK HSK CAPTO) covering complex parts processing in various industries, especially in small space parts processing. We have more advantages than obvious ones. Its "Dao Ke" and "Meilang" brand Angle head and side milling head have been praised by the majority of customers.

技术研发/ R&D

拥有自己的技术研发团队；团队成员积极国内外先进技术，研发出多项先进技术成果；企业研发生产能力已经位于行业先列;公司不断的加大研发投入，引入先进加工数控设备，设计开发专用机床、工装、工艺;保证生产质量和效率，保证交货时间;售后保障能力.

Have their own technology research and development team; Team members actively advanced technology at home and abroad, and developed a number of advanced technology achievements; Enterprise R & D production capacity has been ranked first in the industry; The company continues to increase research and development investment, the introduction of advanced machining CNC equipment, design and developfter-sales support ability.ment of special machine tools, tooling, technology; Ensure production quality and efficiency, delivery time; After-sales support ability.

客户群/Customer base

成立至今，本公司已与多家大型企业达成重大合作关系，在船舶、航空航天、 新能源汽车制造、石油开采装备、模具加工等诸多领域取得优秀成绩。希望能成为您最可信赖的长期合作伙伴。

Since its establishment, the company has reached major cooperative relations with a number of large enterprises, and has achieved excellent results in many fields such as shipbuilding, aerospace, new energy vehicle manufacturing, oil mining equipment, mold processing and so on. Hope to become your most reliable long-term partner.

接待会议区 / RECEPTION AND CONFERENCE



开发团队
DEVELOPMENT TEAM



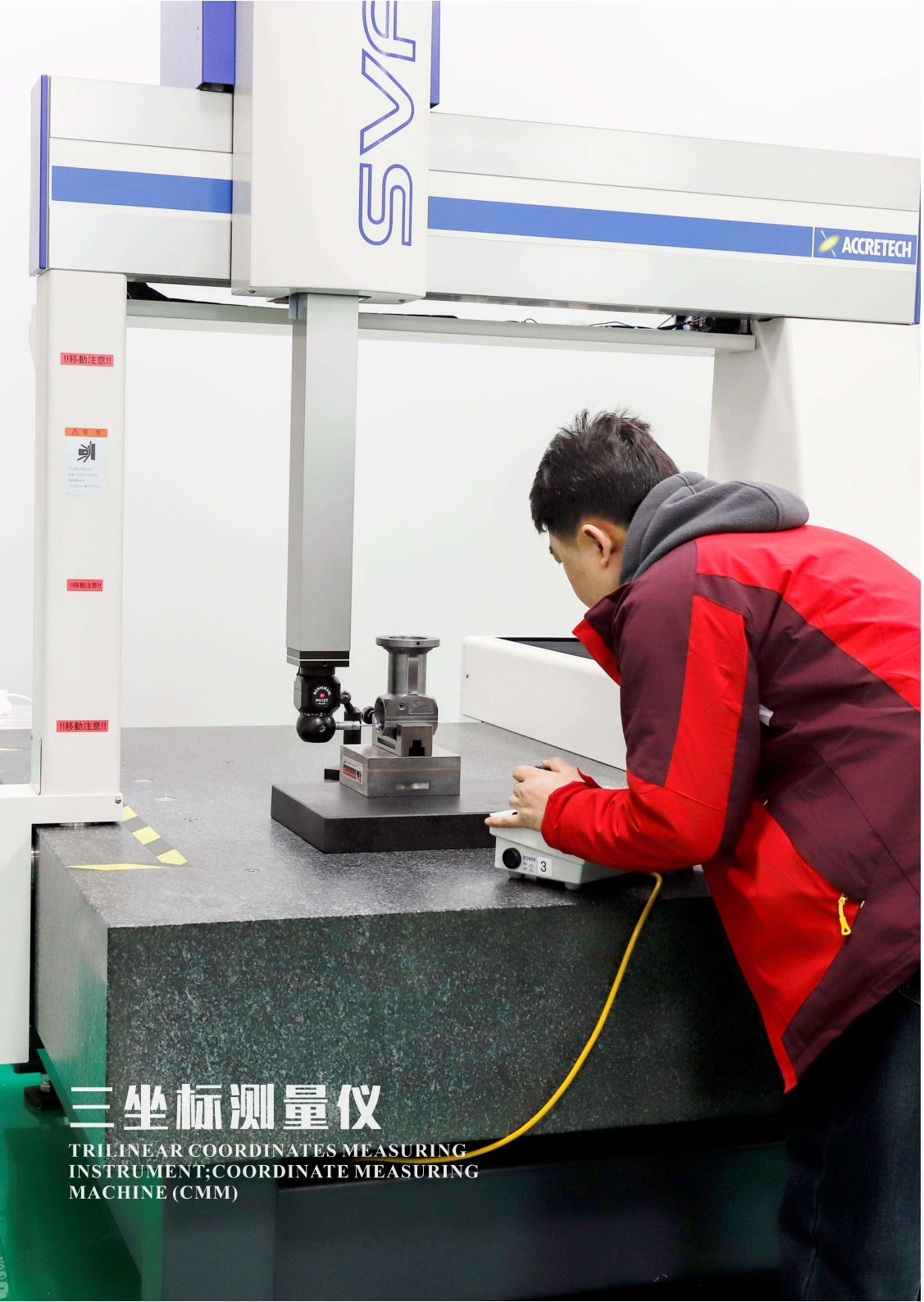






拥有专属于行业领域的研发团队
企业研发生产能力已经位于行业先列

We have a R&D team dedicated to products in the industry
And our R&D production capacity has been ranked in the industry



三坐标测量仪

TRILINEAR COORDINATES MEASURING INSTRUMENT;COORDINATE MEASURING MACHINE (CMM)



配套测量工具
质量精准把控

Matching Measuring Tool
Quality Accurate Control



产品展示 /Product







让机床加工方式多一种选择

Give The Machine Tool One More Processing Method

通用规格
海量库存
超高性价比

Adequate Stock Of Conventional Sizes
With High Cost Performance



海湾精工造中国好铣头

Bay Precision Crafts China's Finest Milling Heads

高精度,高刚性
可连续
稳定工作

High Precision And Rigidity
Can Work Stably For A Long Time
Continuously



一体卡钳·专用铣头

Special Milling Head For Calipers

窄小空间
加工利器

In The Narrow Small Space
Processing For Support



助力航天领域

Helping The Aerospace

两侧输出
双向加工
省时省力

This Two-head Output Processing Method
Can Save The Production And Processing Time



做您需要的好铣头

Manufacture The Best Milling Head For You

万向转角 / Different Angles

快速定位 / Precise Positioning





专注铣头开发应用

Be Absorbed In The Development And
Application Of Cutter Head

非标固定角度头

可定制各种角度

This's Angle Head For Z
But The Different Angles Can Be Booked





专业铣头 · 源头厂家

Professional Milling Head Manufacturer

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中心出水 / *Central Effluent*
一体轴 / *Integrated Shaft*

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The angle head Applied to the caliper on the truck

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部分产品图片仅供参考，以实物为准
Some pictures of the product are for reference only

DK90
BT30-16L

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

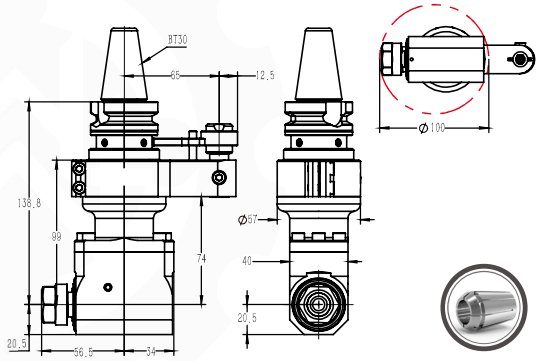
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER16

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT30–16L
驱动刀柄 / Cono Shank	BT30
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	8000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18Nm
铣头重量 / WT	1.851 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT30-ER11

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用航空铝/QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD75

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

1. The shell is made of Aviation aluminum or QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D75

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

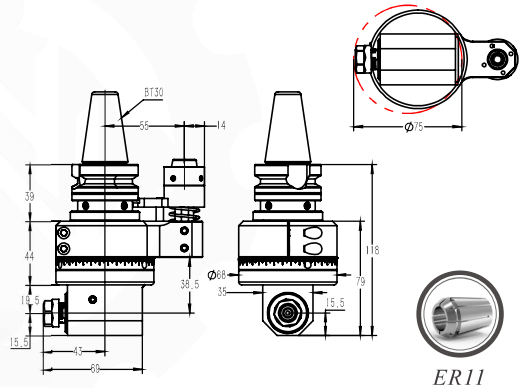
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER11

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT30–ER11
驱动刀柄 / Cono Shank	BT30
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	8000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D75
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M6
最大扭矩 / Max. Torque	10.8Nm
铣头重量 / WT	1.661 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT30-ER16

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

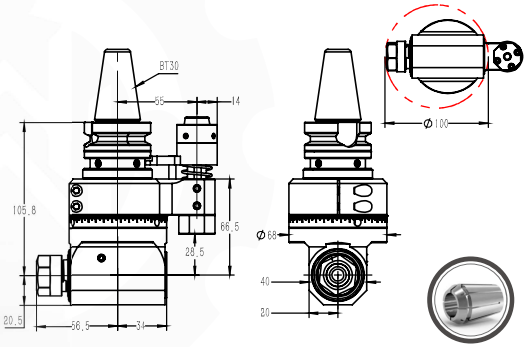
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

铣头参数表 PARAMETERS

HAIWANJINGGONG

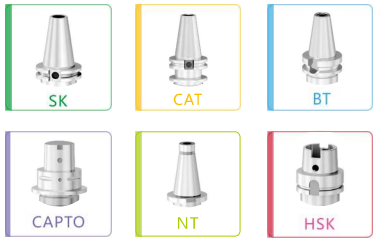
规格型号 / Model	DK90–BT30–ER16
驱动刀柄 / Cono Shank	BT30
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	8000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18Nm
铣头重量 / WT	1.504 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT30-ER20

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD115

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

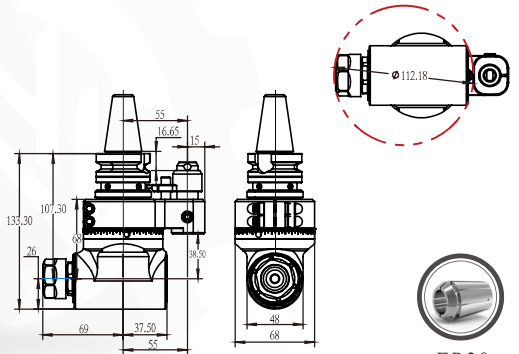
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D115

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT30–ER20
驱动刀柄 / Cono Shank	BT30
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM 高转速可定制/High Speed (Customizable)
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D115
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30 Nm
铣头重量 / WT	2.4 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT30-ER25

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD120

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

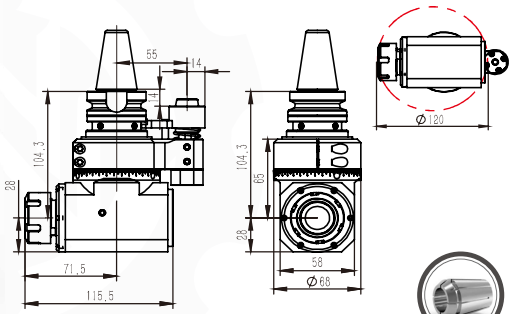
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D120

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT30–ER25
驱动刀柄 / Cono Shank	BT30
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM 高转速可定制/High Speed (Customizable)
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D120
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	2.8 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT30-W10

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD90

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

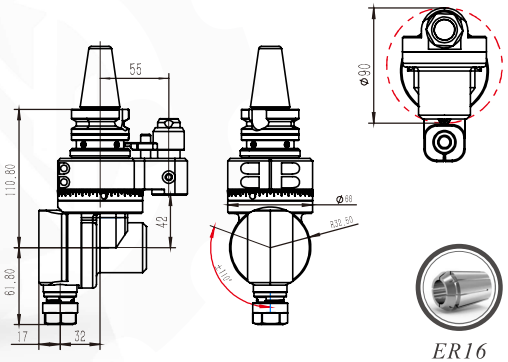
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D90

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT30–W10
驱动刀柄 / Cono Shank	BT30
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1 : 1
通过直径 / Clearance Diameter	D90
夹持范围 / Clamping Range	D3–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18Nm
铣头重量 / WT	2.1 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊 求可按客
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT30-3M

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD25

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

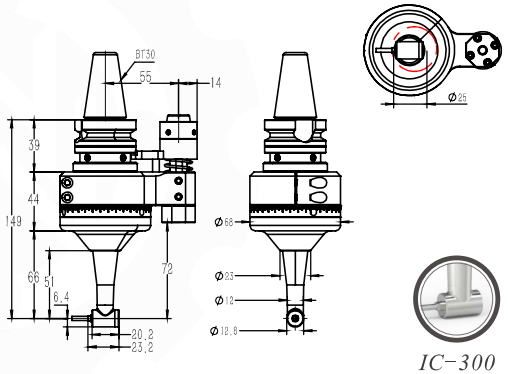
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D25

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





IC-300

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT30-3M
驱动刀柄 / Cono Shank	BT30
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	10000RPM
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:0.75
通过直径 / Clearance Diameter	D25
夹持范围 / Clamping Range	D3
攻牙范围 / Tapping	铣牙/Thread Milling
最大扭矩 / Max. Torque	4.3 Nm
铣头重量 / WT	1.493 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT30-3RA

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD37

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

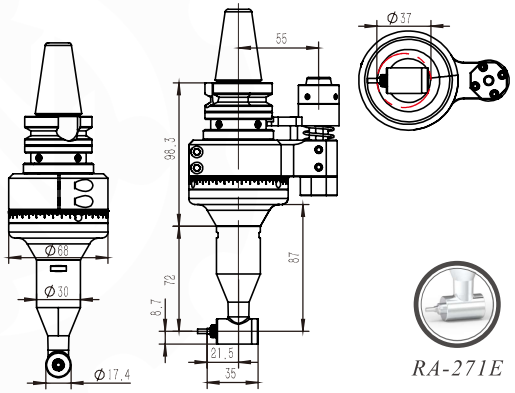
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D37

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





RA-271E

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT30-3RA
驱动刀柄 / Cono Shank	BT30
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	10000 RPM
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1.5 : 1
通过直径 / Clearance Diameter	D37
夹持范围 / Clamping Range	D3
攻牙范围 / Tapping	铣牙/Thread Milling
最大扭矩 / Max. Torque	4.3 Nm
铣头重量 / WT	1.8 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT30-C1.6M

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φ11.5MM

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

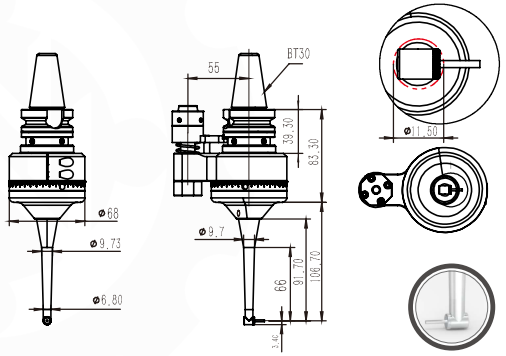
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi 11.5MM

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





MFC-300M

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT30-C1.6M
驱动刀柄 / Cono Shank	BT30
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	12000RPM
主轴转向 / Output Rotation	CCW-CW
传动比例 / Gear Ratio	1:1.1
通过直径 / Clearance Diameter	11.5MM
夹持范围 / Clamping Range	D1.6
攻牙范围 / Tapping	铣牙/Thread Milling
最大扭矩 / Max. Torque	0.85 Nm
铣头重量 / WT	1.48 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT30-ER8-2X
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD90

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

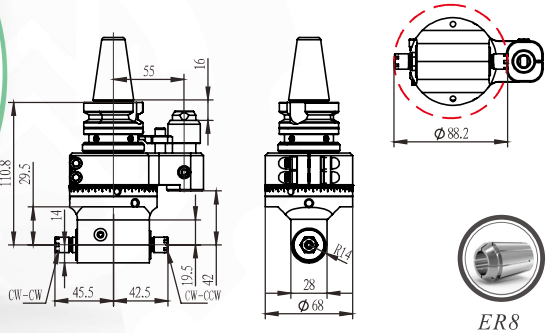
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D90

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER8

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT30-ER8-2X 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT30
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW-CW/CW-CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D90
夹持范围 / Clamping Range	D1-D5
攻牙范围 / Tapping	M4-M5 铣牙/Thread Milling
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	1.677 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT30-ER16-2X
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过ϕD120

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D120

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

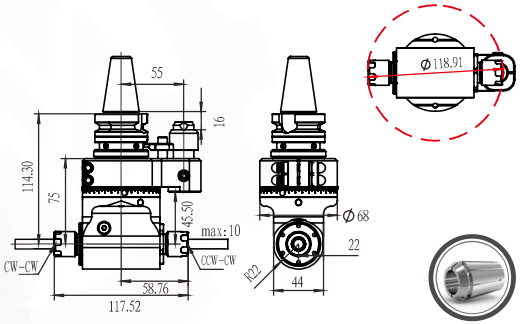
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER16

◆	规格型号 / Model	DK90–BT30–ER16–2X 一体轴 / Integrated shaft
◆	驱动刀柄 / Cono Shank	BT30
◆	其它刀柄 / More Shank	支持 / Can Be Used
◆	最高转速 / Max.RPM	6000RPM 高转速可定制/High Speed (Customizable)
◆	主轴转向 / Output Rotation	CW–CW/CW–CCW
◆	传动比例 / Gear Ratio	1:1
◆	通过直径 / Clearance Diameter	D120
◆	夹持范围 / Clamping Range	D1–D10
◆	攻牙范围 / Tapping	M4–M8
◆	最大扭矩 / Max. Torque	20.Nm
◆	铣头重量 / WT	2.2 kg
◆	库存情况 / Inventory	常备库存 / Stock
◆	非标定制 / Custom	支持 / Custom Engineering Services

HAIWANJINGGONG

◆ 铣头参数表 PARAMETERS

DK90
BT40-DC5M

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过ϕD40

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D40

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

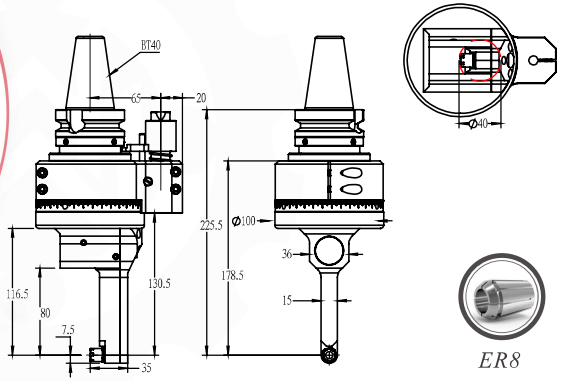
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER8

◆	规格型号 / Model	DK90–BT40–DC5M
◆	驱动刀柄 / Cono Shank	BT40
◆	其它刀柄 / More Cono Shank	支持 / Can Be Used
◆	最高转速 / Max.RPM	6000RPM
◆	主轴转向 / Output Rotation	CW–CW
◆	传动比例 / Gear Ratio	1:1
◆	通过直径 / Clearance Diameter	D40
◆	夹持范围 / Clamping Range	D1–D5
◆	攻牙范围 / Tapping	铣牙/Thread Milling
◆	最大扭矩 / Max. Torque	5.6Nm
◆	铣头重量 / WT	5.000 kg
◆	库存情况 / Inventory	常备库存 / Stock
◆	非标定制 / Custom	支持 / Custom Engineering Services

HAIWANJINGGONG

◆ 铣头参数表 PARAMETERS

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT40-DC5M-R60

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD40

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

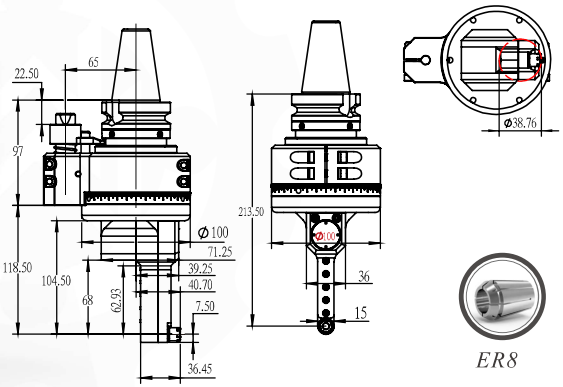
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D40

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER8

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–DC5M–R60
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D40
夹持范围 / Clamping Range	D3–D5
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	5.6 Nm
铣头重量 / WT	4.675kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT40-DC6

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD35

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

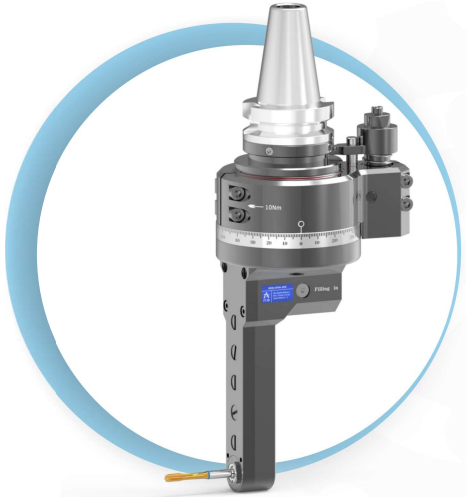
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

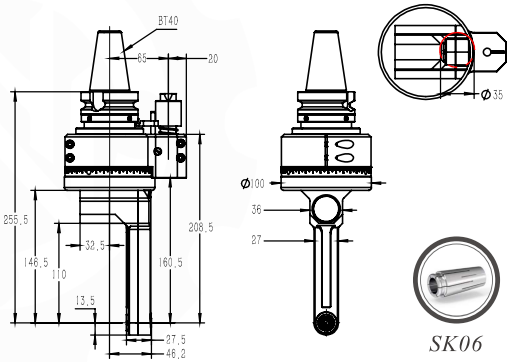
1. The shell is made of 40Cr through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D35

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





SK06

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–DC6 圆头 / Square
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D35
夹持范围 / Clamping Range	D1–D6
攻牙范围 / Tapping	铣牙/Thread Milling
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	5.276 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-DC6-66

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD35

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

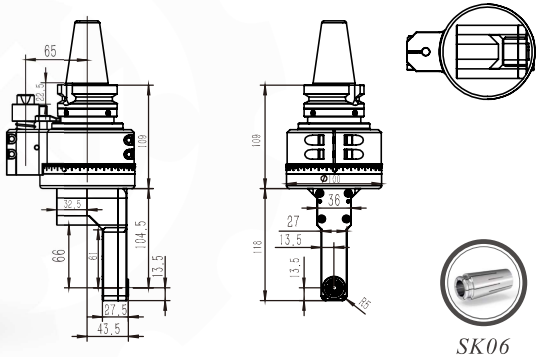
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D35

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





SK06

HAIWANJINGGONG

铣头参数表 PARAMETERS

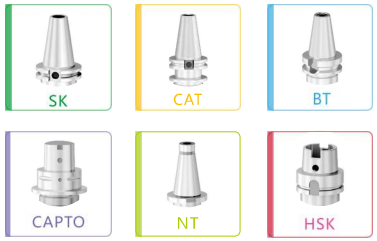
规格型号 / Model	DK90–BT40–DC6–66
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D35
夹持范围 / Clamping Range	D1–D6
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	4.891 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT40-DC7-18

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD50

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

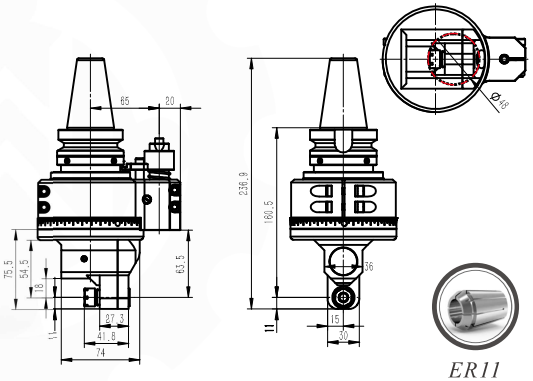
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D50

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–DC7-18
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	8000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D50
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	4.556 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-DC7-35

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD50

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

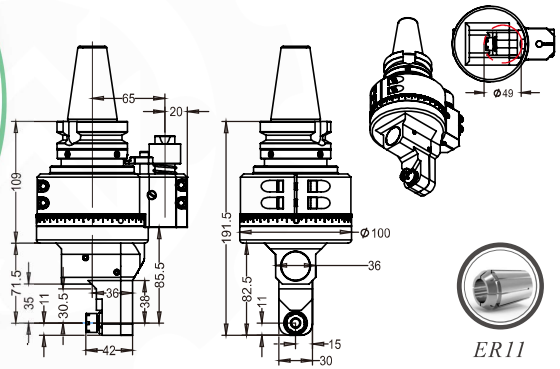
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D50

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG

铣头参数表 PARAMETERS

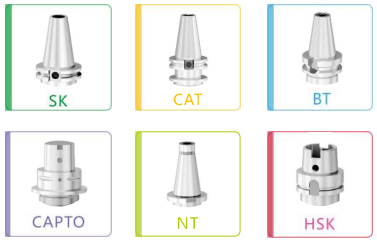
规格型号 / Model	DK90–BT40–DC7–35
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D50
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	5.196 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT40-DC7-52

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD50

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

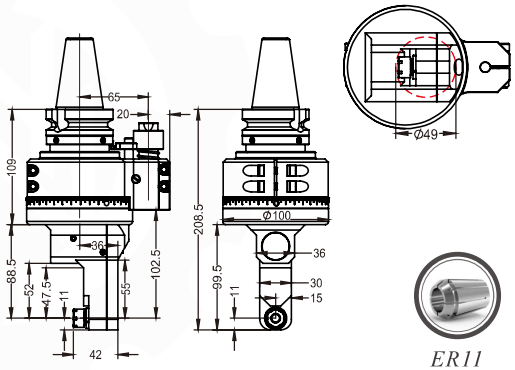
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D50

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–DC7–52
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D50
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	5.310 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-DC8-D45

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD45

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

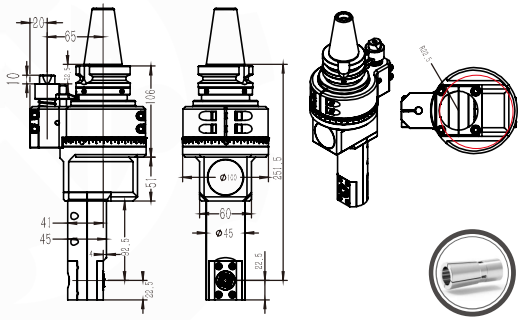
1. The shell is made of 40Cr through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D45

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





DC8

◆ 规格型号 / Model	DK90–BT40–DC8–D45
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6000RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D45
◆ 夹持范围 / Clamping Range	D4–D10
◆ 攻牙范围 / Tapping	铣牙 / Thread milling
◆ 最大扭矩 / Max. Torque	23. Nm
◆ 铣头重量 / WT	6.5 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持 / Custom Engineering Services

HAIWANJINGGONG

◆ 铣头参数表 PARAMETERS

DK90
BT40-DC10

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD51

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

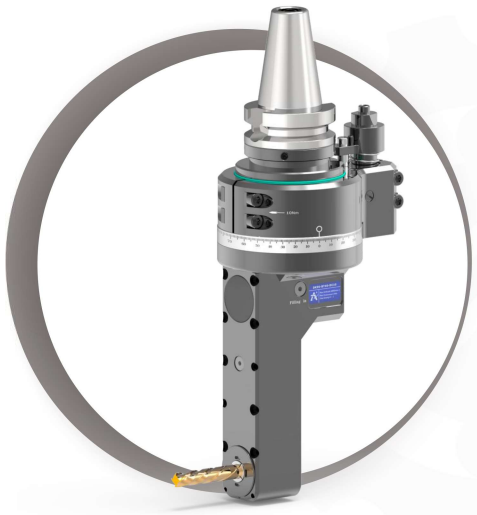
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

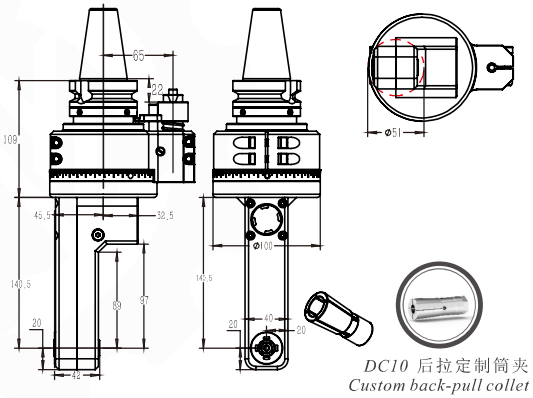
1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D51

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





DC10 后拉定制筒夹
Custom back-pull collet

◆ 规格型号 / Model	DK90–BT40–DC10
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Cono Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6000RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D51
◆ 夹持范围 / Clamping Range	D4–D10
◆ 攻牙范围 / Tapping	铣牙 / Thread milling
◆ 最大扭矩 / Max. Torque	23. Nm
◆ 铣头重量 / WT	6.5 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持 / Custom Engineering Services

HAIWANJINGGONG

◆ 铣头参数表 PARAMETERS

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER11-90

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD75

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

适配刀柄 Compatible taper shank



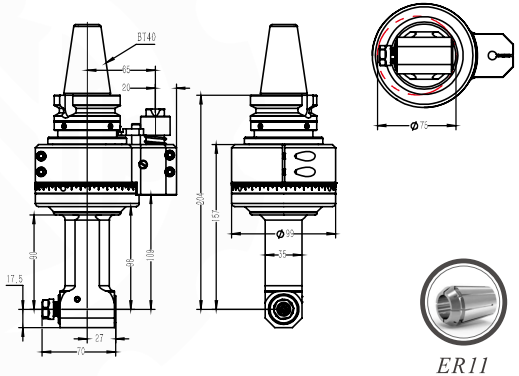
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D75

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–ER11–90
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	8000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D75
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M6
最大扭矩 / Max. Torque	10.8Nm
铣头重量 / WT	5.043 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT40-ER11-140

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD75

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

适配刀柄 Compatible taper shank



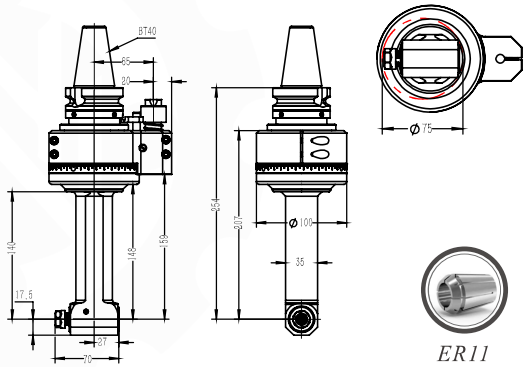
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D75

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–ER11–140
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D75
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M6
最大扭矩 / Max. Torque	10.8Nm
铣头重量 / WT	5.312 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER11-190

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD75

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

适配刀柄 Compatible taper shank

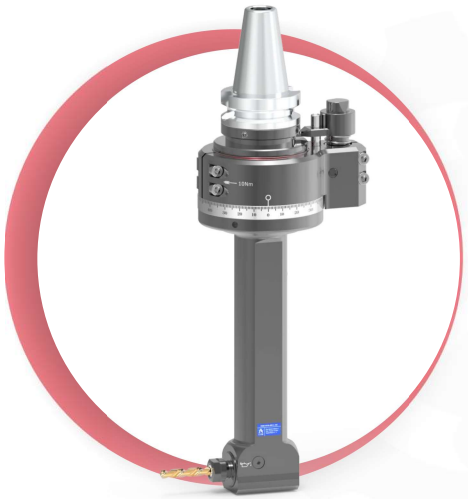


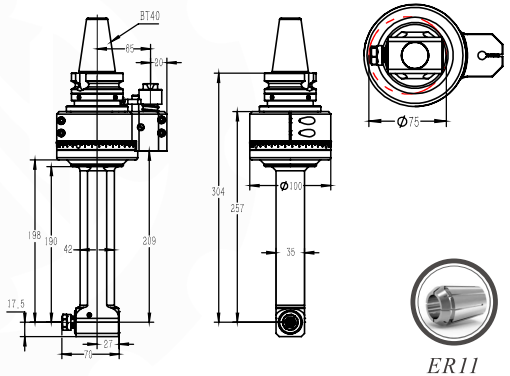
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D75

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT40–ER11–190
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6000RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D75
◆ 夹持范围 / Clamping Range	D1–D7
◆ 攻牙范围 / Tapping	M4–M6
◆ 最大扭矩 / Max. Torque	10.8Nm
◆ 铣头重量 / WT	5.787 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT40-ER11-2X
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD95

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

适配刀柄 Compatible taper shank



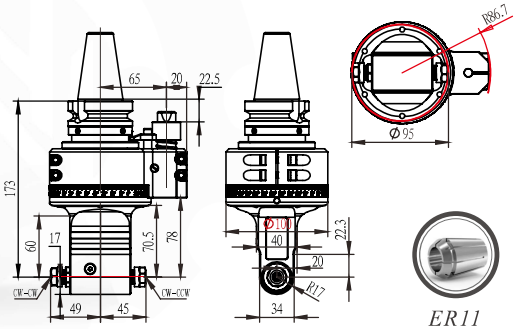
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D95

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT40–ER11–2X 一体轴 / Integrated shaft
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Cono Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6000RPM 高转速可定制/High Speed (Customizable)
◆ 主轴转向 / Output Rotation	CW–CW/CW–CCW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D95
◆ 夹持范围 / Clamping Range	D1–D7
◆ 攻牙范围 / Tapping	M4–M6
◆ 最大扭矩 / Max. Torque	16.8 Nm
◆ 铣头重量 / WT	4.902 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER16-66

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

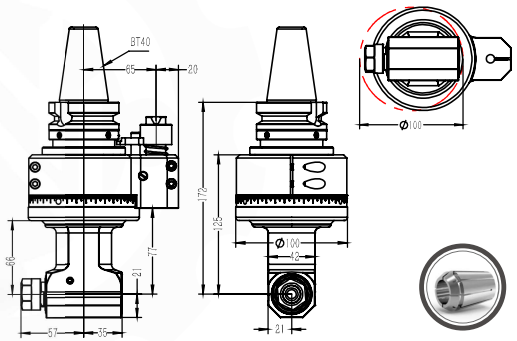
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–ER16–66
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	8000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18.Nm
铣头重量 / WT	5.043 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT40-ER16-110

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活， 不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

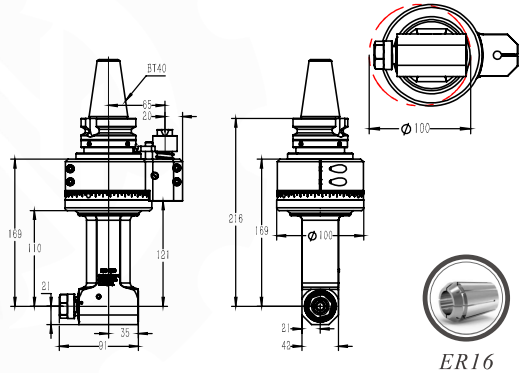
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–ER16–110
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18.Nm
铣头重量 / WT	5.391 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER16-160

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

适配刀柄 Compatible taper shank



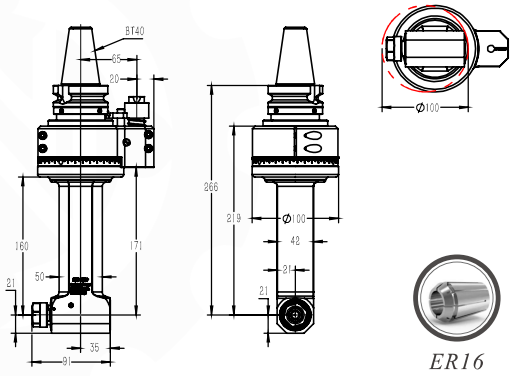
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT40–ER16–160
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6000RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D100
◆ 夹持范围 / Clamping Range	D1–D10
◆ 攻牙范围 / Tapping	M4–M8
◆ 最大扭矩 / Max. Torque	18.Nm
◆ 铣头重量 / WT	5.823 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT40-ER16-210

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

适配刀柄 Compatible taper shank



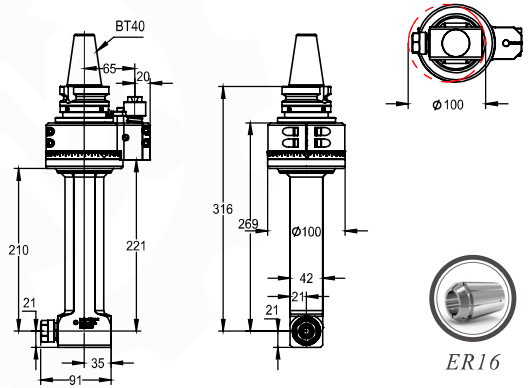
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT40–ER16–210
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Cono Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6000RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D100
◆ 夹持范围 / Clamping Range	D1–D10
◆ 攻牙范围 / Tapping	M4–M8
◆ 最大扭矩 / Max. Torque	18.Nm
◆ 铣头重量 / WT	6.324 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER16-260

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

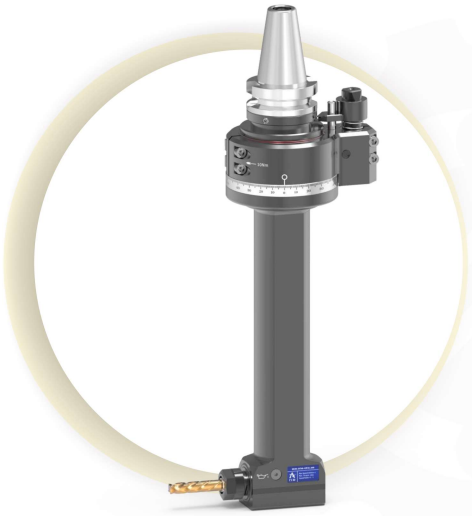
2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

适配刀柄 Compatible taper shank



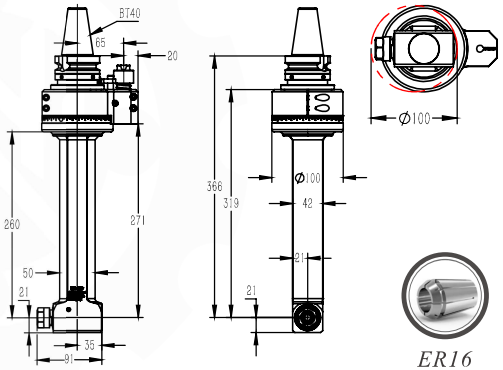


1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.



ER16

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–ER16–260
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18.Nm
铣头重量 / WT	7.073kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

HAIWANJINGGONG

DK90
BT40-ER16-2X

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD132

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

适配刀柄 Compatible taper shank



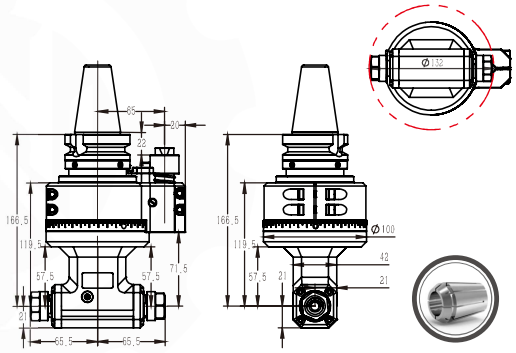


1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D132

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.



ER16

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–ER16–2X
驱动刀柄 / Cono Shank	BT40/HSK63A/SK40
其它刀柄 / More Cono Shank	支持 / CAN BE USED
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D132
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18Nm
铣头重量 / WT	4.163 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

HAIWANJINGGONG

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER20-L50

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD115

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

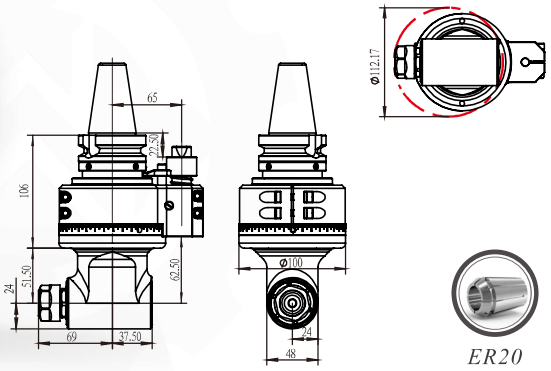
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D115

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT40–ER20–L50
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM 高转速可定制/High Speed (Customizable)
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D115
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30.Nm
铣头重量 / WT	5.5 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT40-ER20-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD135

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

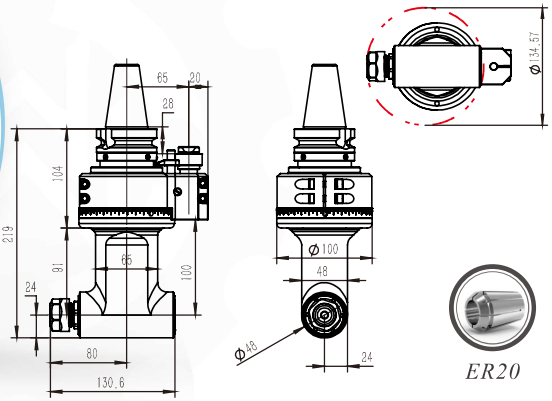
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D135

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT40–ER20–100
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D135
夹持范围 / Clamping Range	D3–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30 Nm
铣头重量 / WT	6 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER20-2X-MQL

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

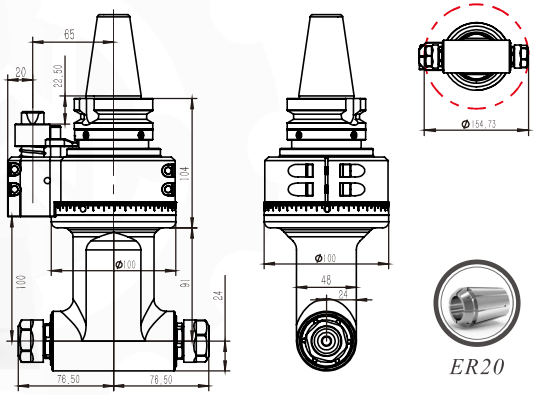
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–ER20–2X–MQL
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW/CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D155
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	28.Nm
铣头重量 / WT	6 kg
库存情况 / Inventory	/
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT40-ER20-2X-50
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD150

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

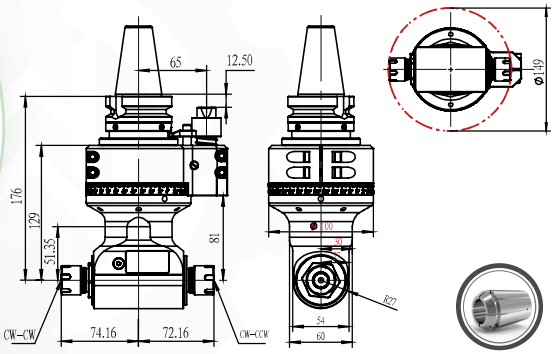
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D150

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–ER20–2X–50 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM 高转速可定制/High Speed (Customizable)
主轴转向 / Output Rotation	CW–CW/CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D150
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30.Nm
铣头重量 / WT	6.289kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER20-2X-100
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD150

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

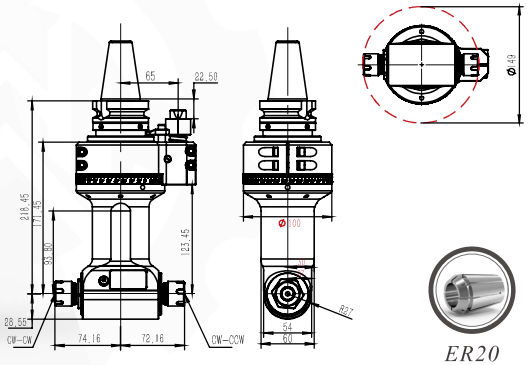
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D150

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–ER20–2X–100 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW/CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D150
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30 Nm
铣头重量 / WT	6.869 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT40-ER20-2X-150
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD150

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

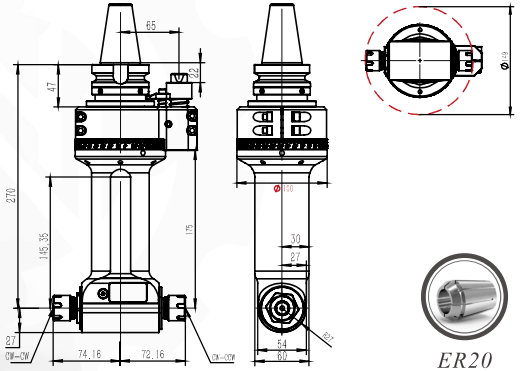
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D150

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–ER20–2X–150 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW/CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D150
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30.Nm
铣头重量 / WT	7.09kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER25-66

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

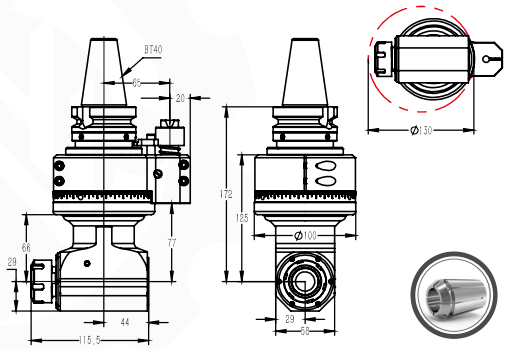
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

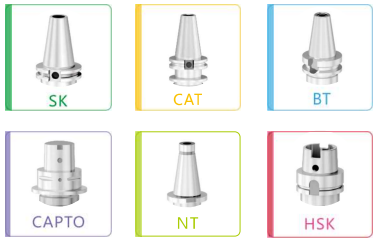
规格型号 / Model	DK90–BT40–ER25–66
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM 高转速可定制/High Speed (Customizable)
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D130
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	6.118 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT40-ER25-110

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

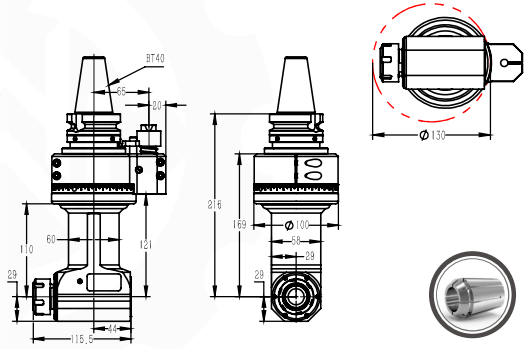
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT40–ER25–110
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D130
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	6.677 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER25-160

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

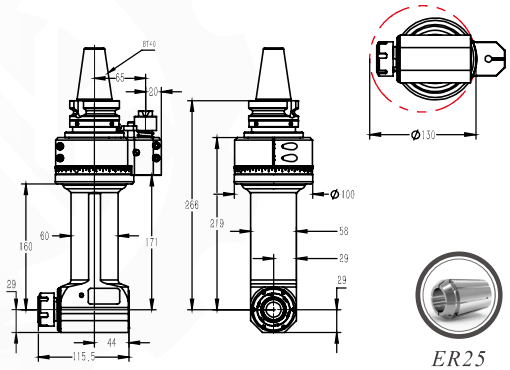
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT40–ER25–160
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6000RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D130
◆ 夹持范围 / Clamping Range	D1–D16
◆ 攻牙范围 / Tapping	M4–M14
◆ 最大扭矩 / Max. Torque	46.Nm
◆ 铣头重量 / WT	7.303 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持 / Custom Engineering Services

DK90
BT40-ER25-210

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

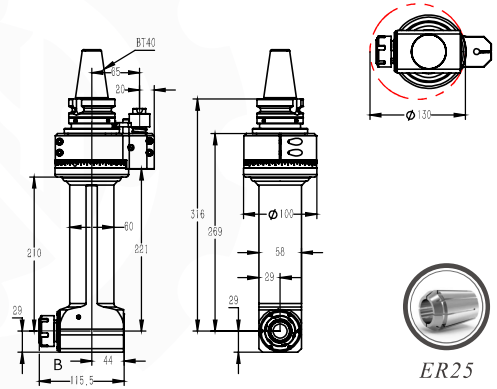
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT40–ER25–210
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Cono Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	5000RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D130
◆ 夹持范围 / Clamping Range	D1–D16
◆ 攻牙范围 / Tapping	M4–M14
◆ 最大扭矩 / Max. Torque	46.Nm
◆ 铣头重量 / WT	8.528 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持 / Custom Engineering Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT40-ER25-2X-60
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝, 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD162

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

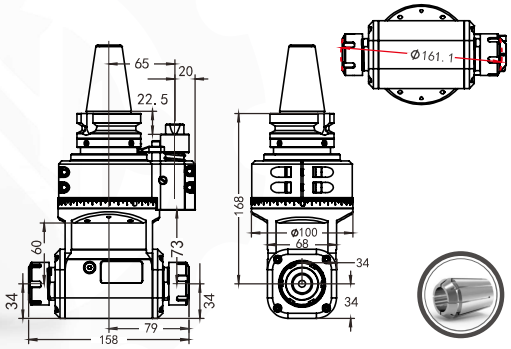
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D162

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT40–ER25–2X–60 一体轴 / Integrated shaft
◆ 驱动刀柄 / Cono Shank	兼容(BT/HSK/SK/NT/CAT)40
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	5000RPM
◆ 主轴转向 / Output Rotation	CW–CW/CW–CCW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D162
◆ 夹持范围 / Clamping Range	D1–D16
◆ 攻牙范围 / Tapping	M4–M14
◆ 最大扭矩 / Max. Torque	50.Nm
◆ 铣头重量 / WT	6.5 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持/Provide Services

Dk90
BT40-ER25-2X-100
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝, 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD162

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

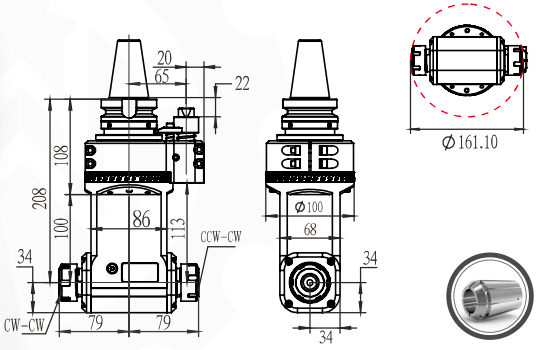
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D162

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT40–ER25–2X–100—体轴 / Integrated shaft
◆ 驱动刀柄 / Cono Shank	兼容(BT/HSK/SK/NT/CAT)40
◆ 其它刀柄 / More Cono Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	5000RPM
◆ 主轴转向 / Output Rotation	CW–CW/CW–CCW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D162
◆ 夹持范围 / Clamping Range	D1–D6
◆ 攻牙范围 / Tapping	M4–M16
◆ 最大扭矩 / Max. Torque	50.Nm
◆ 铣头重量 / WT	7.5 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER32-80

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝, 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

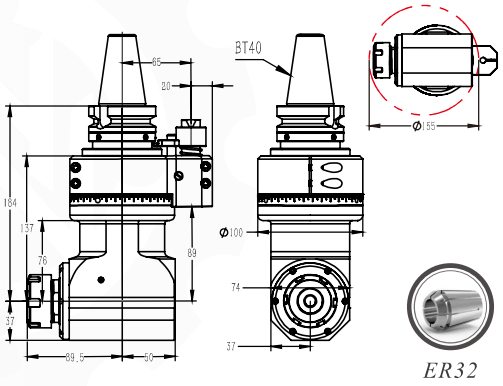
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER32

铣头参数表 PARAMETERS

HAIWANJINGGONG

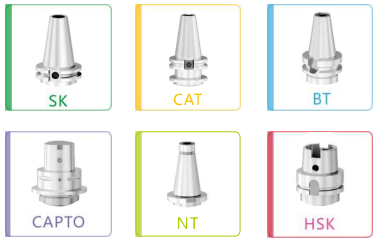
规格型号 / Model	DK90–BT40–ER32–80
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D155
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M4–M16
最大扭矩 / Max. Torque	65.Nm
铣头重量 / WT	6.669 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-ER11M-60

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD55

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

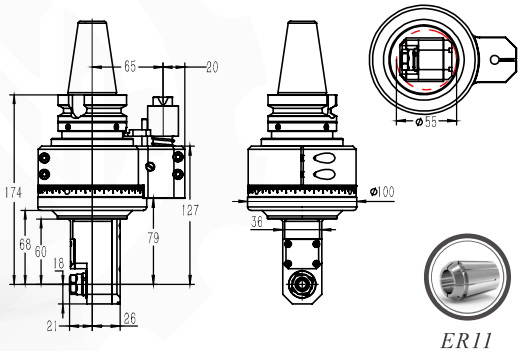
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D55

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT40–ER11M–60
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D55
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M5
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	4.828 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER11M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD55

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、 磨 等多种工序的加工 。

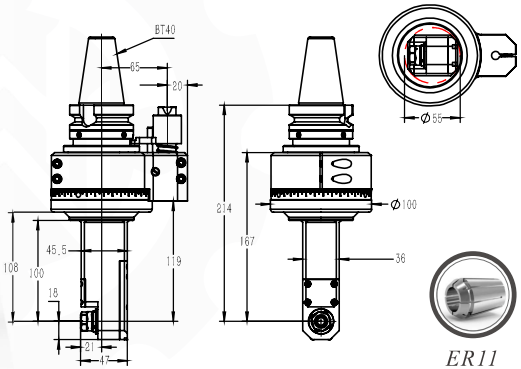
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D55

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG PARAMETERS 铣头参数表

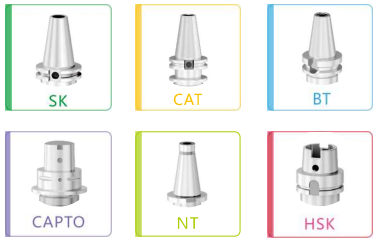
规格型号 / Model	DK90–BT40–ER11M–100
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D55
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M5
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	5.15 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-ER11M-140

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD55

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

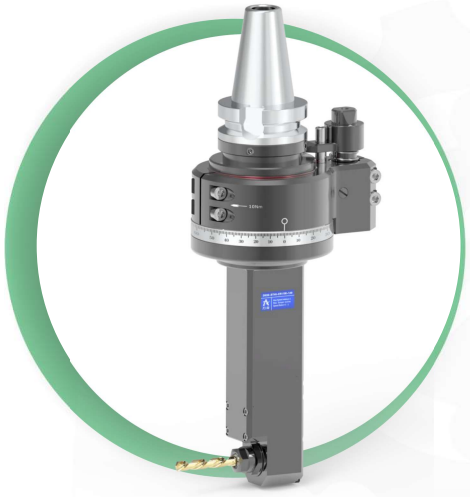
4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

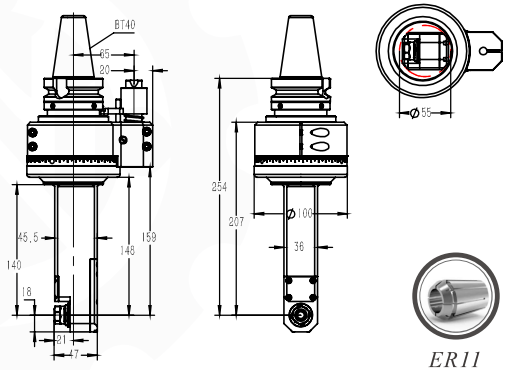
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D55

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG PARAMETERS 铣头参数表

规格型号 / Model	DK90–BT40–ER11M–140
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D55
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M5
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	5.480 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER11M-210

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD55

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、 磨 等多种工序的加工 。

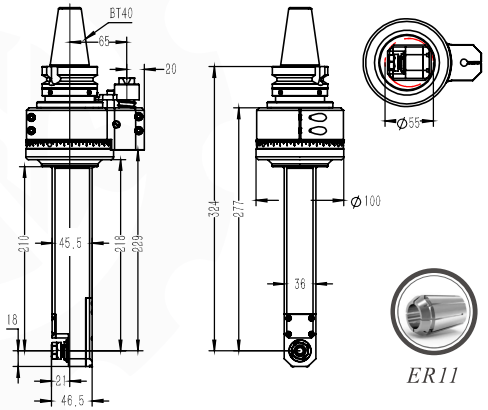
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D55

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT40–ER11M–210
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D55
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M5
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	6.009 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-ER16M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD77

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

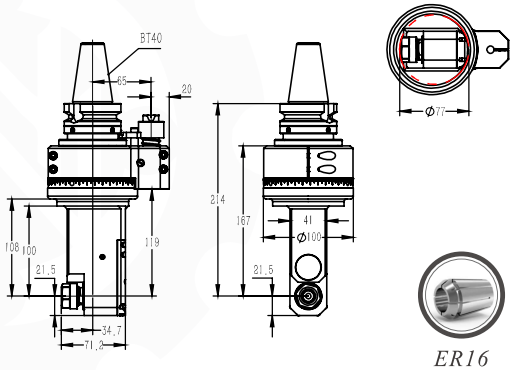
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D77

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT40–ER16M–100
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D77
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18. Nm
铣头重量 / WT	5.828 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注： 特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER16M-170

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD76

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

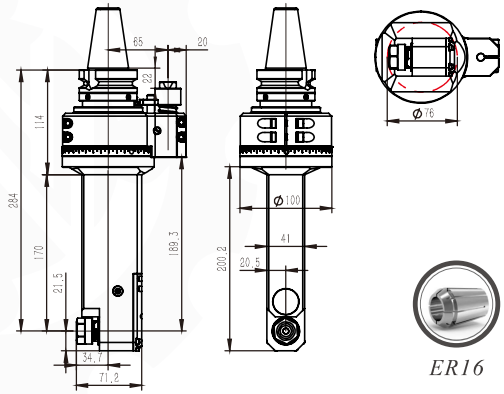
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D76

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

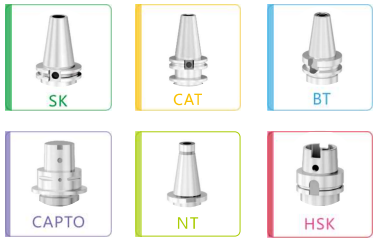
规格型号 / Model	DK90–BT40–ER16M–170
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D76
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18. Nm
铣头重量 / WT	6.2 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-ER20M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD85

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

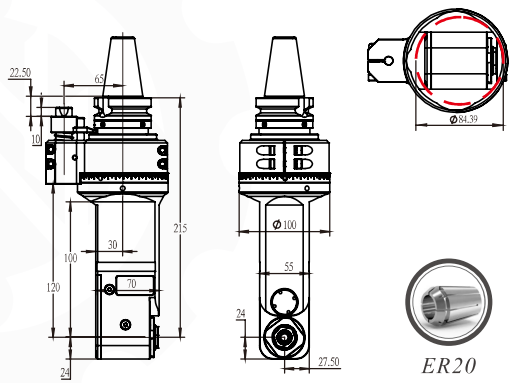
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D85

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–ER20M–100
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D85
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30. Nm
铣头重量 / WT	5.5 Kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER20M-150

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝, 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD85

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

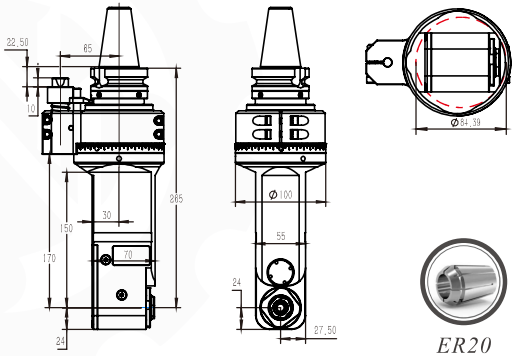
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D85

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG PARAMETERS 铣头参数表

规格型号 / Model	DK90–BT40–ER20M–150
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D85
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30. Nm
铣头重量 / WT	6 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-ER20M-180

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝, 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD85

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

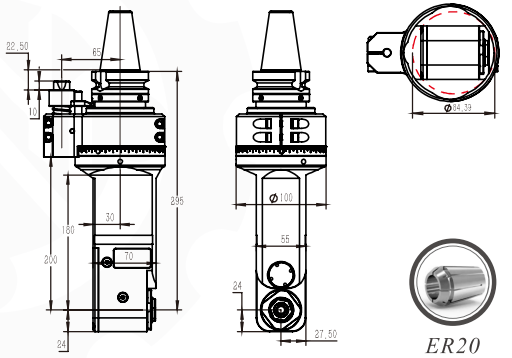
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D85

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG PARAMETERS 铣头参数表

规格型号 / Model	DK90–BT40–ER20M–180
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1 : 1
通过直径 / Clearance Diameter	D85
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30. Nm
铣头重量 / WT	6.3 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT40-AER20-2X
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD125

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

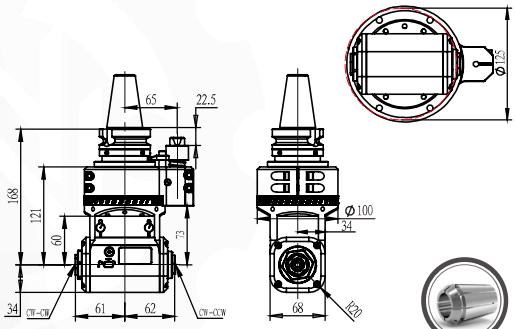
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D125

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT40-AER20-2X 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW-CW/CW-CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D125
夹持范围 / Clamping Range	D1-D13
攻牙范围 / Tapping	M4-M10
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	6.132kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-ER25M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD97

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

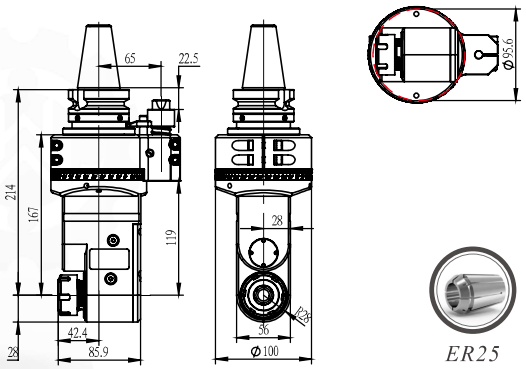
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D97

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT40-ER25M-100
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D97
夹持范围 / Clamping Range	D3-D16
攻牙范围 / Tapping	M4-M14
最大扭矩 / Max. Torque	46 Nm
铣头重量 / WT	5.7 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER25M-150

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用 QT500-7 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD97

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

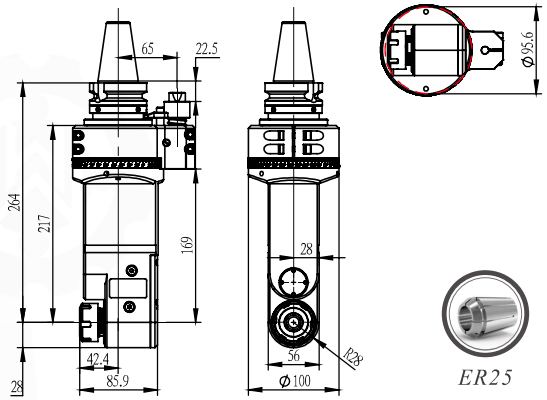
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D97

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT40-ER25M-150
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D97
夹持范围 / Clamping Range	D3-D16
攻牙范围 / Tapping	M4-M14
最大扭矩 / Max. Torque	46 Nm
铣头重量 / WT	6.2 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

DK90
BT40-ER25M-200

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD97

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

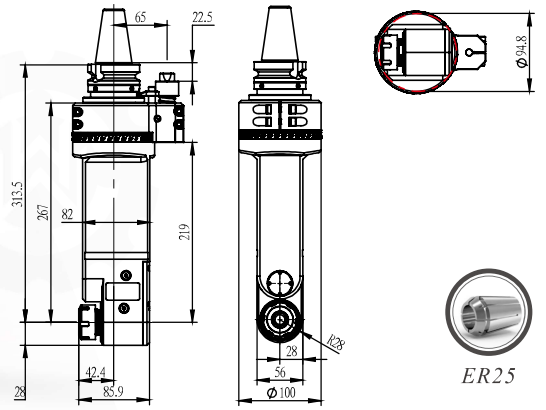
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D97

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT40-ER25M-200
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D97
夹持范围 / Clamping Range	D3-D16
攻牙范围 / Tapping	M4-M14
最大扭矩 / Max. Torque	46 Nm
铣头重量 / WT	6.25 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-AER25M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD95

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

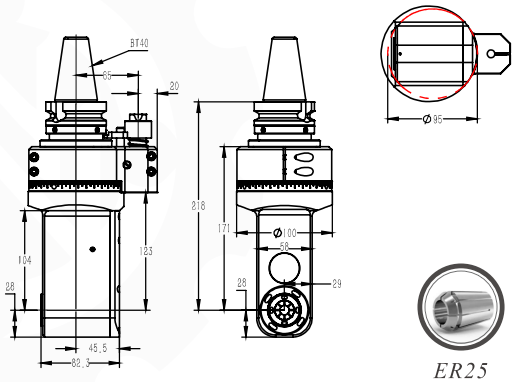
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D95

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 ◆ PARAMETERS

HAIWANJINGGONG

◆ 规格型号 / Model	DK90–BT40–AER25M–100
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6000 RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D95
◆ 夹持范围 / Clamping Range	D1–D16
◆ 攻牙范围 / Tapping	M4–M14
◆ 最大扭矩 / Max. Torque	46. Nm
◆ 铣头重量 / WT	5.566 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持/Provide Services

DK90
BT40-AER25M-150

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD95

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

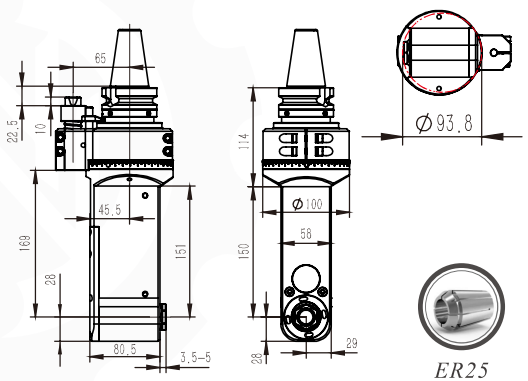
1. The shell is made of Aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D95

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 ◆ PARAMETERS

HAIWANJINGGONG

◆ 规格型号 / Model	DK90–BT40–AER25M–150
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Cono Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6000 RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D95
◆ 夹持范围 / Clamping Range	D1–D16
◆ 攻牙范围 / Tapping	M4–M14
◆ 最大扭矩 / Max. Torque	46. Nm
◆ 铣头重量 / WT	5.797 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-PER13

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD75

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

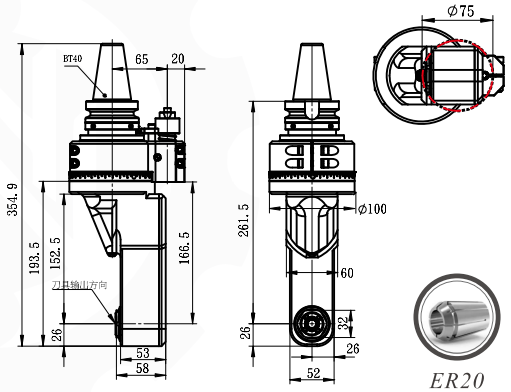
1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D75

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT40–PER13
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6000 RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D75
◆ 夹持范围 / Clamping Range	D1–D13
◆ 攻牙范围 / Tapping	M4–M12
◆ 最大扭矩 / Max. Torque	30. Nm
◆ 铣头重量 / WT	7.842 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持/Provide Services

DK90
BT40-PER16

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD51

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

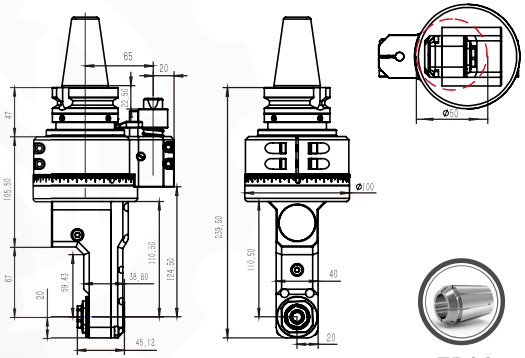
1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D51

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT40–PER16–59
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Cono Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6000 RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D51
◆ 夹持范围 / Clamping Range	D4–D10
◆ 攻牙范围 / Tapping	M4–M8
◆ 最大扭矩 / Max. Torque	25. Nm
◆ 铣头重量 / WT	5.3 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-PER20

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD118

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

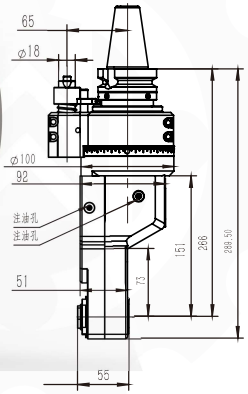
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D118

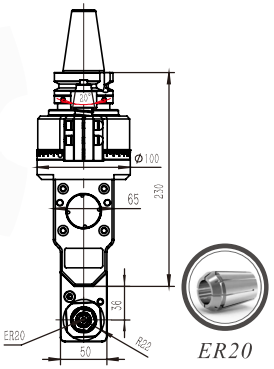
2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.







ER20

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–PER20
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D118
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30. Nm
铣头重量 / WT	6 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

Dk90
BT40-FMB16-2X
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD108

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活， 不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

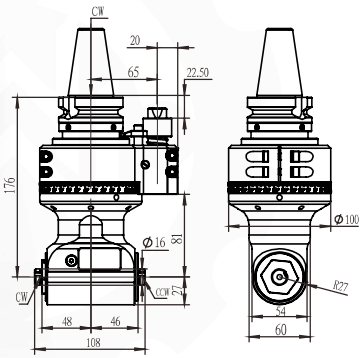
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D108

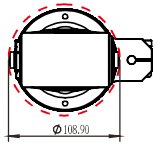
2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.









FMB16

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–FMB16–2X 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D108
夹持范围 / Clamping Range	D16 同芯轴 / Coaxial shaft
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	35.Nm
铣头重量 / WT	6 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-FMB22M-F63

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

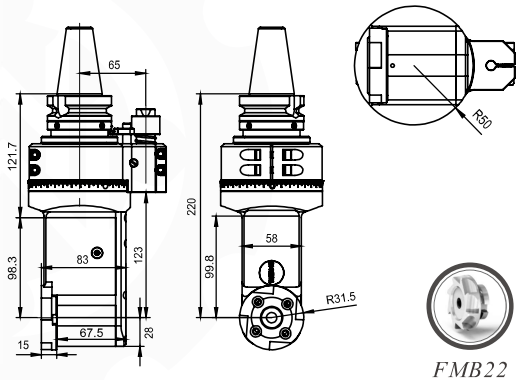
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





FMB22

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–FMB22M–F63
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D22
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	5.653 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-W13

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

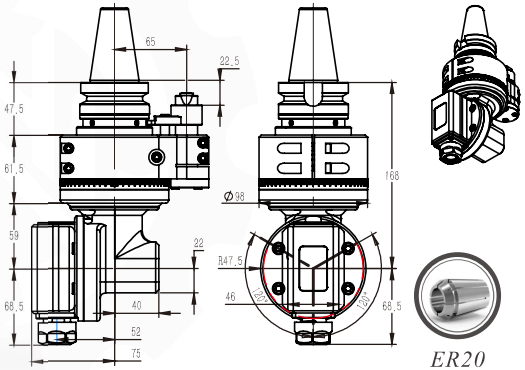
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–W13
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D130
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	35. Nm
铣头重量 / WT	5.85 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-YW16

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD118

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

适配刀柄 Compatible taper shank



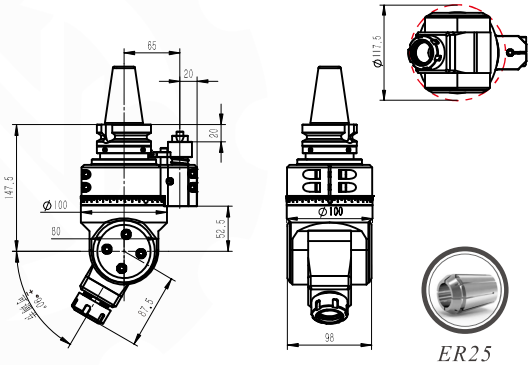
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D118

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–YW16
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D118
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M6–M14
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	6.9 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-MNM3L-150

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用航空铝, 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD25

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

适配刀柄 Compatible taper shank



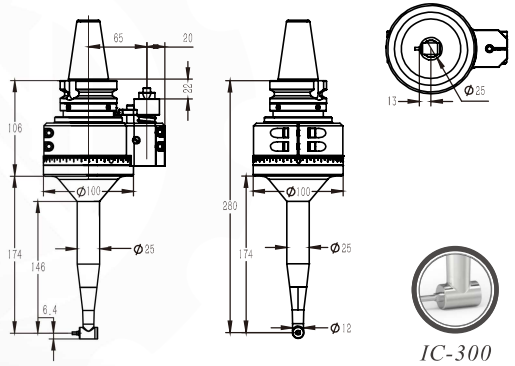
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D25

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





IC-300

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–MNM3L – 150
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	8000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1 : 0.75
通过直径 / Clearance Diameter	D25
夹持范围 / Clamping Range	D3
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	4.3 Nm
铣头重量 / WT	4.2 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-3RAL

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD38

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

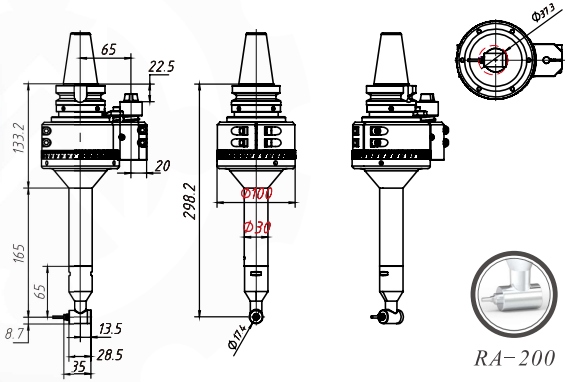
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D38

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





RA-200

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT40-3RAL
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	10000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1.5:1
通过直径 / Clearance Diameter	D38
夹持范围 / Clamping Range	D3/3.175
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	3.5 Nm
铣头重量 / WT	5.04 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

DK90
BT50-DC5M

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD40

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

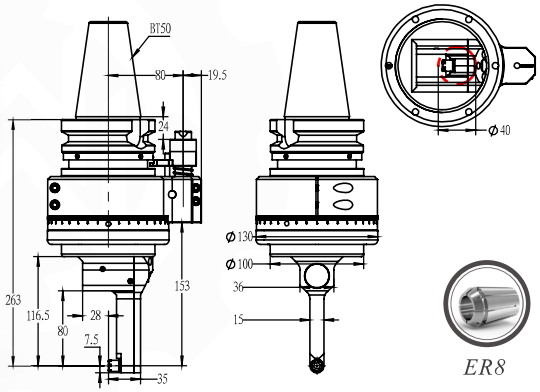
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D40

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER8

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-DC5M
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D40
夹持范围 / Clamping Range	D1-D5
攻牙范围 / Tapping	M3-M4 铣牙 / Thread milling
最大扭矩 / Max. Torque	5.6 Nm
铣头重量 / WT	11. 372 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-DC5M-R60

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD40

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

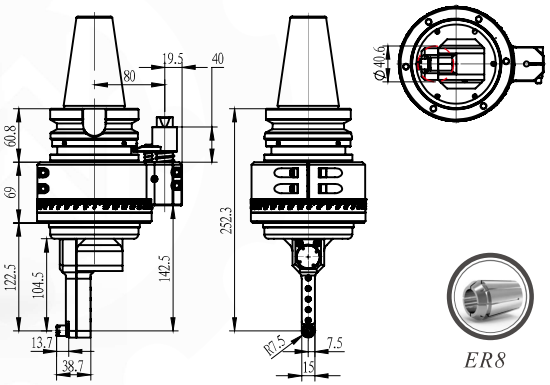
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D40

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER8

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–DC5M–R60
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D40
夹持范围 / Clamping Range	D3–D5
攻牙范围 / Tapping	M3–M4 铣牙 / Thread milling
最大扭矩 / Max. Torque	5.6 Nm
铣头重量 / WT	11.372 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

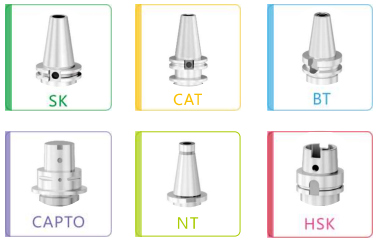
HAIWANJINGGONG

DK90
BT50-DC6

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD35

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

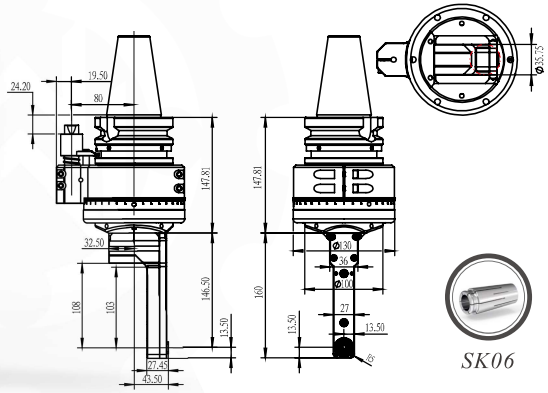
1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D35

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





SK06

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–DC6
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D35
夹持范围 / Clamping Range	D1–D6
攻牙范围 / Tapping	M3–M5 铣牙 / Thread milling
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	11.5 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

HAIWANJINGGONG

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-DC7-52

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD50

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

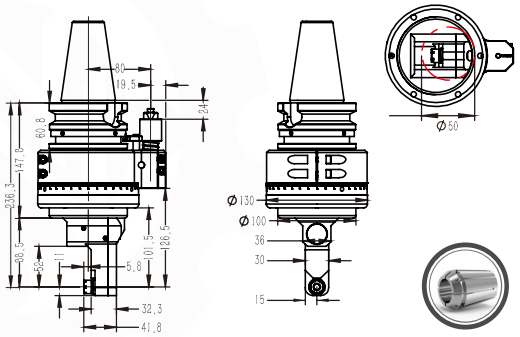
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D50

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–DC7–52
驱动刀柄 / Cono Shank	(BT/NT/CAT)50/HSK100A
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D50
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	10.992 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-DC7-120

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD50

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

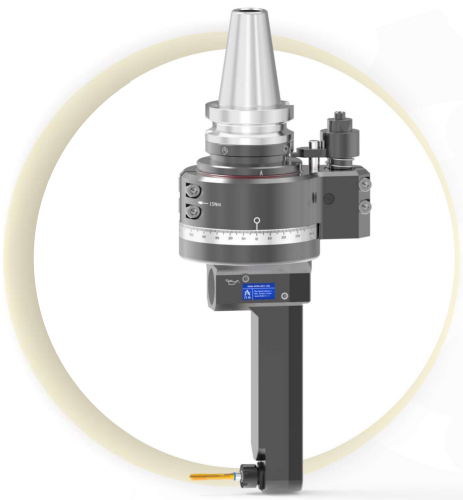
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

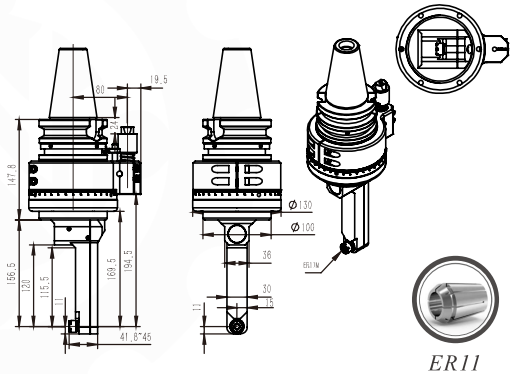
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D50

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–DC7–120
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D50
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	16.8 Nm
铣头重量 / WT	11.886 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-DC8-160

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD65

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

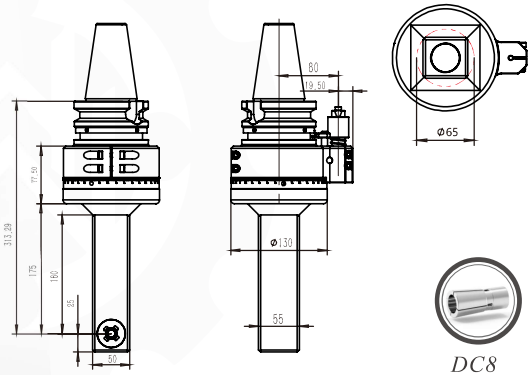
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D65

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





DC8

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–DC8–160
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D65
夹持范围 / Clamping Range	D3–D8
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	18Nm
铣头重量 / WT	12.997 kg
库存情况 / Inventory	定制 15 天 / 15 Days
非标定制 / Custom	支持/Provide Services

DK90
BT50-DC10

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD51

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

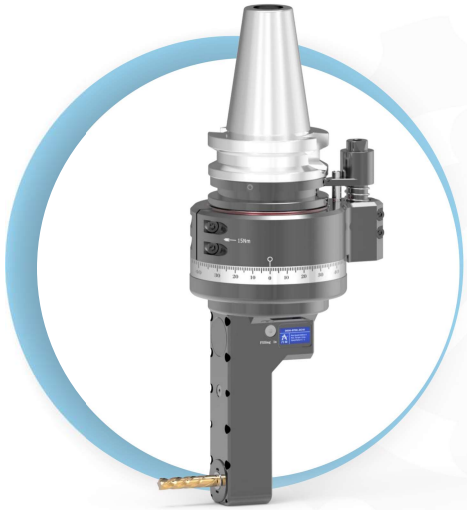
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

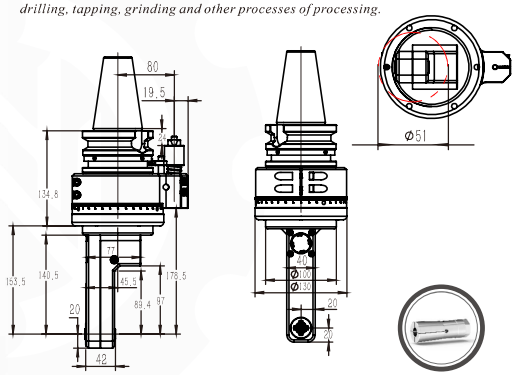
1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D51

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





DC10 后拉定制筒夹
Custom back-pull collet

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–DC10
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D51
夹持范围 / Clamping Range	D4–D10
攻牙范围 / Tapping	M5–M8 铣牙 / Thread milling
最大扭矩 / Max. Torque	23. Nm
铣头重量 / WT	12 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-DC13

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD75

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

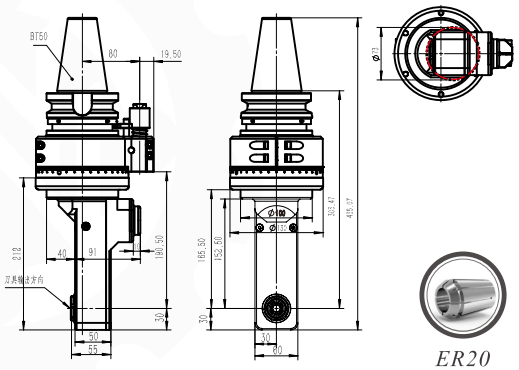
1. The shell is made of 40Cr through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D75

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–DC13
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D75
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	铣牙 / Thread milling M4–M10
最大扭矩 / Max. Torque	30. Nm
铣头重量 / WT	14.5 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-DC16-65

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD80

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

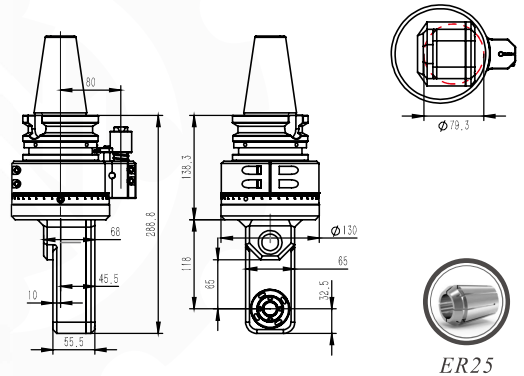
1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D80

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–DC16–65
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	80
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	13.2 kg
库存情况 / Inventory	定制 20 天 / 20 Days
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-DC16-99

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD85

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

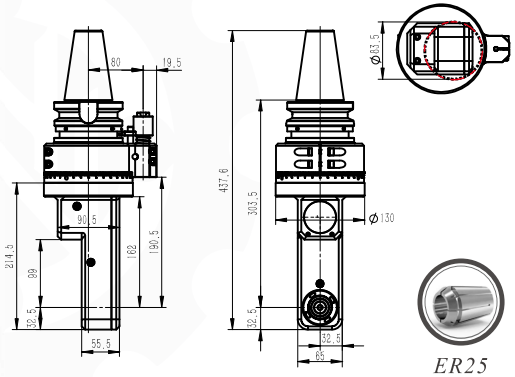
1. The shell is made of 40Cr through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D85

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–DC16–99
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D85
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	12.412 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-DC16-145

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD85/123

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

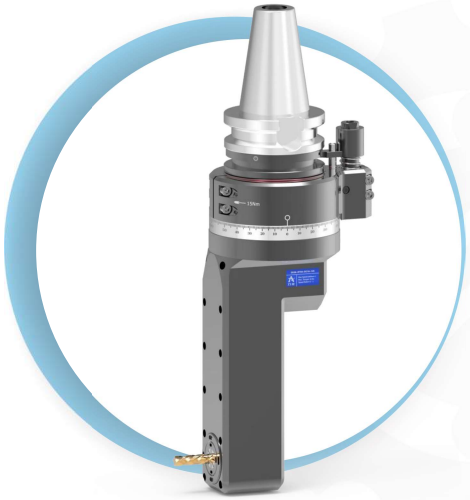
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

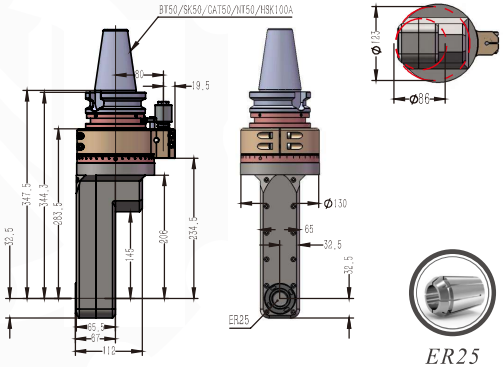
1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D85/123

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–DC16–145
驱动刀柄 / Cono Shank	(BT/NT/CAT)50/HSK100A
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D85/123
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	17.307 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-DC16-185

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD79/D105

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

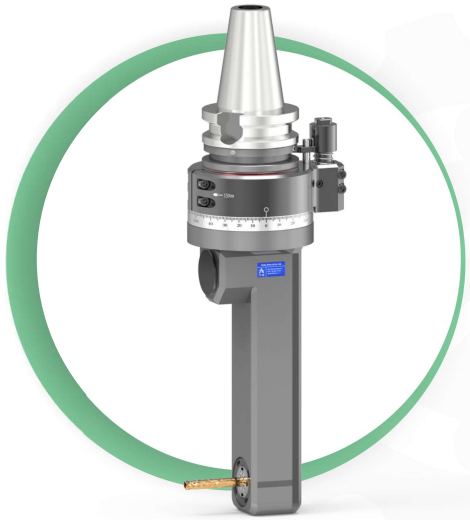
4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

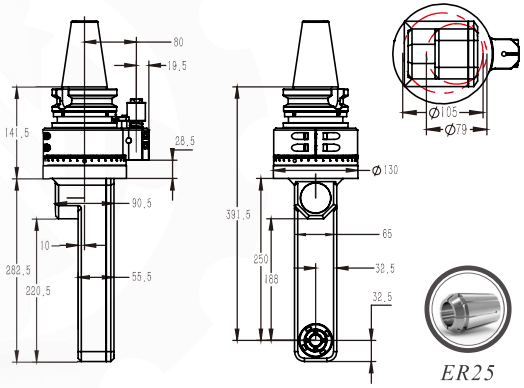
1. The shell is made of 40Cr through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D79/D105

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–DC16–185
驱动刀柄 / Cono Shank	(BT/NT/CAT)50/HSK100A
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D79/D105
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	16.614 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER11-90

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD75

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

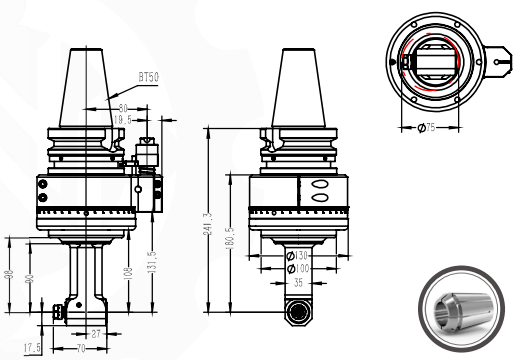
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D75

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER11–90
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D75
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M6
最大扭矩 / Max. Torque	10.8Nm
铣头重量 / WT	11.446 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER11-140

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD75

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

适配刀柄 Compatible taper shank



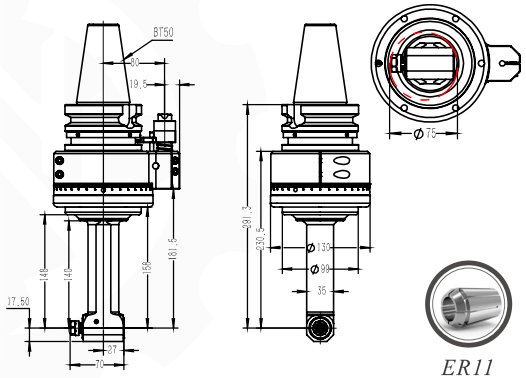
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D75

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER11–140
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D75
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M6
最大扭矩 / Max. Torque	10.8Nm
铣头重量 / WT	11.715 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER11-190

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD75

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

适配刀柄 Compatible taper shank

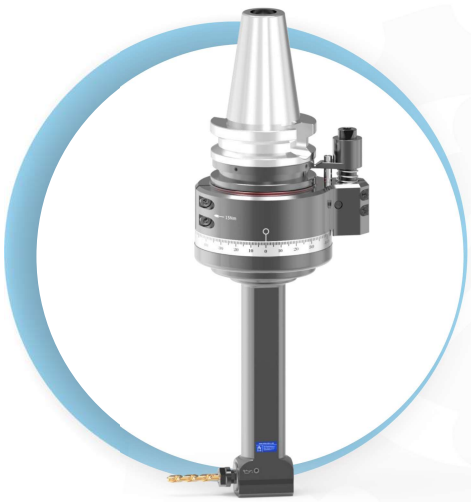


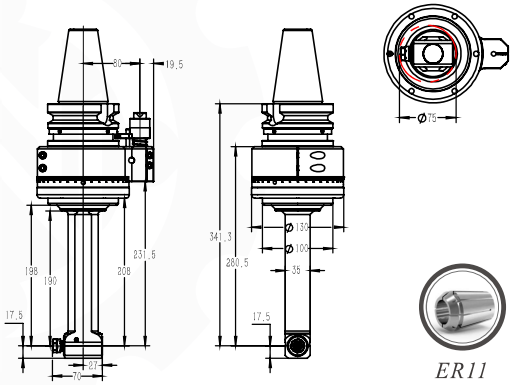
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D75

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER11–190
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D75
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M6
最大扭矩 / Max. Torque	10.8Nm
铣头重量 / WT	12.190 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER16-66

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

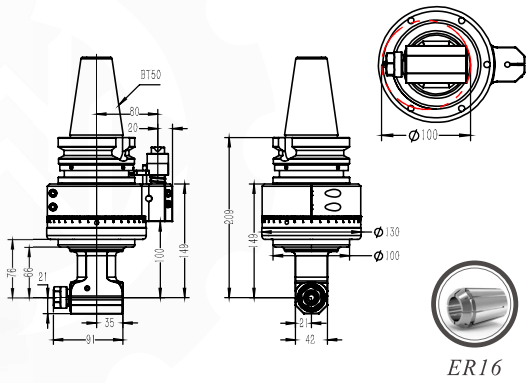
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG PARAMETERS 铣头参数表

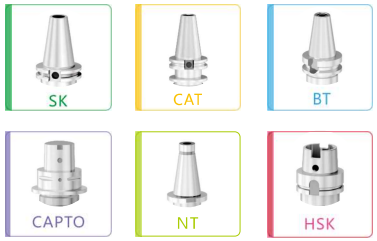
规格型号 / Model	DK90–BT50–ER16–66
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18.Nm
铣头重量 / WT	11.447 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER16-110

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

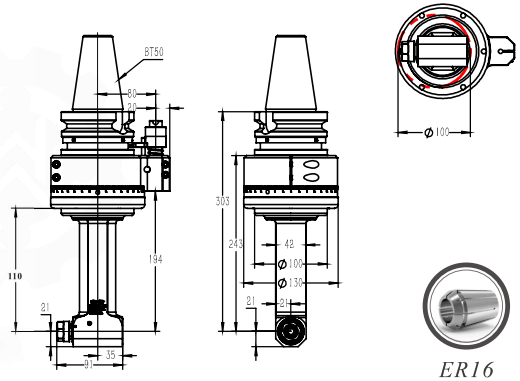
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG PARAMETERS 铣头参数表

规格型号 / Model	DK90–BT50–ER16–110
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18.Nm
铣头重量 / WT	11.79 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER16-160

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

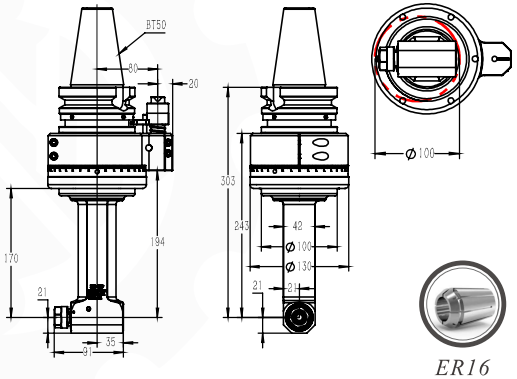
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER16–160
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18.Nm
铣头重量 / WT	12.22 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER16-210

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

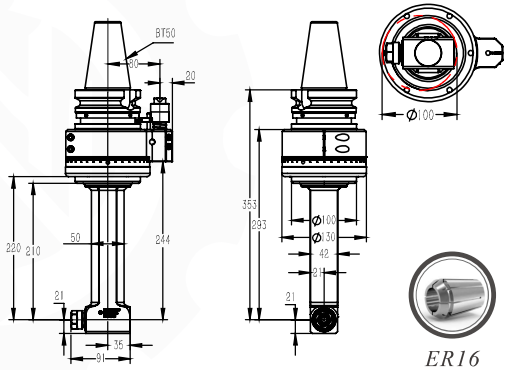
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER16–210
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18.Nm
铣头重量 / WT	12.870 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER16-260

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

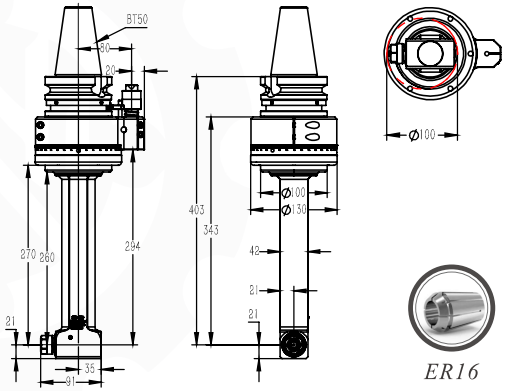
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG 铣头参数表 PARAMETERS

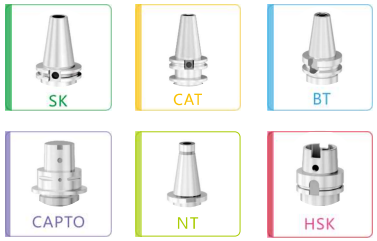
规格型号 / Model	DK90–BT50–ER16–260
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18.Nm
铣头重量 / WT	13.477 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER16-2X

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD118

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

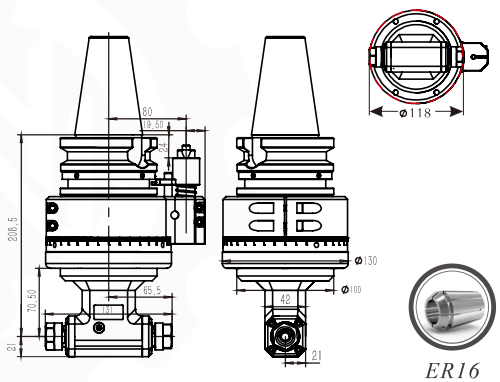
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D118

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER16–2X
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D118
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18.Nm
铣头重量 / WT	10 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER20-L50

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD135

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

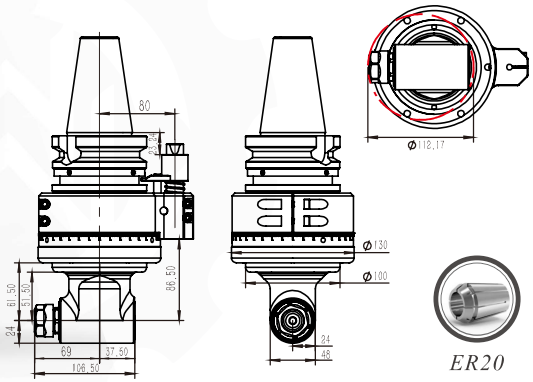
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D135

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG

铣头参数表 PARAMETERS

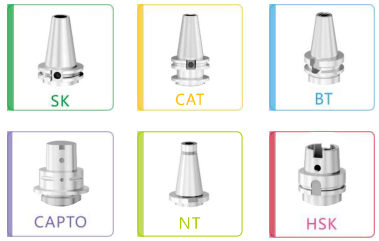
规格型号 / Model	DK90–BT50–ER20–L50
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D135
夹持范围 / Clamping Range	D3–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30 Nm
铣头重量 / WT	6 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER20-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD135

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

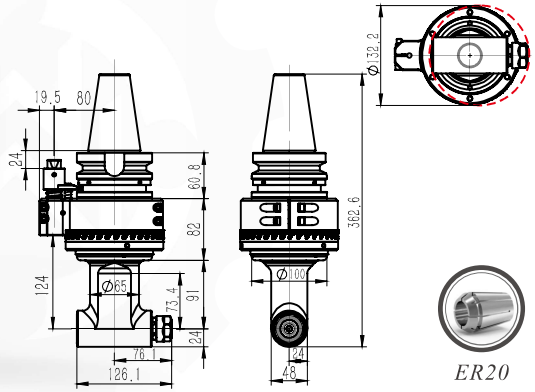
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D135

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER20–100
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D135
夹持范围 / Clamping Range	D3–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30.Nm
铣头重量 / WT	12.572 kg
库存情况 / Inventory	/
非标定制 / Custom	支持/Provide Services

备注： 特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER20-2X-50
一体轴 Integrated shaft

适配刀柄 Compatible taper shank





产品特点 / FEATURES

1.壳体采用QT500-7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD150

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

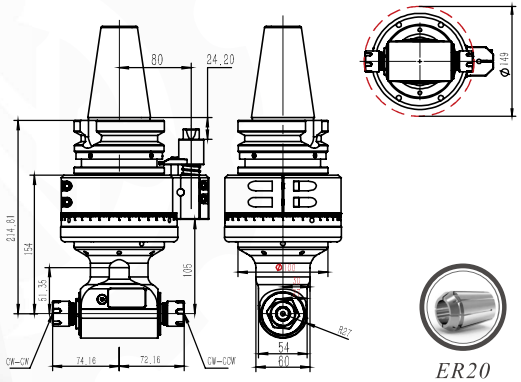
4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D150

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.



ER20

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-ER20-2X-50 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW-CW/CW-CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D150
夹持范围 / Clamping Range	D1-D13
攻牙范围 / Tapping	M4-M10
最大扭矩 / Max. Torque	30 Nm
铣头重量 / WT	12.407 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER20-2X-100
一体轴 Integrated shaft

适配刀柄 Compatible taper shank





产品特点 / FEATURES

1.壳体采用QT500-7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD150

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

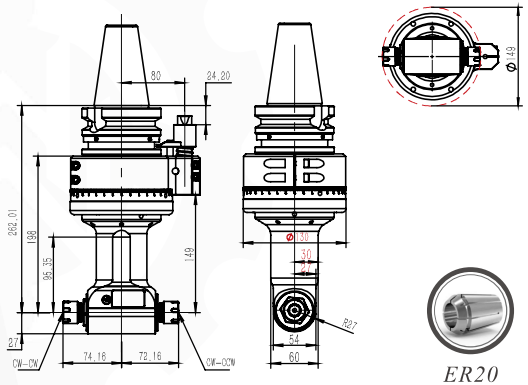
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D150

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.



ER20

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-ER20-2X-100 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW-CW/CW-CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D150
夹持范围 / Clamping Range	D1-D13
攻牙范围 / Tapping	M4-M10
最大扭矩 / Max. Torque	30.Nm
铣头重量 / WT	12.987kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER20-2X-150
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD150

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

适配刀柄 Compatible taper shank



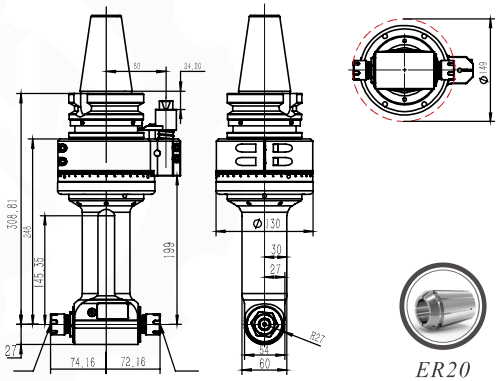
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D150

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER20–2X–150 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW/CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D150
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30 Nm
铣头重量 / WT	13.251 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER25-66

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

适配刀柄 Compatible taper shank



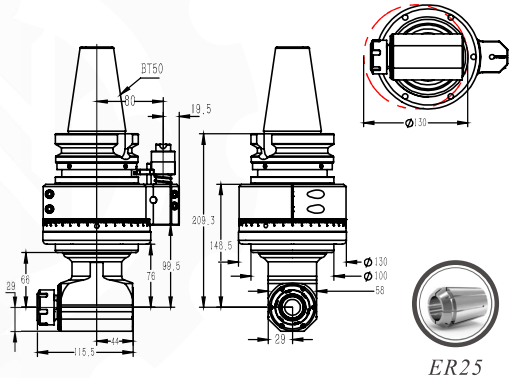
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER25–66
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D130
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	12.523 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER25-110

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

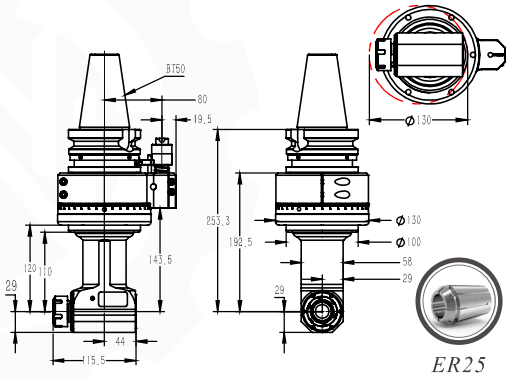
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER25–110
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D130
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	13.081 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER25-160

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

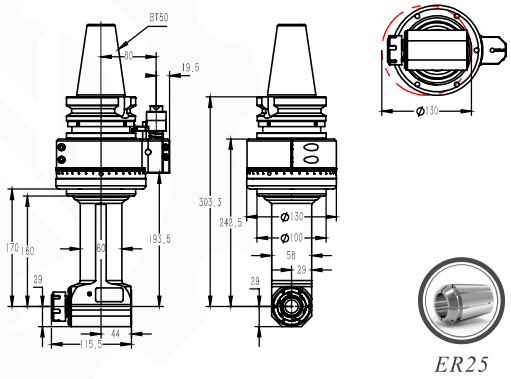
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER25–160
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D130
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	13.706 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER25-210

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

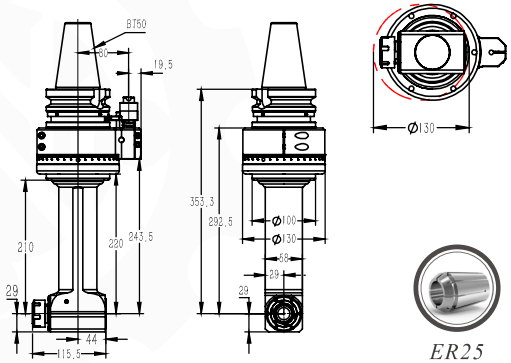
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER25

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER25–210
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D130
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	14.932 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER25-250

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

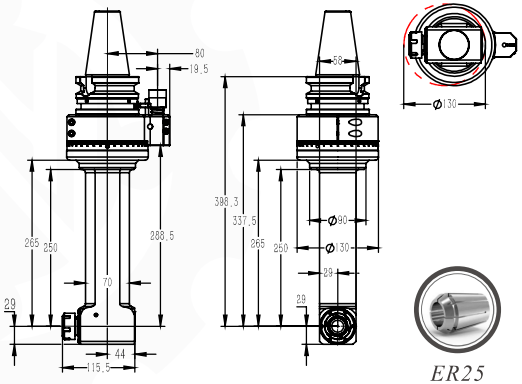
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER25

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER25–250
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D130
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	16.403 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER25-300

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

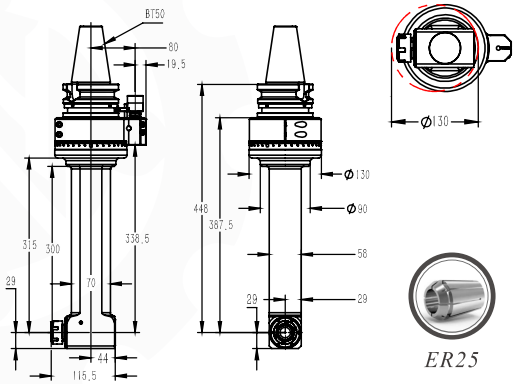
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG

铣头参数表 PARAMETERS

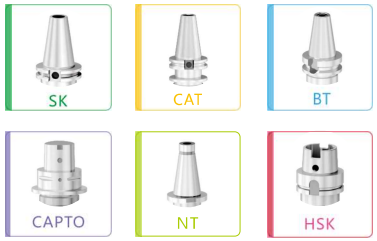
规格型号 / Model	DK90–BT50–ER25–300
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D130
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	17.454 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER25-2X-60
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD162

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

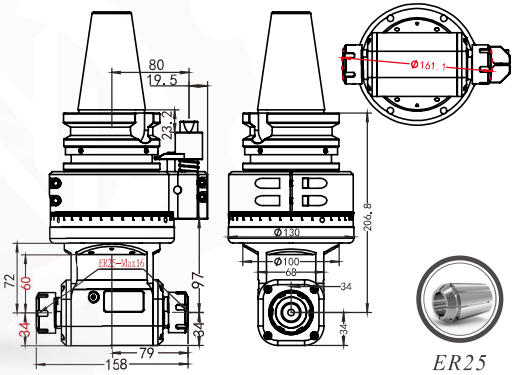
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D162

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER25–2X–60 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT50 兼容HSK/SK/NT/CAT
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW/CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D162
夹持范围 / Clamping Range	D3–D16
攻牙范围 / Tapping	M4–M16
最大扭矩 / Max. Torque	50 Nm
铣头重量 / WT	12.5 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-ER25-2X-160
一体轴 Integrated shaft

适配刀柄 Compatible taper shank



刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD165

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

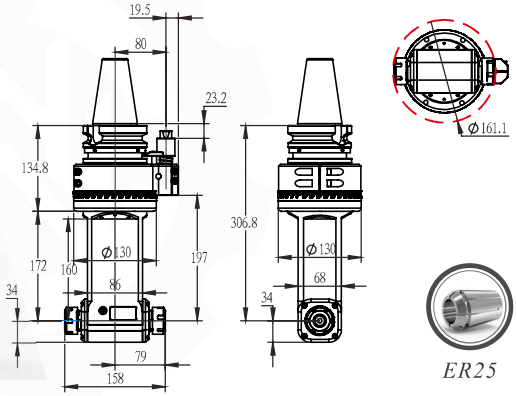
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D165

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

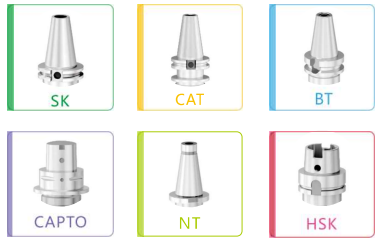
HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER25–2X–160 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW/CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D165
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	50.Nm
铣头重量 / WT	13. 674 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER32-80

适配刀柄 Compatible taper shank



刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

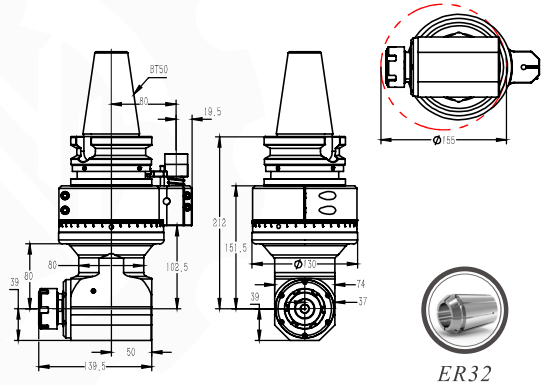
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER32

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER32–80
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D155
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M4–M16
最大扭矩 / Max. Torque	65.Nm
铣头重量 / WT	12.670 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER32-125

适配刀柄 Compatible taper shank



刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、 磨 等多种工序的加工 。

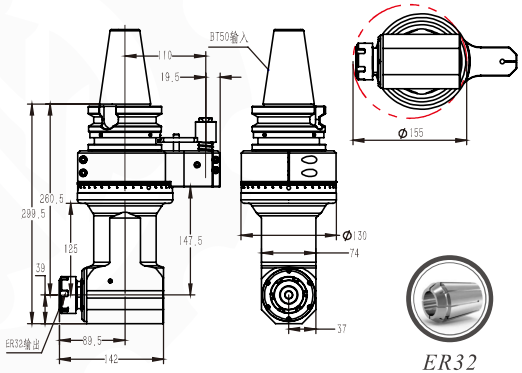
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER32

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER32–125
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D155
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M4–M16
最大扭矩 / Max. Torque	65.Nm
铣头重量 / WT	12.397 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

Dk90
BT50-ER32-125
法兰盘链接 / Flange connection

适配刀柄 Compatible taper shank



刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距， 低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

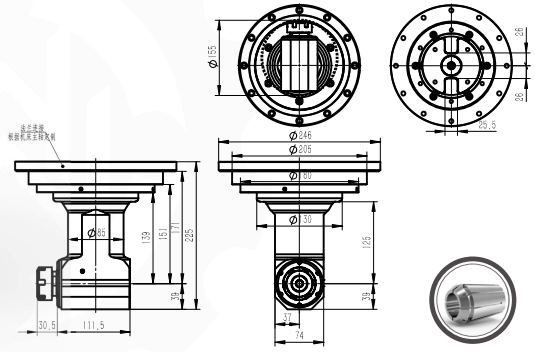
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER32

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER32–125 法兰盘链接 /Flange connection
驱动刀柄 / Cono Shank	/
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D155
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M4–M16
最大扭矩 / Max. Torque	65.Nm
铣头重量 / WT	12.974 kg
库存情况 / Inventory	/
非标定制 / Custom	支持/Provide Services

备注： 特殊需求可按客户要求， 非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER32-190

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD178

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、 磨 等多种工序的加工 。

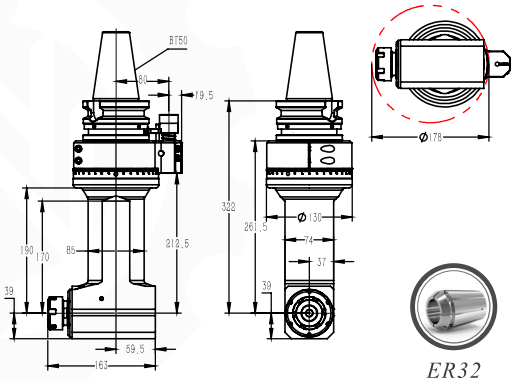
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D178

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER32

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–ER32–190JQ
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D178
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M4–M16
最大扭矩 / Max. Torque	65.Nm
铣头重量 / WT	16.89 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

Dk90
BT50-ER32-190
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD175

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

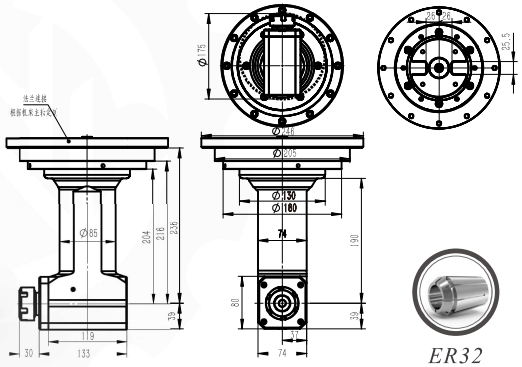
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D175

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER32

铣头参数表 PARAMETERS

HAIWANJINGGONG

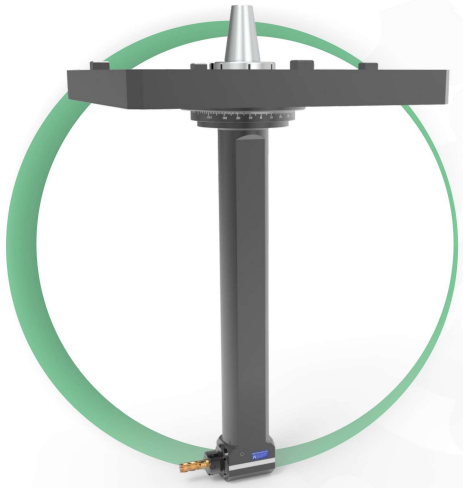
规格型号 / Model	DK90–BT50–ER32–190 / 法兰盘连接 / Flange connection
驱动刀柄 / Cono Shank	/
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D175
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M4–M16
最大扭矩 / Max. Torque	65.Nm
铣头重量 / WT	18.477 kg
库存情况 / Inventory	/
非标定制 / Custom	支持/Provide Services

备注： 特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-ER32-680
法兰盘链接 / Flange connection

适配刀柄 Compatible taper shank





刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

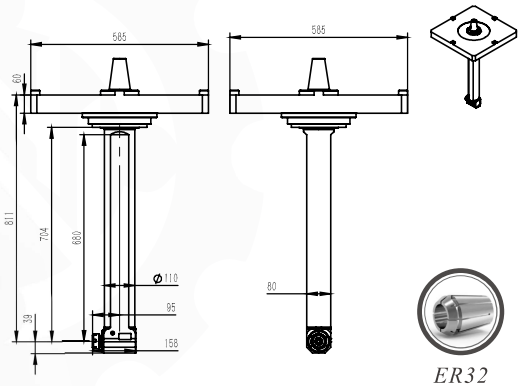
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、 磨 等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.



ER32

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER32–680 / 法兰盘连接 / Flange connection
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	4500RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D155
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M4–M16
最大扭矩 / Max. Torque	65.Nm
铣头重量 / WT	80 kg
库存情况 / Inventory	/
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER32-D50

适配刀柄 Compatible taper shank





刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD165

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

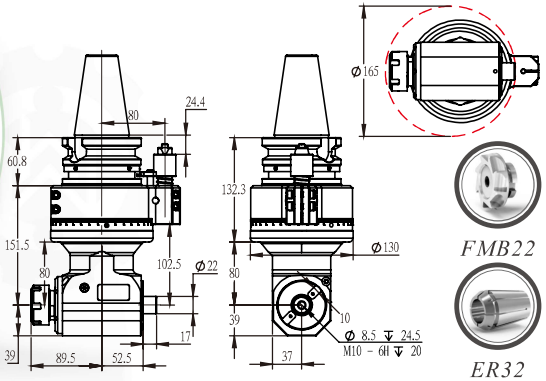
4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D165

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.



HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER32–D50
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000 rpm
主轴转向 / Output Rotation	ER端 CW–CW / FMB22端 CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D165
夹持范围 / Clamping Range	D1–D20/FMB22–D50
攻牙范围 / Tapping	M4–M16
最大扭矩 / Max. Torque	65 Nm
铣头重量 / WT	15 kg
库存情况 / Inventory	5 天/days
非标定制 / Custom	支持 / Customization

备注： 特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER32-2X-L70
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用航空铝, 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD188

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D188

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

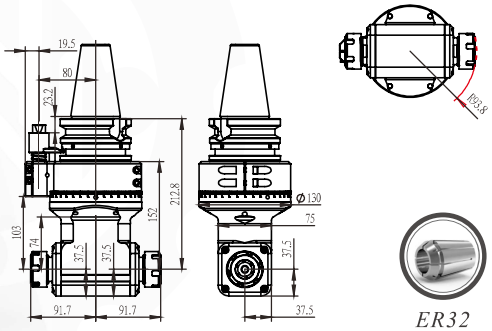
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER32

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER32–2X–L70 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW/CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D188
夹持范围 / Clamping Range	D3–D20
攻牙范围 / Tapping	M4–M20
最大扭矩 / Max. Torque	65 Nm
铣头重量 / WT	13.058 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

Dk90
BT50-ER32-2X-L160
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用航空铝, 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD187.5

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D187.5

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

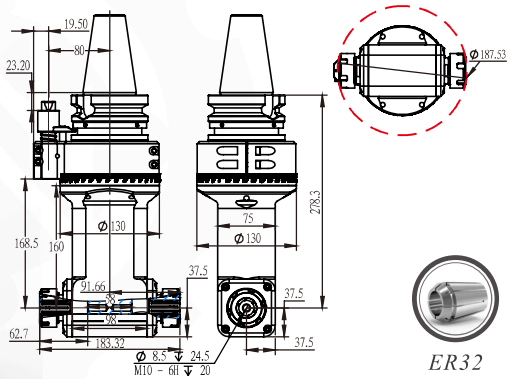
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER32

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER32–2X–L160 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW/CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D187.5
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M4–M16
最大扭矩 / Max. Torque	65.Nm
铣头重量 / WT	14. 515 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER40-80

适配刀柄 Compatible taper shank



刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

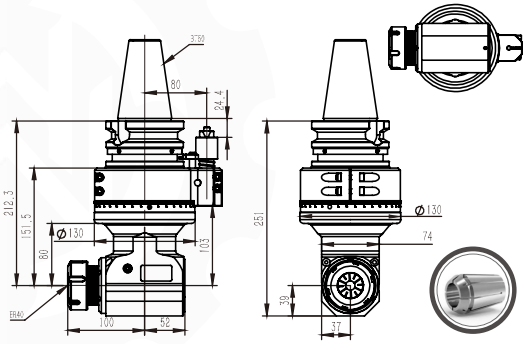
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER40–80
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D155
夹持范围 / Clamping Range	D1–D26
攻牙范围 / Tapping	M4–M18
最大扭矩 / Max. Torque	65.Nm
铣头重量 / WT	15.5 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER11M-60

适配刀柄 Compatible taper shank



刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD55

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

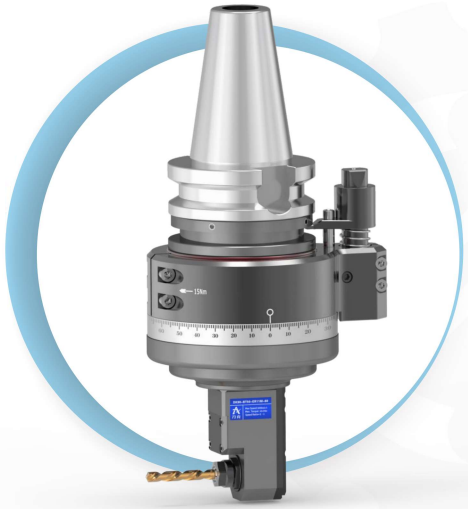
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

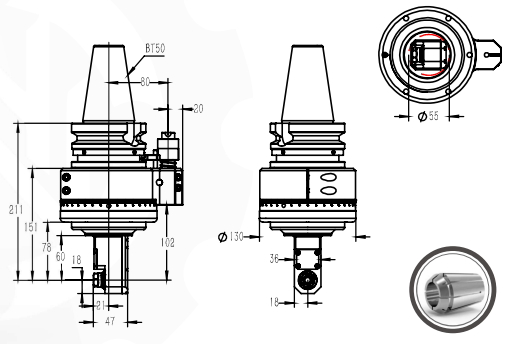
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D55

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER11M–60
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D55
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M5
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	11.201 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER11M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD55

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

适配刀柄 Compatible taper shank



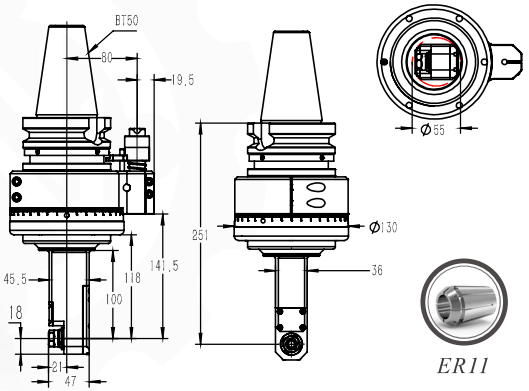
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D55

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT50–ER11M–100
◆ 驱动刀柄 / Cono Shank	BT50
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	5000RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D55
◆ 夹持范围 / Clamping Range	D1–D7
◆ 攻牙范围 / Tapping	M4–M5
◆ 最大扭矩 / Max. Torque	10.8 Nm
◆ 铣头重量 / WT	11.528 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持/Provide Services

DK90
BT50-ER11M-140

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD55

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

适配刀柄 Compatible taper shank



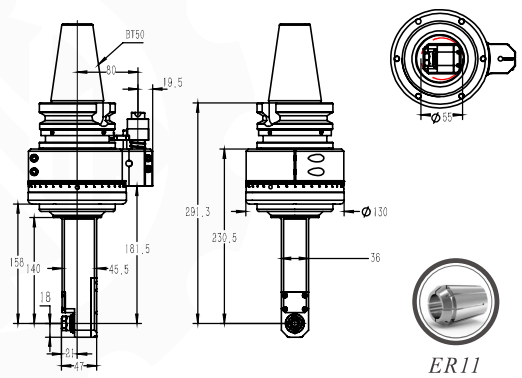
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D55

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT50–ER11M–140
◆ 驱动刀柄 / Cono Shank	BT50
◆ 其它刀柄 / More Cono Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	5000RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D55
◆ 夹持范围 / Clamping Range	D1–D7
◆ 攻牙范围 / Tapping	M4–M5
◆ 最大扭矩 / Max. Torque	10.8 Nm
◆ 铣头重量 / WT	11.869 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER11M-210

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD55

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

适配刀柄 Compatible taper shank



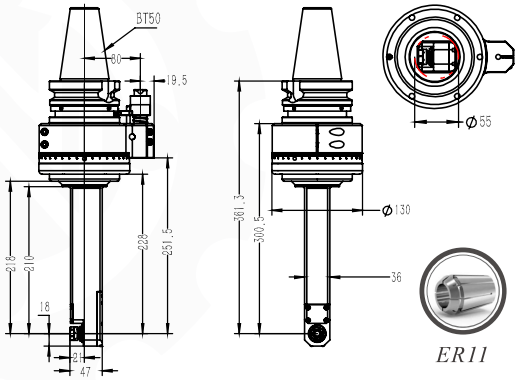
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D55

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER11M–210
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D55
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M6 铣牙 / Thread milling
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	12.412 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER11M-300

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD55

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

适配刀柄 Compatible taper shank



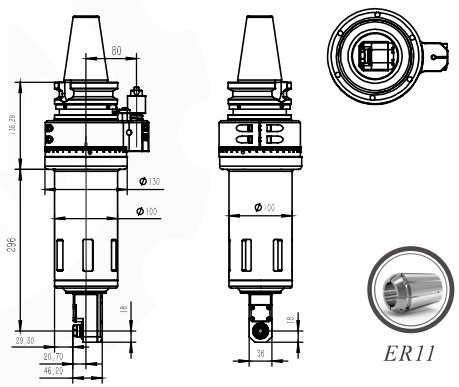
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D55

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER11M–300
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D55
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M6 铣牙 / Thread milling
最大扭矩 / Max. Torque	10.8 Nm
铣头重量 / WT	14.2 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER16M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD77

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D77

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

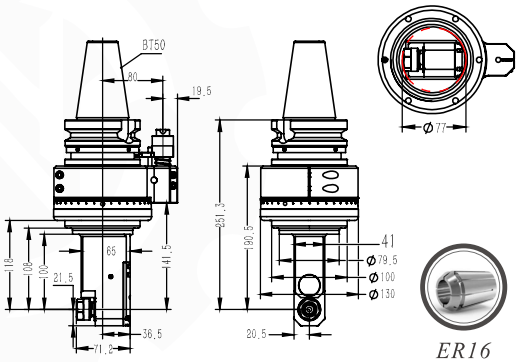
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER16M–100
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D77
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18. Nm
铣头重量 / WT	12.231 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER16M-170

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD77

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

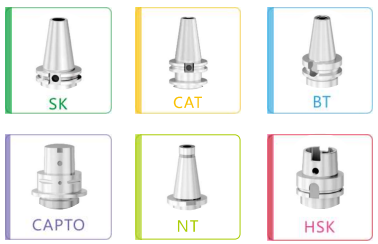
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D77

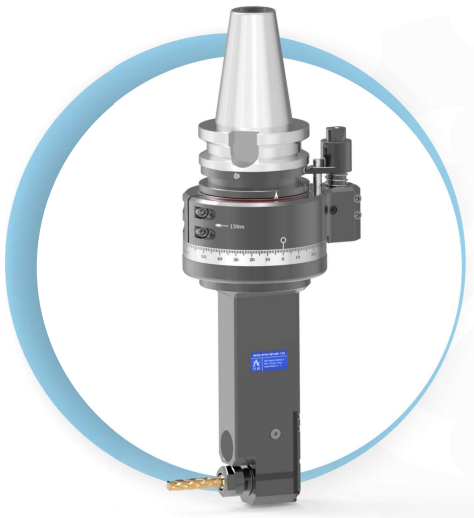
2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

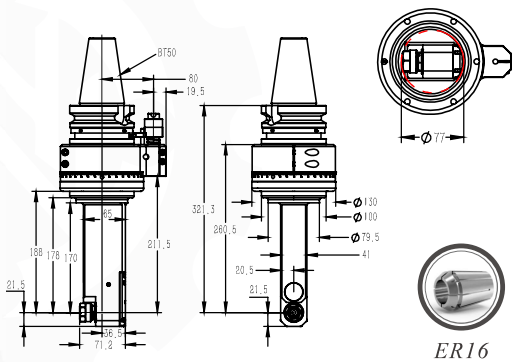
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER16M–170
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D77
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18. Nm
铣头重量 / WT	13.152 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER20M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD85

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

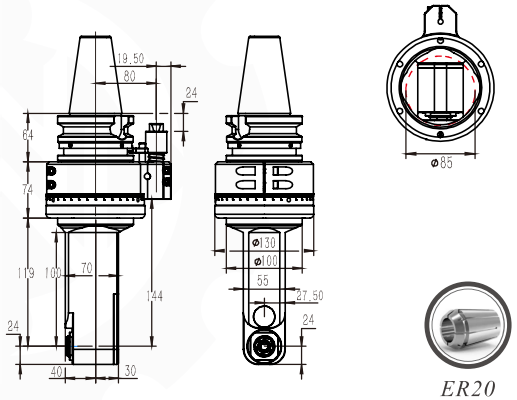
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D85

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER20M–100
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D85
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M5
最大扭矩 / Max. Torque	30. Nm
铣头重量 / WT	11.8 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER20M-150

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD85

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

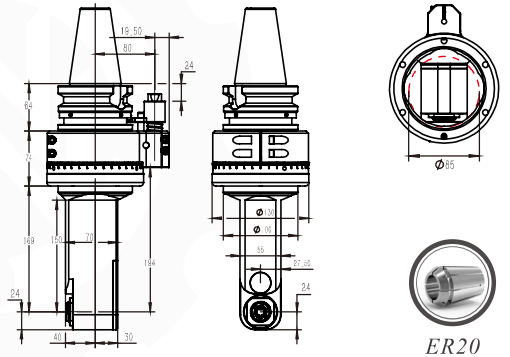
1. The shell is made of Aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D85

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–ER20M–150
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D85
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M5
最大扭矩 / Max. Torque	30. Nm
铣头重量 / WT	14 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER20M-250

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD82

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口，保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D82

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

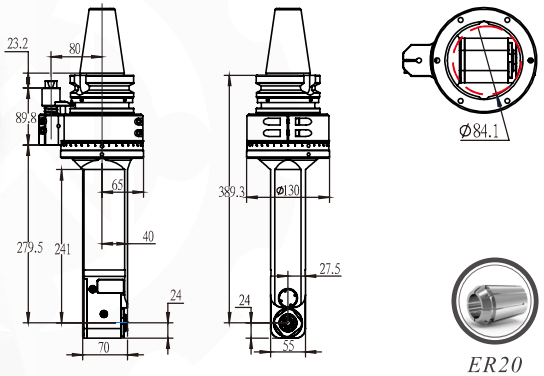
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER20

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–ER20M–250
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D82
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M5–M10
最大扭矩 / Max. Torque	30. Nm
铣头重量 / WT	15.8 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER20M-300

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD85

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D85

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

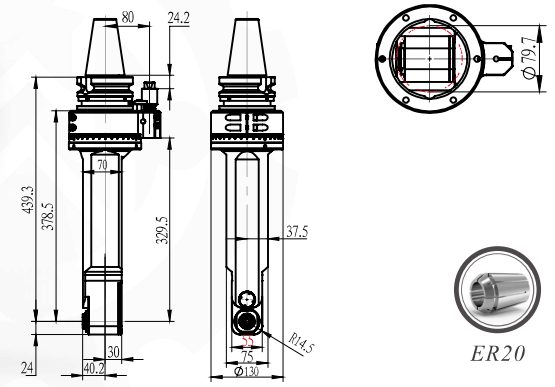
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER20

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–ER20M–300
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D85
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M5–M10
最大扭矩 / Max. Torque	30 Nm
铣头重量 / WT	13.75 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER25M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过ΦD97

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

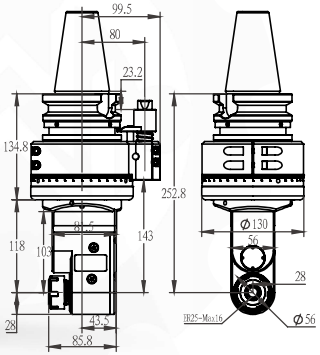
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D97

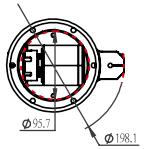
2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.









ER25

铣头参数表 ◆ PARAMETERS

HAIWANJINGGONG

◆ 规格型号 / Model	DK90–BT50–ER25M–100
◆ 驱动刀柄 / Cono Shank	BT50
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	5000RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D97
◆ 夹持范围 / Clamping Range	D3–D16
◆ 攻牙范围 / Tapping	M6–M14
◆ 最大扭矩 / Max. Torque	46. Nm
◆ 铣头重量 / WT	12.232 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持/Provide Services

DK90
BT50-ER25M-150

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用 QT500–7 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过ΦD97

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

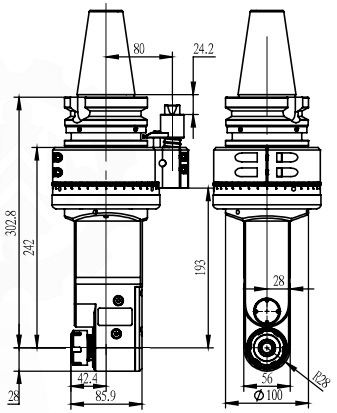
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D97

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.







ER25

铣头参数表 ◆ PARAMETERS

HAIWANJINGGONG

◆ 规格型号 / Model	DK90–BT50–ER25M–150
◆ 驱动刀柄 / Cono Shank	BT50
◆ 其它刀柄 / More Cono Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	5000 rpm
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D97
◆ 夹持范围 / Clamping Range	D3–D16
◆ 攻牙范围 / Tapping	M4–M14
◆ 最大扭矩 / Max. Torque	46 Nm
◆ 铣头重量 / WT	12.33 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER25M-200

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD97

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

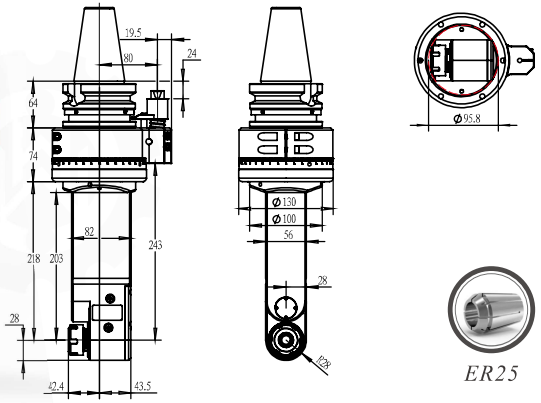
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D97

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

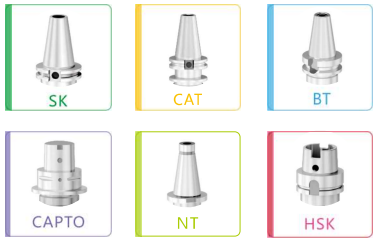
规格型号 / Model	DK90–BT50–ER25M–200
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D97
夹持范围 / Clamping Range	D3–D16
攻牙范围 / Tapping	M5–M14
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	13 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-PER16

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD51

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

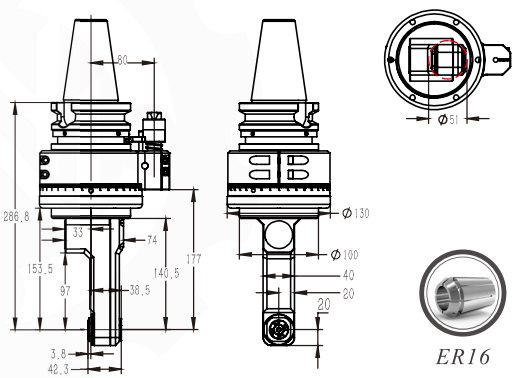
1. The shell is made of 40Cr, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D51

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–PER16
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D51
夹持范围 / Clamping Range	D1–D10
攻牙范围 / Tapping	M5–M8 铣牙 / Thread milling
最大扭矩 / Max. Torque	25 Nm
铣头重量 / WT	10.074 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-PER20

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD67

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、 磨 等多种工序的加工 。

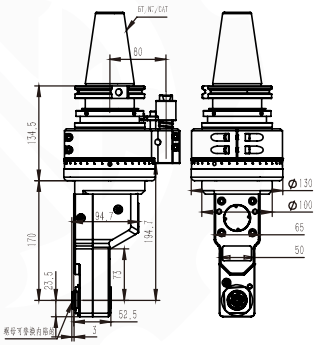
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D67

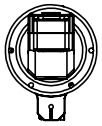
2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.









ER20

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–PER20
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D67
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M6–M12
最大扭矩 / Max. Torque	35. Nm
铣头重量 / WT	15.6 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-YW16

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD118

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

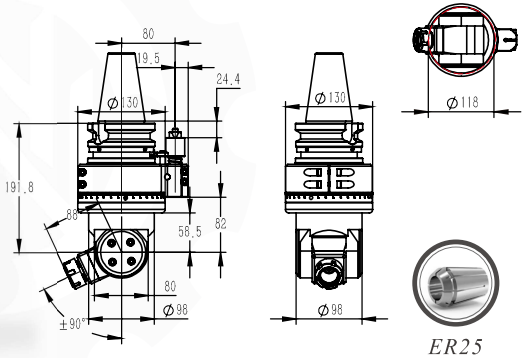
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D118

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–YW16
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D118
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M6–M14
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	14.15 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-YW20

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD175

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

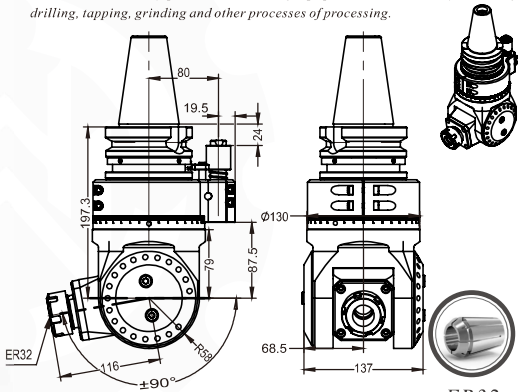
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D175

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER32

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–YW20
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D175
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M6–M16
最大扭矩 / Max. Torque	65. Nm
铣头重量 / WT	19.00 kg
库存情况 / Inventory	±90°
非标定制 / Custom	支持/Provide Services

Dk90
BT50-YW20-400
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

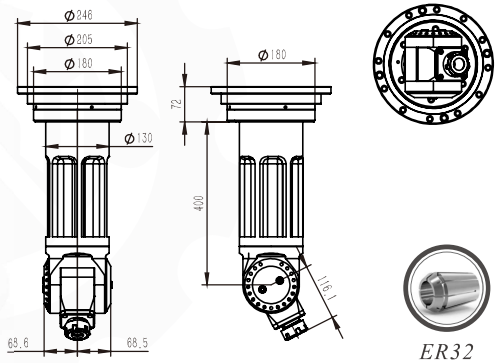
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER32

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–YW20–400 / 法兰盘连接 /Flange connection
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000RPM
主轴转向 / Output Rotation	CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D155
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M6–M16
最大扭矩 / Max. Torque	65. Nm
铣头重量 / WT	35.812 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-YW20-500
法兰盘链接 / Flange connection

适配刀柄 Compatible taper shank



刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

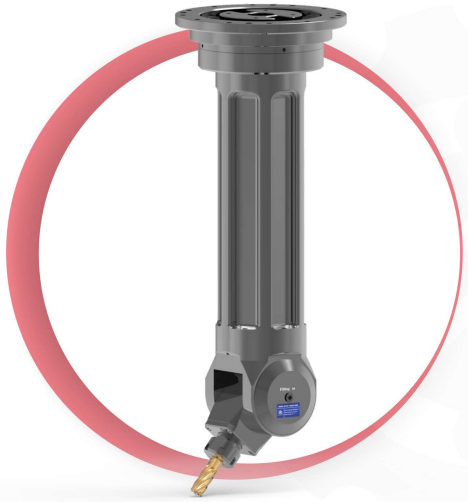
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

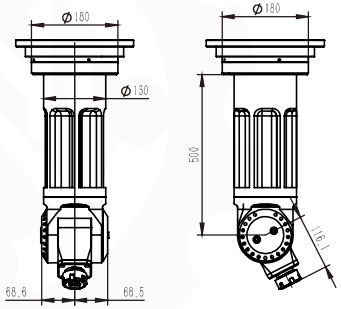
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.









ER32

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–YW20–500 / 法兰盘连接 / Flange connection
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000RPM
主轴转向 / Output Rotation	CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D155
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M6–M16
最大扭矩 / Max. Torque	65. Nm
铣头重量 / WT	38.12 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-W20

适配刀柄 Compatible taper shank



刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

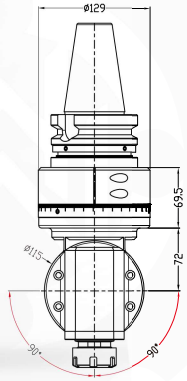
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

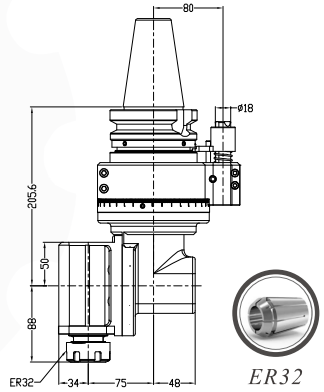
2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.







ER32

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–W20
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	155 mm
夹持范围 / Clamping Range	1–20 mm
攻牙范围 / Tapping	M6–M16
最大扭矩 / Max. Torque	65. Nm
铣头重量 / WT	13 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-AER25M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD95

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

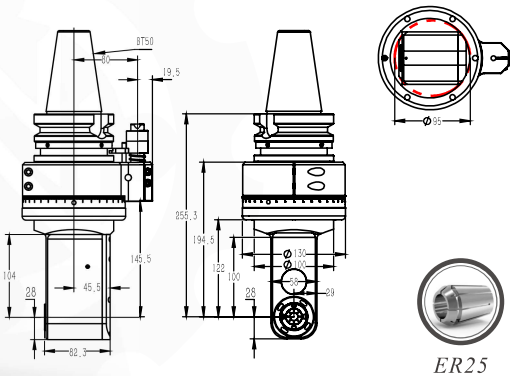
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D95

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG PARAMETERS 铣头参数表

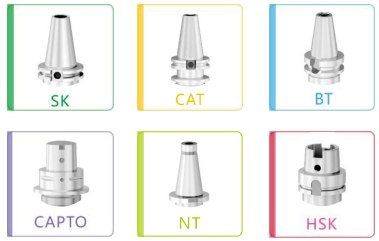
规格型号 / Model	DK90–BT50–AER25M–100
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D95
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M6–M14
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	11.970 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-AER25M-250

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD95

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

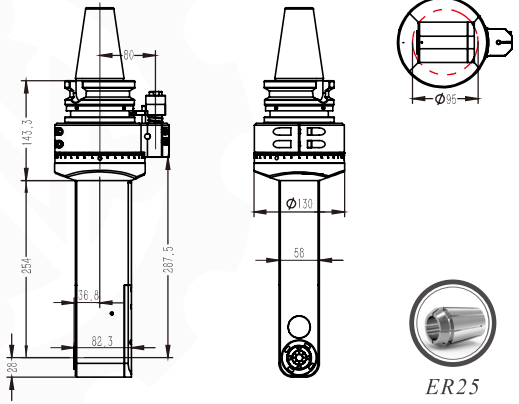
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D95

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG PARAMETERS 铣头参数表

规格型号 / Model	DK90–BT50–AER25M–250
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D95
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M6–M14
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	13.5 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-AER32M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD110

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

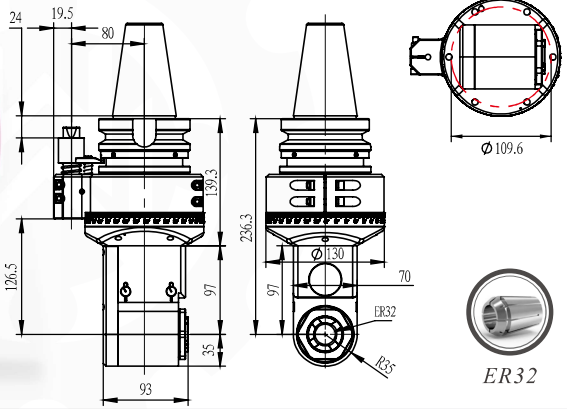
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D110

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER32

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–AER32M–100
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D110
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M6–M16
最大扭矩 / Max. Torque	65 Nm
铣头重量 / WT	14. 66 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

DK90
BT50-AER32M-200

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD110

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

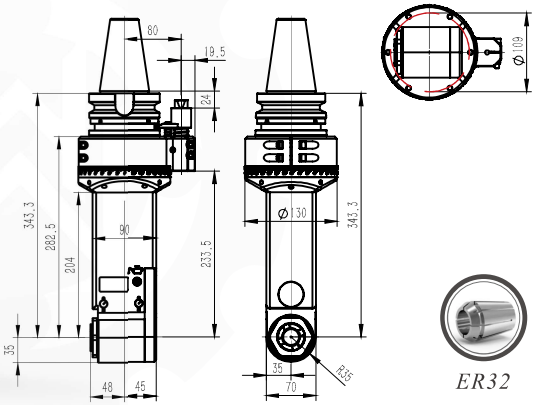
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D110

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER32

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–AER32M–200
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D110
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M6–M16
最大扭矩 / Max. Torque	65 Nm
铣头重量 / WT	19.56 kg
库存情况 / Inventory	常备库存
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-AER20-2X
一体轴 Integrated shaft

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD125

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

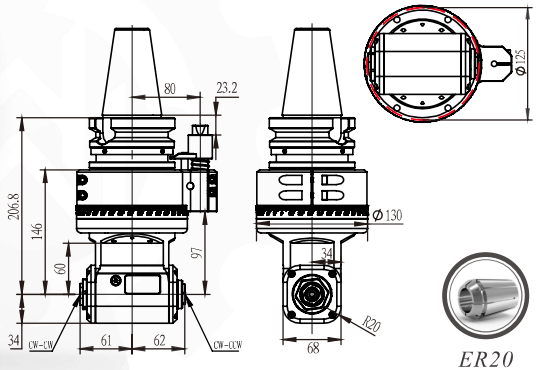
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D125

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–AER20–2X 一体轴 / Integrated shaft
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW/CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D125
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M6–M12
最大扭矩 / Max. Torque	46 Nm
铣头重量 / WT	12.094 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-FMB22M-F63

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD95

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

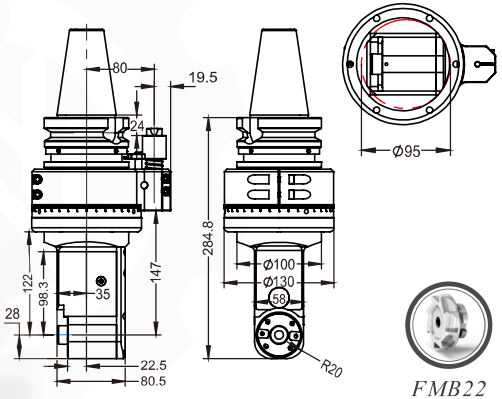
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D95

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





FMB22

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–FMB22M–F63
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D95
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M6–M14
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	11.730 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-FMB22-80

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD147

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

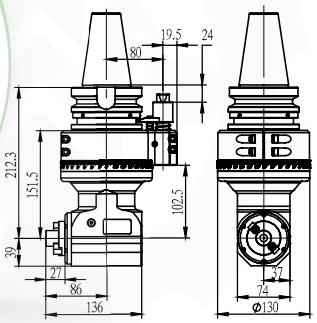
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D147

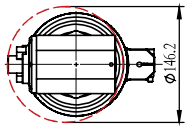
2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.









FMB22

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–FMB22–80
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D147
夹持范围 / Clamping Range	FMB22
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	65.Nm
铣头重量 / WT	14.19 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-FMB22-160

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD133

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

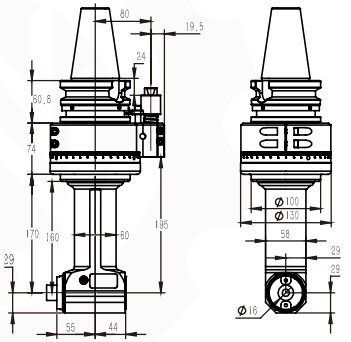
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D133

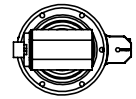
2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.









FMB22

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–FMB22–160
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D133
夹持范围 / Clamping Range	FMB22
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	13.610 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-FMB22-D59

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

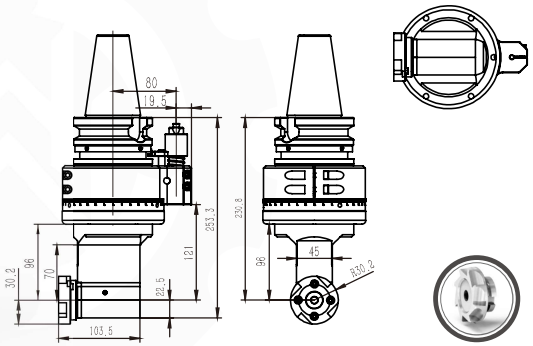
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





FMB22

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–FMB22–D59
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D155
夹持范围 / Clamping Range	D22
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	35.Nm
铣头重量 / WT	14.5 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-BT40-4X90°

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD200

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

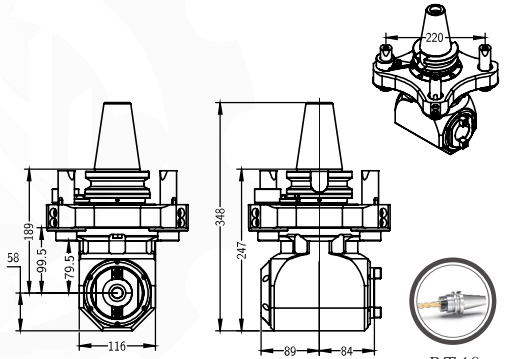
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D200

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





BT40

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–BT40–4X90°
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	2500RPM
主轴转向 / Output Rotation	CCW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D200
夹持范围 / Clamping Range	BT40
攻牙范围 / Tapping	M6–M32
最大扭矩 / Max. Torque	160.Nm
铣头重量 / WT	22 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-BT40-160
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝, 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD190

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D190

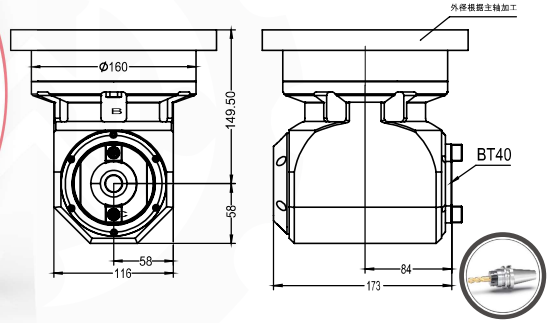
2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.



The outer diameter is based On the spindle machining
外径根据主轴加工



BT40

HAIWANJINGGONG

铣头参数表 PARAMETERS

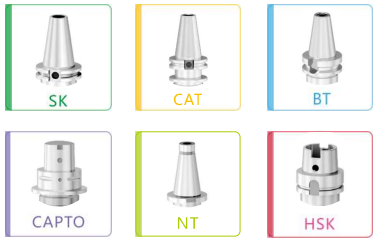
规格型号 / Model	DK90–BT50–BT40–160 法兰盘链接 /Flange connection
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	2500RPM
主轴转向 / Output Rotation	CCW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D190
夹持范围 / Clamping Range	BT40
攻牙范围 / Tapping	M6–M20
最大扭矩 / Max. Torque	160.Nm
铣头重量 / WT	15.620 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-BT40-300

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝, 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD180

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

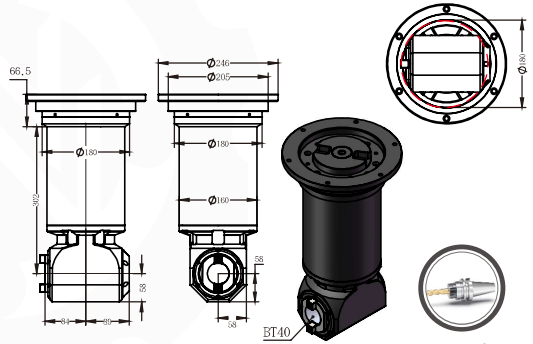
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D180

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





BT40

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–BT40–300
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	2500RPM
主轴转向 / Output Rotation	CCW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D180
夹持范围 / Clamping Range	BT40
攻牙范围 / Tapping	M6–M24
最大扭矩 / Max. Torque	160.Nm
铣头重量 / WT	43 kg
库存情况 / Inventory	10天 / 10 Days
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-BT40-580L

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD180

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

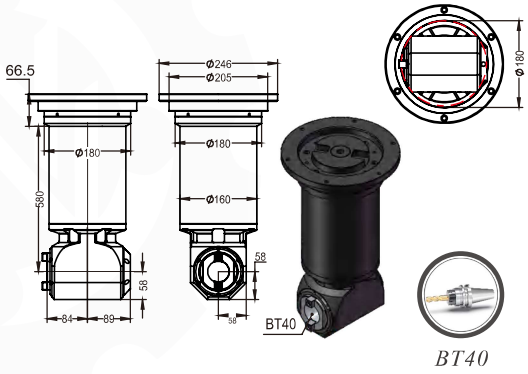
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D180

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





BT40

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–BT40–580L
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	2500RPM
主轴转向 / Output Rotation	CCW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D180
夹持范围 / Clamping Range	BT40
攻牙范围 / Tapping	M6–M24
最大扭矩 / Max. Torque	160.Nm
铣头重量 / WT	64 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-BT40-700

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD200

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

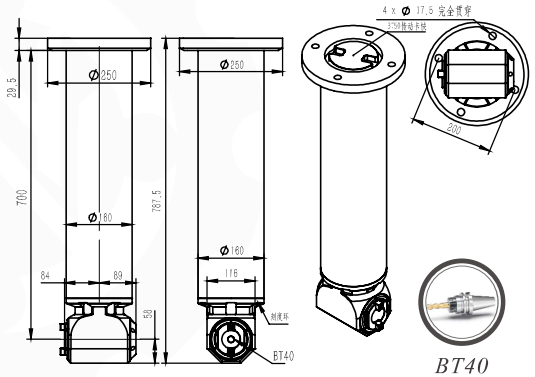
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D200

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





BT40

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–BT40–700
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	2500RPM
主轴转向 / Output Rotation	CCW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D200
夹持范围 / Clamping Range	BT40
攻牙范围 / Tapping	M6–M20
最大扭矩 / Max. Torque	160.Nm
铣头重量 / WT	75 kg
库存情况 / Inventory	备货10天 / 10 Days Of Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-FMB27-2X

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD200

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

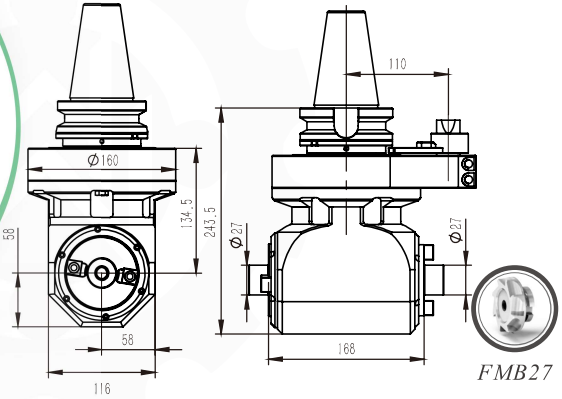
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D200

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





FMB27

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT50–FMB27–2X
◆ 驱动刀柄 / Cono Shank	BT50
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	2500RPM
◆ 主轴转向 / Output Rotation	CW–CW/CCW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D200
◆ 夹持范围 / Clamping Range	FMB27
◆ 攻牙范围 / Tapping	/
◆ 最大扭矩 / Max. Torque	160.Nm
◆ 铣头重量 / WT	18.5 kg
◆ 库存情况 / Inventory	定制 15 天 / 15 Days
◆ 非标定制 / Custom	支持/Provide Services

DK90
BT50-FMB27-2X-400

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD210

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

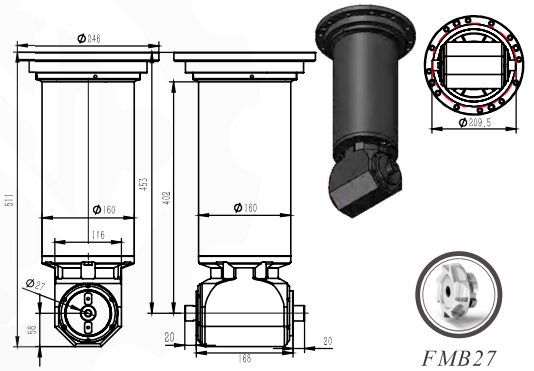
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D210

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





FMB27

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT50–FMB27–2X–400
◆ 驱动刀柄 / Cono Shank	BT50
◆ 其它刀柄 / More Cono Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	2500RPM
◆ 主轴转向 / Output Rotation	CW–CW / CCW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D210
◆ 夹持范围 / Clamping Range	FMB27
◆ 攻牙范围 / Tapping	D120
◆ 最大扭矩 / Max. Torque	160.Nm
◆ 铣头重量 / WT	53 kg
◆ 库存情况 / Inventory	定制 10 天 / 10 Days
◆ 非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-BT40

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD200

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

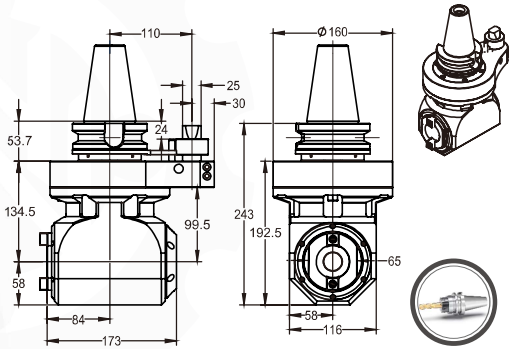
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D200

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





BT40

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–BT40
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	2500RPM
主轴转向 / Output Rotation	CCW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D200
夹持范围 / Clamping Range	BT40
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	160.Nm
铣头重量 / WT	18 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-BT40M

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD136

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

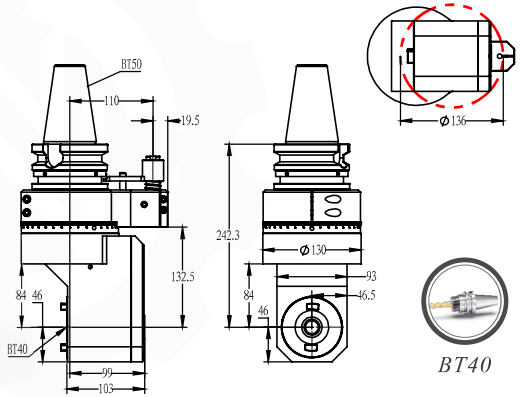
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D136

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





BT40

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–BT40M
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	3500RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D136
夹持范围 / Clamping Range	BT40
攻牙范围 / Tapping	M4–M20
最大扭矩 / Max. Torque	68Nm
铣头重量 / WT	14.8 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-D13-30°

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr/QT500–7, 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

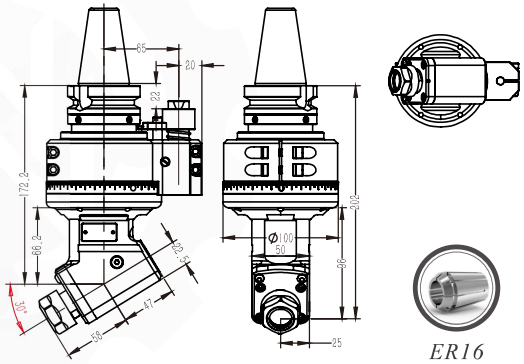
1. The shell is made of 40Cr or QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

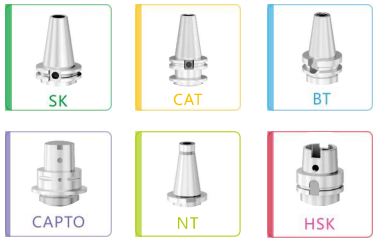
规格型号 / Model	DK90–BT40–D13–30°
驱动刀柄 / Cono Shank	BT40/HSK63/NT40/CAT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6800 RPM
主轴转向 / Output Rotation	CCW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D130
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M12
最大扭矩 / Max. Torque	30. Nm
铣头重量 / WT	4.951 kg
库存情况 / Inventory	/
非标定制 / Custom	支持/Provide Services

DK45
BT40-ER20-45°

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr/航空铝, 通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口, 可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

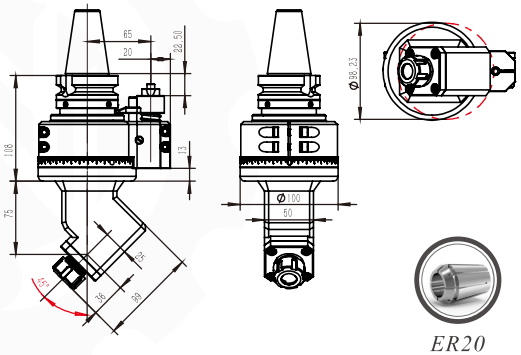
1. The shell is made of 40Cr or aviation aluminum, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER20

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK45-BT40-ER20-45°
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / CAN BE USED
最高转速 / Max.RPM	6800 RPM
主轴转向 / Output Rotation	CCW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D1–D13
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	30. Nm
铣头重量 / WT	4.8 KG
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK45
BT40-ER25-45°

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr/航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD115

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口, 可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

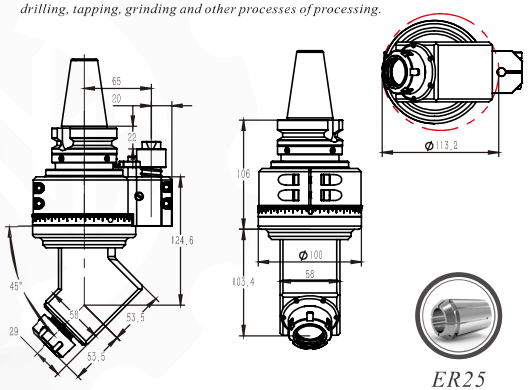
1. The shell is made of 40Cr or aviation aluminum, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D115

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 ◆ PARAMETERS

HAIWANJINGGONG

◆ 规格型号 / Model	DK45–BT40–ER25–45°
◆ 驱动刀柄 / Cono Shank	BT40/HSK63/NT40
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6800 RPM
◆ 主轴转向 / Output Rotation	CCW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D115
◆ 夹持范围 / Clamping Range	D1–D16
◆ 攻牙范围 / Tapping	M4–M14
◆ 最大扭矩 / Max. Torque	46.Nm
◆ 铣头重量 / WT	5.3 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持/Provide Services

Dk90
BT40-Z10-L50

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

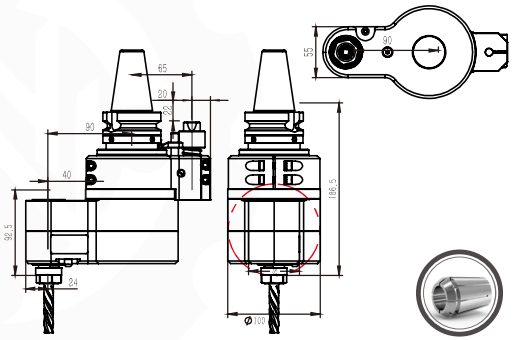
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

铣头参数表 ◆ PARAMETERS

HAIWANJINGGONG

◆ 规格型号 / Model	DK90-BT40-Z10-L50
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Cono Shank	支持 / CAN BE USED
◆ 最高转速 / Max.RPM	6000RPM
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1.5 增速 / Speed Increase
◆ 通过直径 / Clearance Diameter	D100
◆ 夹持范围 / Clamping Range	D1–D10
◆ 攻牙范围 / Tapping	M4–M8
◆ 最大扭矩 / Max. Torque	18.5 NM
◆ 铣头重量 / WT	6.5 KG
◆ 库存情况 / Inventory	常备库存 / STOCK
◆ 非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-55°

适配刀柄 Compatible taper shank



刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD95

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

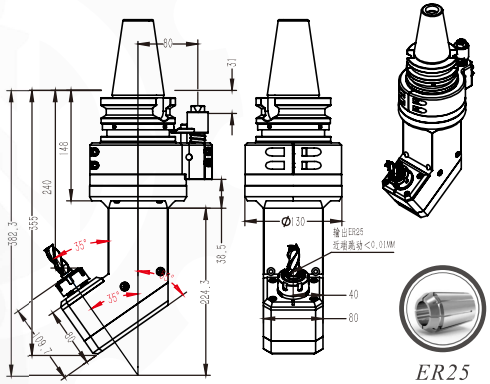
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D95

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJIINGGONG

规格型号 / Model	DK90–BT50–55°
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D95
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	12.8 kg
库存情况 / Inventory	/
非标定制 / Custom	支持/Provide Services

DK70
BT40-ER16Z

适配刀柄 Compatible taper shank



刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD115

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

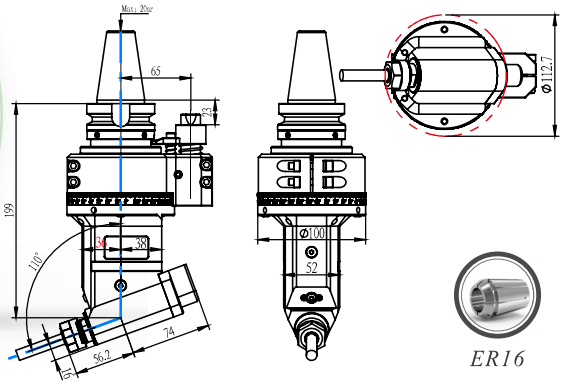
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D115

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

铣头参数表 PARAMETERS

HAIWANJIINGGONG

规格型号 / Model	DK70–BT40–ER16Z
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CCW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D115
夹持范围 / Clamping Range	D3–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18.Nm
铣头重量 / WT	6.35 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-Z10-L80-H150

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φ213.5mm

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

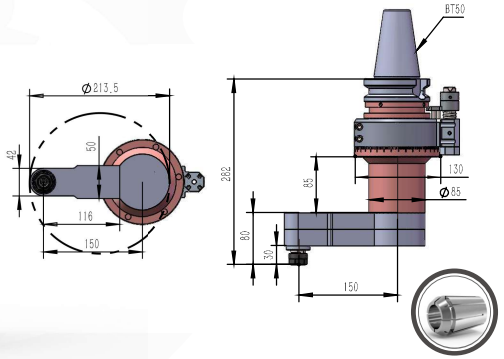
1. The shell is made of 40Cr through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi 213.5mm

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-Z10-L80-H150
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5500RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	213.5mm
夹持范围 / Clamping Range	10mm
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	22. Nm
铣头重量 / WT	14 KG
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-ER25-Z80
中心出水 Central Water Cooling

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD115

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

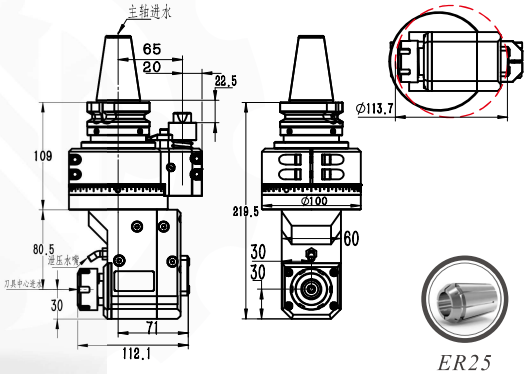
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D115

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–ER25–Z80 Central Water Cooling
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6800RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D115
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	6.3 kg
库存情况 / Inventory	中心水冷 / Water – cooling from the center
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER25-Z80
中心出水 Central Water Cooling

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD120

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

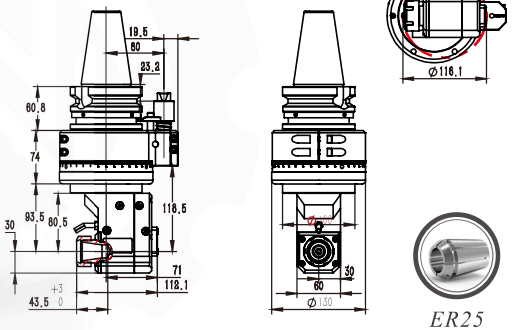
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D120

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG PARAMETERS 铣头参数表

规格型号 / Model	DK90–BT50–ER25–Z80 Central Water Cooling
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6800RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D120
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46.Nm
铣头重量 / WT	12 kg
库存情况 / Inventory	中心水冷 / Water – cooling from the center
非标定制 / Custom	支持/Provide Services

DK90
BT40-PER16M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD55

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

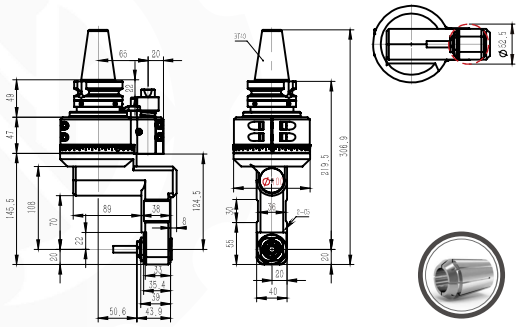
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D55

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG PARAMETERS 铣头参数表

规格型号 / Model	DK90–BT40–PER16M–100
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D55
夹持范围 / Clamping Range	D4–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18.Nm
铣头重量 / WT	6.575 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-PER16M-100

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD80

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

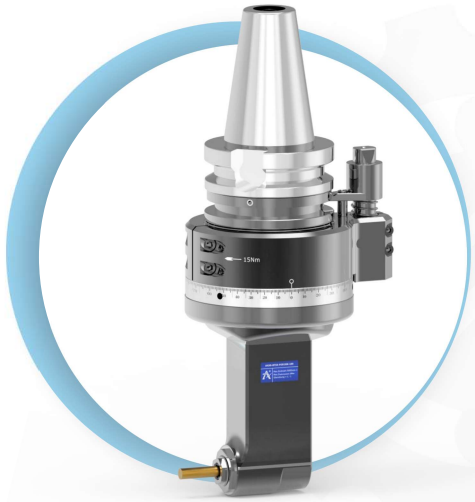
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

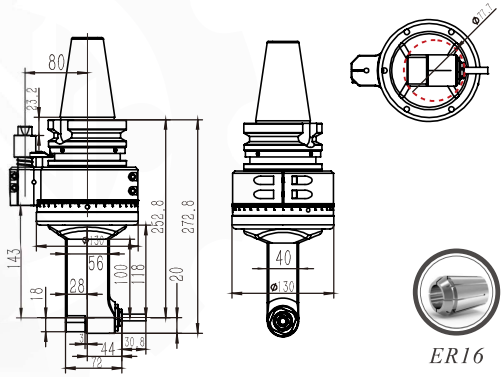
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D80

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–PER16M–100
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D80
夹持范围 / Clamping Range	D4–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	18.Nm
铣头重量 / WT	12 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-ER11-Z440-11°

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD80

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、 磨等多种工序的加工 。

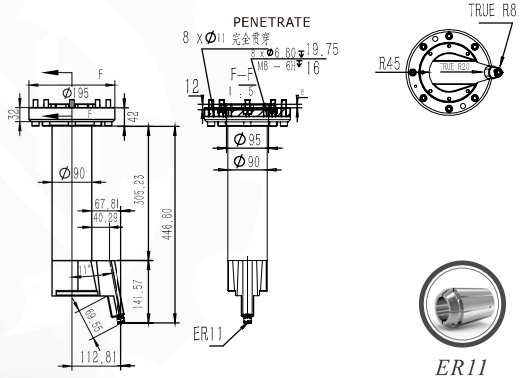
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D80

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–ER11–Z440–11° 0
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D80
夹持范围 / Clamping Range	D1–D7
攻牙范围 / Tapping	M4–M10
最大扭矩 / Max. Torque	10.Nm
铣头重量 / WT	26 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-ER25M-L200F

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD97

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

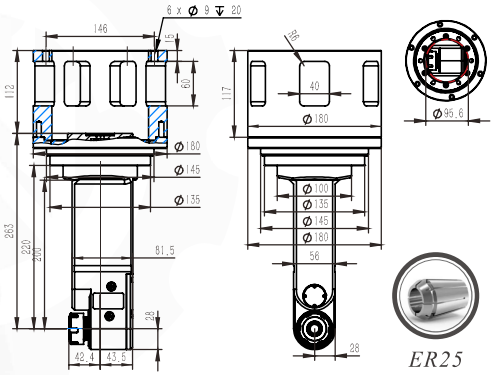
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D97

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT40–ER25M–L200F
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D97
夹持范围 / Clamping Range	D3–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	45.Nm
铣头重量 / WT	17.5 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT30-D5-2X

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD85

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距， 低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨等多种工序的加工 。

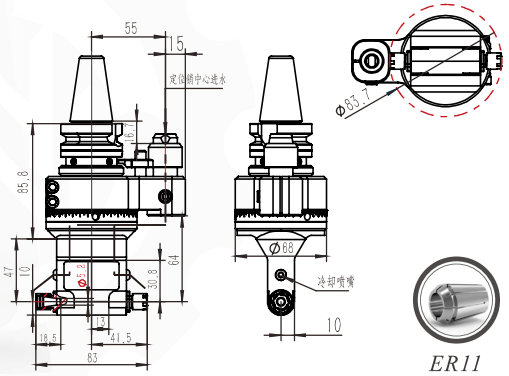
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D85

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER11

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT30–D5–2X
驱动刀柄 / Cono Shank	BT30
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D85
夹持范围 / Clamping Range	D3–D5
攻牙范围 / Tapping	M1.2–M4
最大扭矩 / Max. Torque	6.8.Nm
铣头重量 / WT	1.753 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-SDC04-1515

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD20.5

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

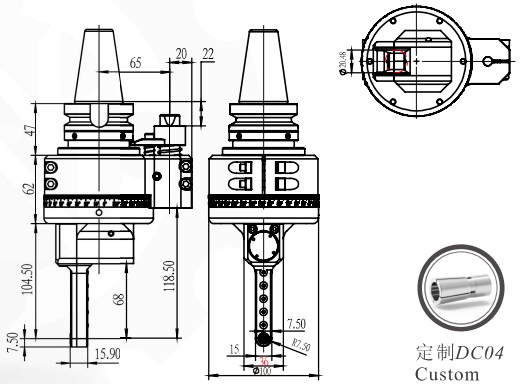
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D20.5

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制*DC04*
Custom

HAIWANJINGGONG

铣头参数表 PARAMETERS

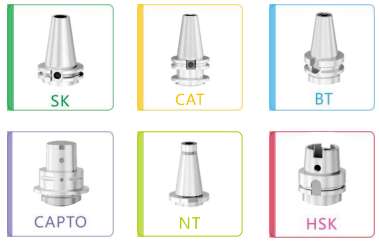
规格型号 / Model	DK90–BT40–SDC04–1515
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D20.5
夹持范围 / Clamping Range	D4
攻牙范围 / Tapping	铣牙/ Thread Milling
最大扭矩 / Max. Torque	2.8 Nm
铣头重量 / WT	4.8 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-SDC04-1515

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD20.5

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

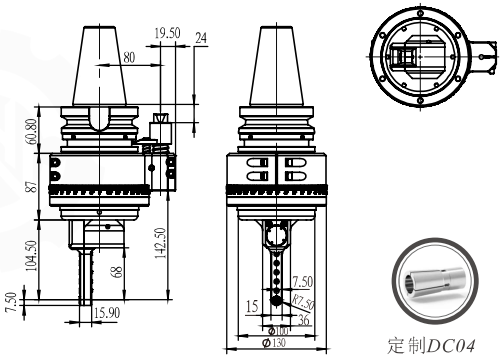
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D20.5

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制*DC04*
Custom

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT50–SDC04–1515
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D20.5
夹持范围 / Clamping Range	D4
攻牙范围 / Tapping	铣牙/ Thread Milling
最大扭矩 / Max. Torque	2.8 Nm
铣头重量 / WT	11.06 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-ER32-600-2X

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD190

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

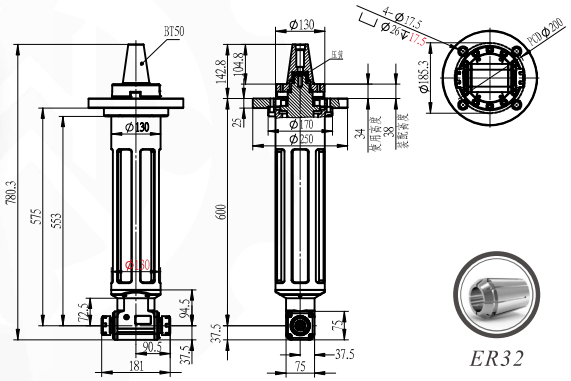
1. The shell is made of QT500-7, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D190

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER32

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–ER32–600–2X
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000 rpm
主轴转向 / Output Rotation	CW–CW/CW–CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D190
夹持范围 / Clamping Range	D1–D20
攻牙范围 / Tapping	M4–M16
最大扭矩 / Max. Torque	60 Nm
铣头重量 / WT	45 kg
库存情况 / Inventory	/
非标定制 / Custom	支持 / Customization

DK90
BT50-ER32-1140
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距， 低噪音.

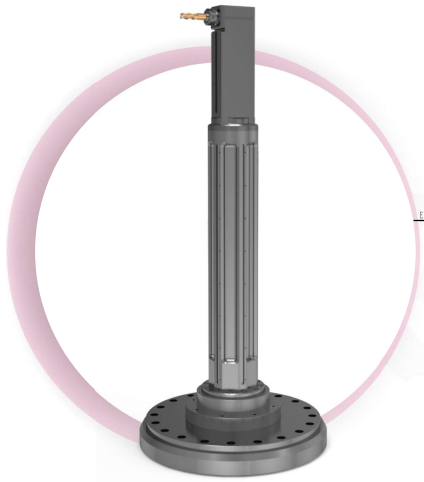
4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

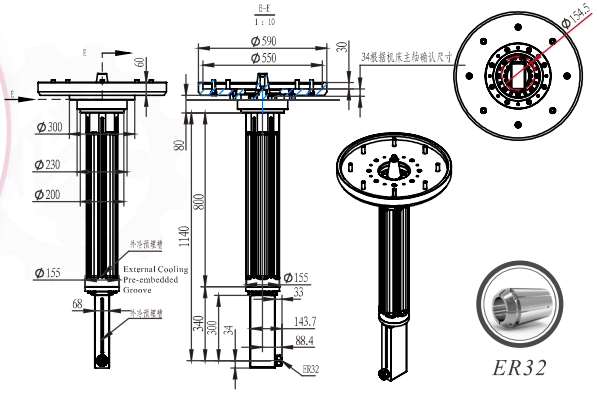
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER32

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT50–ER32–1140
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	2500 rpm
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D155
夹持范围 / Clamping Range	D3–D20
攻牙范围 / Tapping	M4–M16
最大扭矩 / Max. Torque	45 Nm
铣头重量 / WT	140 kg
库存情况 / Inventory	/
非标定制 / Custom	支持 / Customization

备注： 特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-D16ML-170

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD95

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

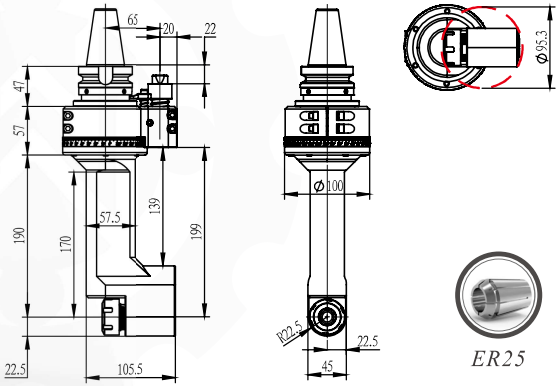
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D95

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT40-D16ML-170
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D96
夹持范围 / Clamping Range	D1-D16
攻牙范围 / Tapping	M4-M14
最大扭矩 / Max. Torque	46 Nm
铣头重量 / WT	6.207 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

Dk90
BT40-D40L

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD52

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

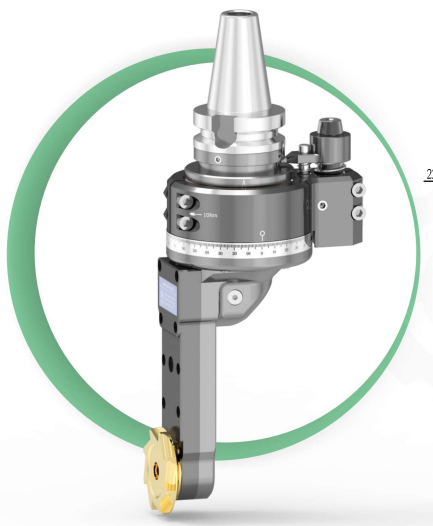
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

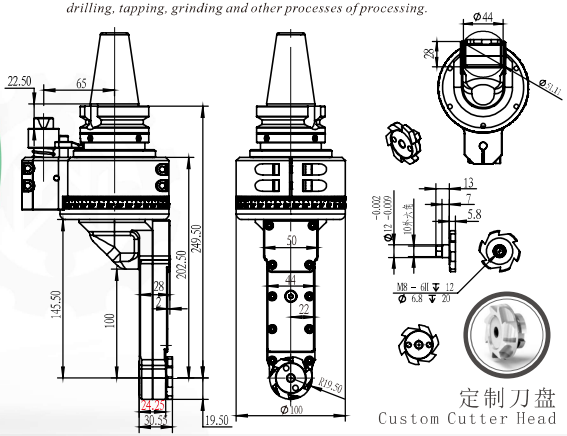
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D52

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘
Custom Cutter Head

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT40-D40L
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000 rpm
主轴转向 / Output Rotation	CCW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D52
夹持范围 / Clamping Range	螺丝对拉锁紧/Tighten screw. D12-H10
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	30 Nm
铣头重量 / WT	8.78 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
D31.75-2X-200
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD118

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

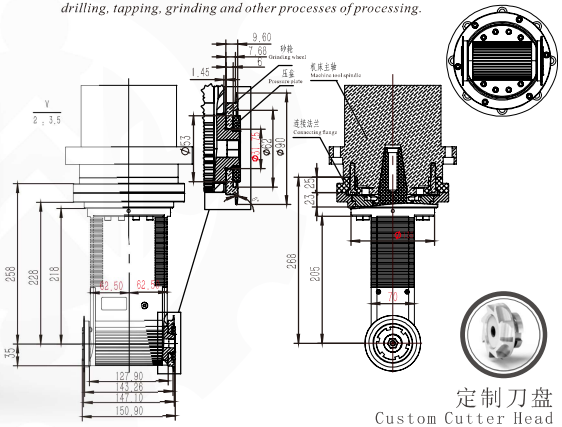
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D118

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘
Custom Cutter Head

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-D31.75-2X-200 法兰连接 / Flange connection
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	输入/Input4000 输出/Output 12800
主轴转向 / Output Rotation	CW-CW/CW-CCW
传动比例 / Gear Ratio	1:3.2 (增速 Speed Increasing)
通过直径 / Clearance Diameter	D118
夹持范围 / Clamping Range	D31.75
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	30 Nm
铣头重量 / WT	23.5 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

DK90
BT40-Z13M-300
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD83

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

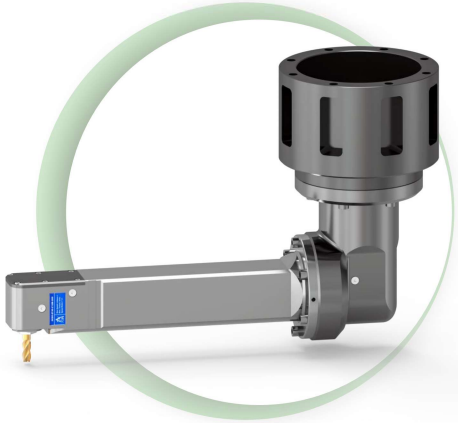
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

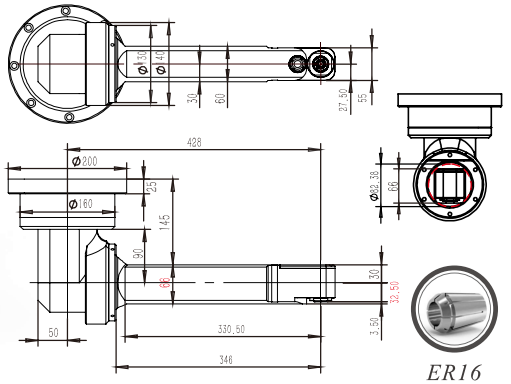
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D83

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT40-Z13M-300 法兰连接 / Flange connection
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	4500rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D83
夹持范围 / Clamping Range	D31.75
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	30 Nm
铣头重量 / WT	23.5 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK00
BT40-ER20-3X
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD115

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D115

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

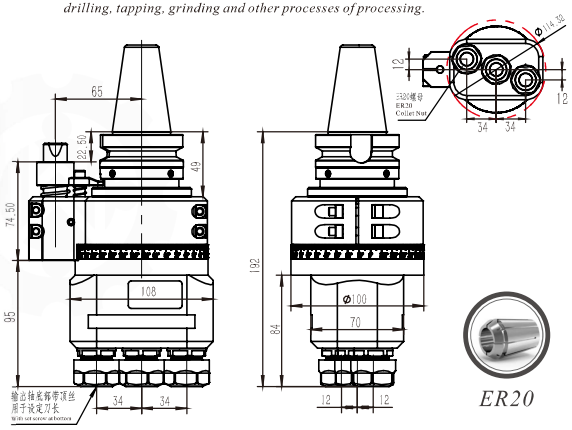
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER20

HAIWANJINGGONG ◆铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK00–BT40–ER20–2X 法兰连接 / Flange connection
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	7000 rpm
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D115
◆ 夹持范围 / Clamping Range	D1–D13
◆ 攻牙范围 / Tapping	M4–M10
◆ 最大扭矩 / Max. Torque	28 Nm
◆ 铣头重量 / WT	6.1kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持 / Customization

Dk90
BT40-D28-F10

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500–7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD31

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D31

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

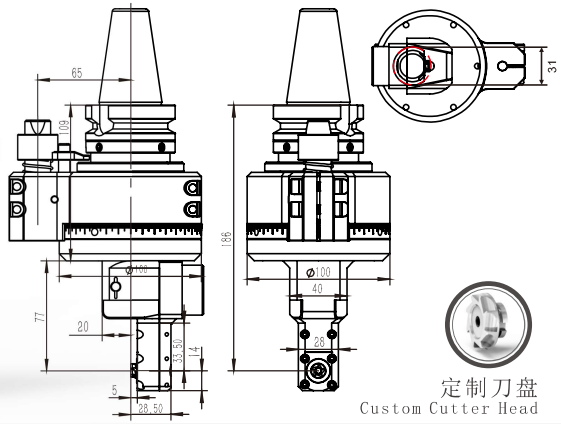
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







定制刀盘
Custom Cutter Head

HAIWANJINGGONG ◆铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90–BT40–D28–F10
◆ 驱动刀柄 / Cono Shank	BT40
◆ 其它刀柄 / More Cono Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	6000rpm
◆ 主轴转向 / Output Rotation	CW–CW
◆ 传动比例 / Gear Ratio	1:1
◆ 通过直径 / Clearance Diameter	D31
◆ 夹持范围 / Clamping Range	D5–M5
◆ 攻牙范围 / Tapping	/
◆ 最大扭矩 / Max. Torque	10.8Nm
◆ 铣头重量 / WT	5 kg
◆ 库存情况 / Inventory	/
◆ 非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK00
BT40-ER20-3X
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD130

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

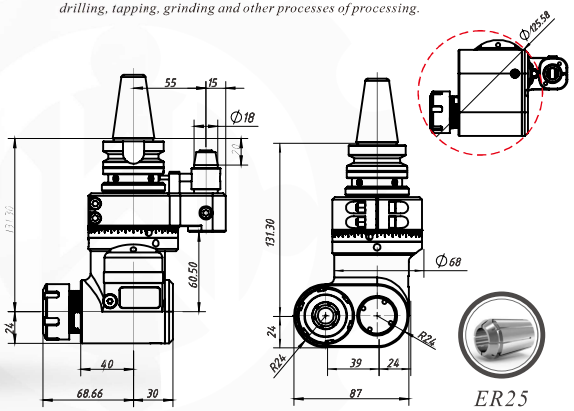
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D130

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT30-C-ER25-39
驱动刀柄 / Cono Shank	BT30
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D130
夹持范围 / Clamping Range	D3-D16
攻牙范围 / Tapping	M4-M10
最大扭矩 / Max. Torque	30 Nm
铣头重量 / WT	2.5 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

Dk90
BT30-400D92

加注油脂型号：美孚XHP222
Recommended Grease: Mobilgrease XHP 222

满载连续加工2小时后须停机15分钟
After 2 hours of full-load continuous machining, a 15-minute shutdown is required for cooling.

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD120

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

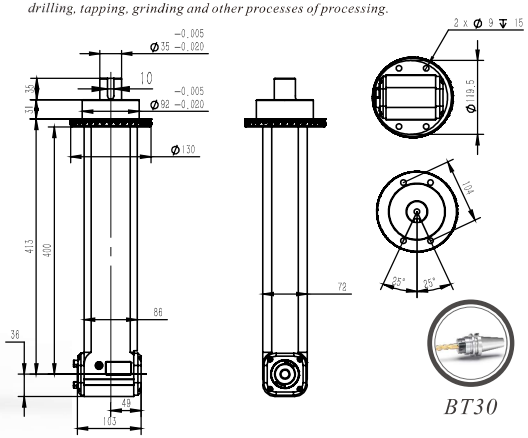
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D120

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





BT30

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT30-400D92
驱动刀柄 / Cono Shank	H10 键槽卡块 / Keyway drive block
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	3000rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D120
夹持范围 / Clamping Range	BT30
攻牙范围 / Tapping	M4-M16
最大扭矩 / Max. Torque	65 Nm
铣头重量 / WT	18 kg
库存情况 / Inventory	/
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
ER40-400D92

加注油脂型号：美孚XHP222
Recommended Grease: Mobilgrease XHP 222

满载连续加工2小时后须停机15分钟
After 2 hours of full-load continuous machining, a 15-minute shutdown is required for cooling.

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

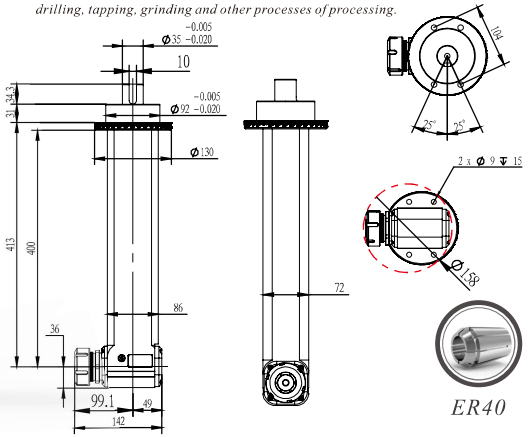
适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD158
2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.
3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D158
2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.
4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER40

HAIWANJIANGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-ER40-400D92
驱动刀柄 / Cono Shank	H10键槽卡块
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1 : 1
通过直径 / Clearance Diameter	D158
夹持范围 / Clamping Range	D3-D26
攻牙范围 / Tapping	M4-M16
最大扭矩 / Max. Torque	65 Nm
铣头重量 / WT	18 kg
库存情况 / Inventory	/
非标定制 / Custom	支持 / On Request

Dk90
ER25-H300
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

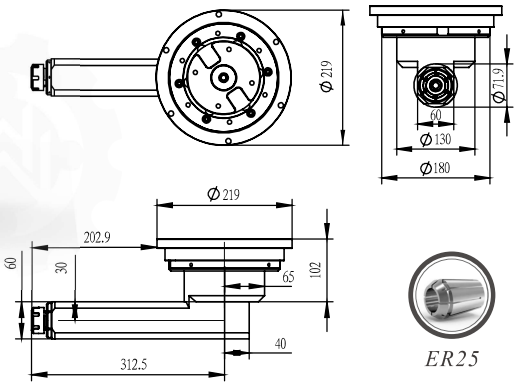
适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD72
2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.
3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D72
2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.
4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

HAIWANJIANGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-ER25-H300 法兰连接 / Flange connection
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	4500 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1 : 1
通过直径 / Clearance Diameter	D72
夹持范围 / Clamping Range	D3-D16
攻牙范围 / Tapping	M4-M14
最大扭矩 / Max. Torque	46 Nm
铣头重量 / WT	25.96 kg
库存情况 / Inventory	/
非标定制 / Custom	支持 / On Request

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-Z10-250

刀克角度头 – DAOKE ANGLE HEAD

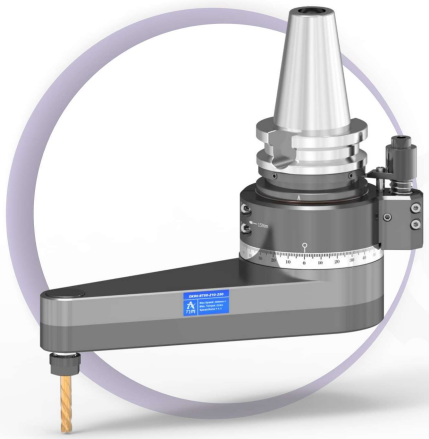
产品特点 / FEATURES

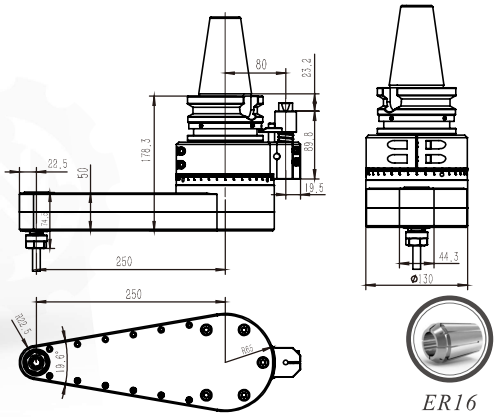
适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。
2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.
3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics.
2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.
4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT50-Z10-250
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	/
夹持范围 / Clamping Range	D4-D10
攻牙范围 / Tapping	M4-M10
最大扭矩 / Max. Torque	23 Nm
铣头重量 / WT	14 kg
库存情况 / Inventory	/
非标定制 / Custom	支持 / Customization

Dk90
BT50-Z13-145

刀克角度头 – DAOKE ANGLE HEAD

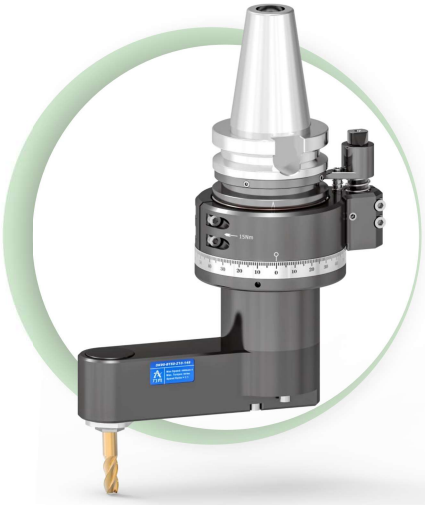
产品特点 / FEATURES

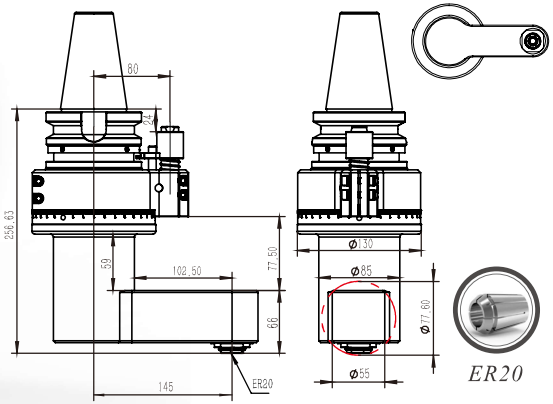
适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过ΦD78
2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.
3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D78
2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.
4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT50-Z13-145
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D78
夹持范围 / Clamping Range	D3-D13
攻牙范围 / Tapping	M5-M10
最大扭矩 / Max. Torque	30 Nm
铣头重量 / WT	12 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-Z90SL

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD105

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

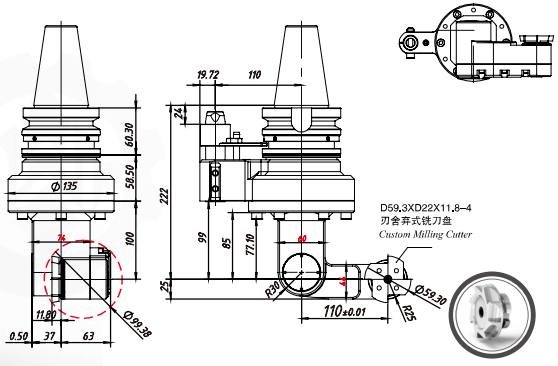
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D105

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘
Custom Cutter Head

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-Z90SL
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	3500 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1 : 1
通过直径 / Clearance Diameter	D105
夹持范围 / Clamping Range	D22
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	46 Nm
铣头重量 / WT	15.86 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

Dk90
BT50-Z90SR

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD105

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

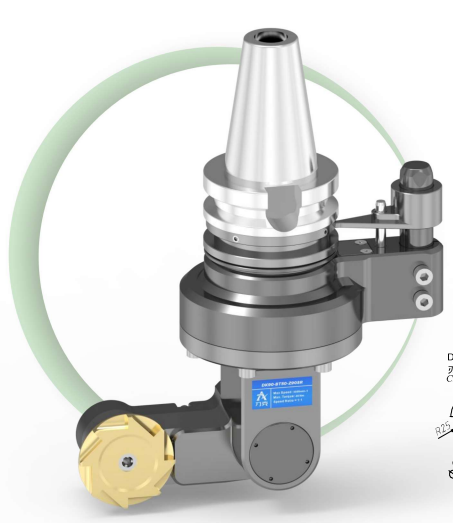
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

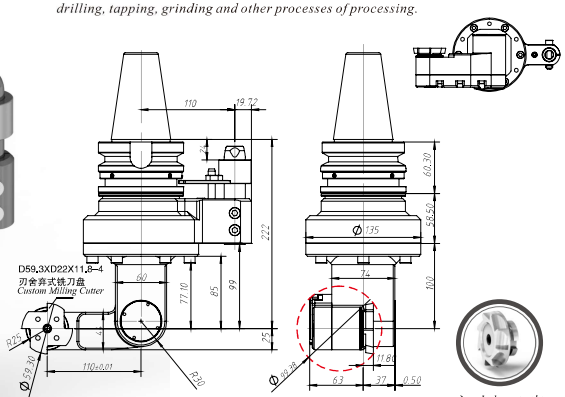
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D105

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘
Custom Cutter Head

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-Z90SR
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	3500rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1 : 1
通过直径 / Clearance Diameter	D105
夹持范围 / Clamping Range	D22
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	46 Nm
铣头重量 / WT	15.82 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-Z450
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD20*40

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

*1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D20*40*

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

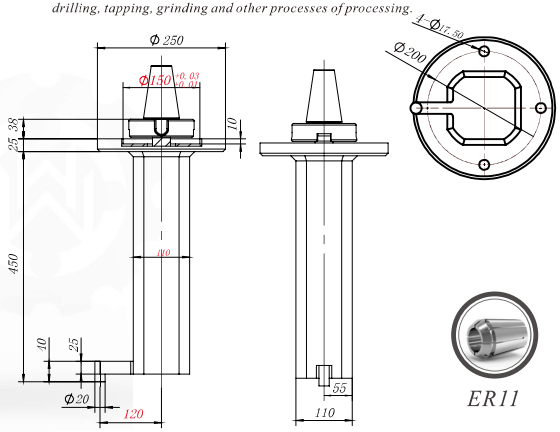
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER11

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-Z450 法兰连接 / Flange connection
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1 : 1
通过直径 / Clearance Diameter	D20*40
夹持范围 / Clamping Range	D3/D4
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	4.3 Nm
铣头重量 / WT	50 kg
库存情况 / Inventory	/
非标定制 / Custom	支持 / Customization

Dk90
BT50-ACF32-230L
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD146

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D146

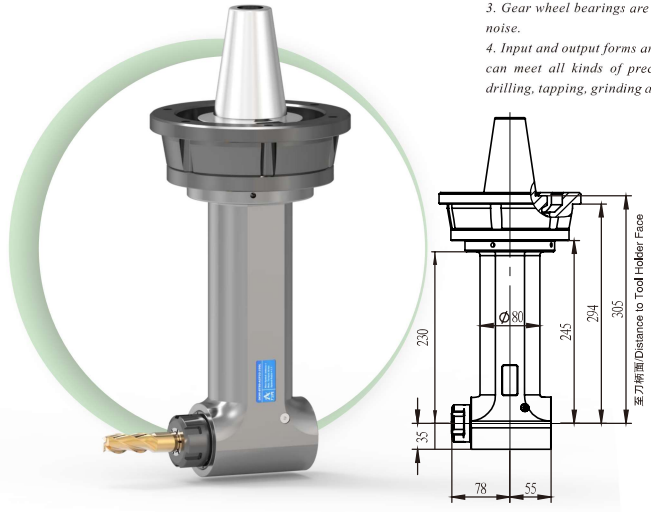
2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

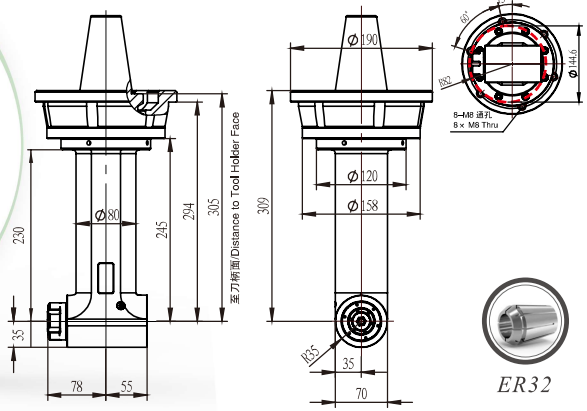
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER32

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-ACF32-230L 法兰连接 / Flange connection
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	3000rpm
主轴转向 / Output Rotation	CW-CCW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D146
夹持范围 / Clamping Range	D1-D20
攻牙范围 / Tapping	M4-M16
最大扭矩 / Max. Torque	65 Nm
铣头重量 / WT	18.64 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-ER16S-2X-H29
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD100

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

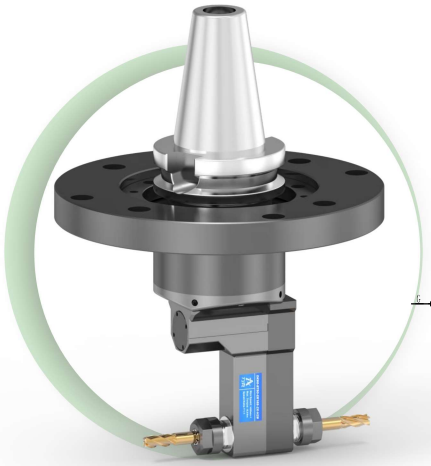
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

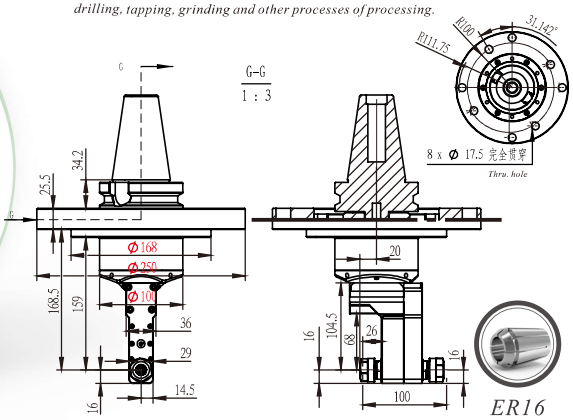
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D100

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-ER16S-2X-H29 法兰连接 / Flange connection
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	3500rpm
主轴转向 / Output Rotation	CW-CW/CCW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D3-D10
攻牙范围 / Tapping	M4-M6
最大扭矩 / Max. Torque	16.8 Nm
铣头重量 / WT	16.55 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

Dk90
BT50-F40-H30L150

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD55

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

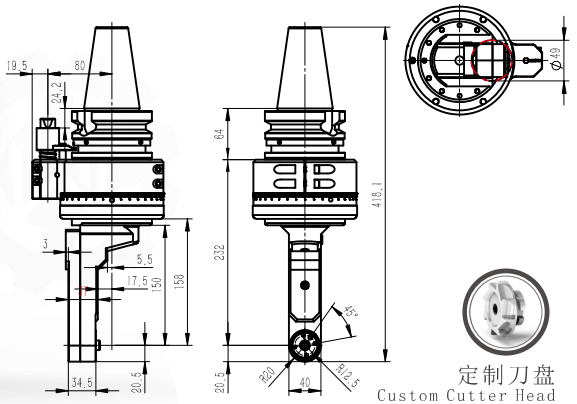
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D55

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘
Custom Cutter Head

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-F40-H30L150
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CCW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D55
夹持范围 / Clamping Range	D12
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	30Nm
铣头重量 / WT	11.81kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-FMB27ML

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD135

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

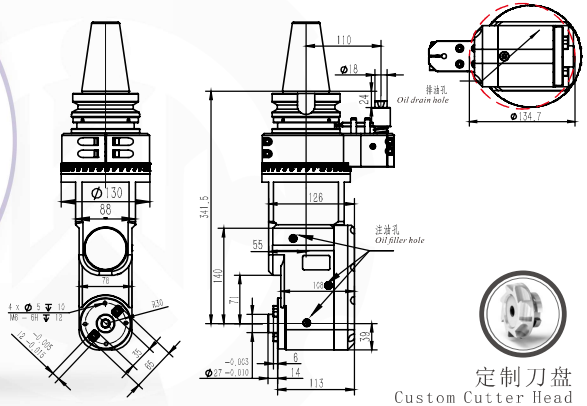
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D135

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘
Custom Cutter Head

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-FMB27ML
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	2000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D135
夹持范围 / Clamping Range	D27
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	80Nm
铣头重量 / WT	17.06kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

Dk90
BT50-F128-2X
法兰盘链接 / Flange connection

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD200

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

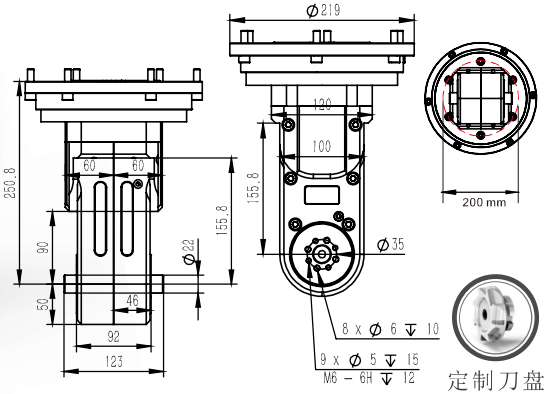
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D200

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘
Custom Cutter Head

HAIWANJINGGONG 铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-F128-2X 法兰连接 / Flange connection
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	2000rpm
主轴转向 / Output Rotation	CW-CW/CCW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D200
夹持范围 / Clamping Range	D22-M6*4 螺丝锁紧/ *Screw tightening*
攻牙范围 / Tapping	M4-M6
最大扭矩 / Max. Torque	16.8 Nm
铣头重量 / WT	16.55 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-H36-L97

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD60

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

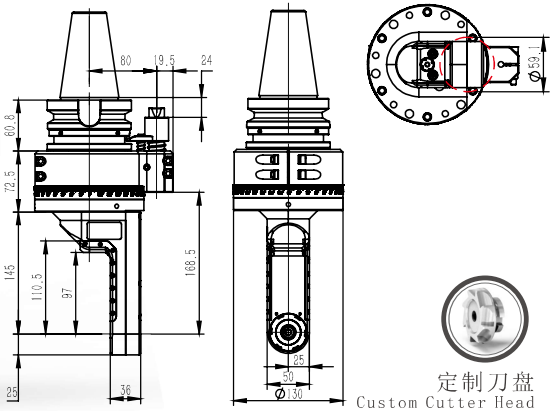
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D60

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘 Custom Cutter Head

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-H36-L97
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D60
夹持范围 / Clamping Range	D1-D16
攻牙范围 / Tapping	M4-M14
最大扭矩 / Max. Torque	46Nm
铣头重量 / WT	12.67kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

Dk90
BT50-H38-L60

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD60

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

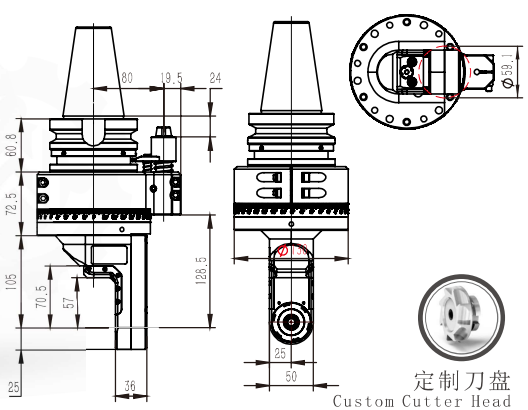
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D60

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘 Custom Cutter Head

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-H38-L60
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D60
夹持范围 / Clamping Range	D1-D16
攻牙范围 / Tapping	M4-M14
最大扭矩 / Max. Torque	46Nm
铣头重量 / WT	12.91kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-R50-2XB

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD78

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

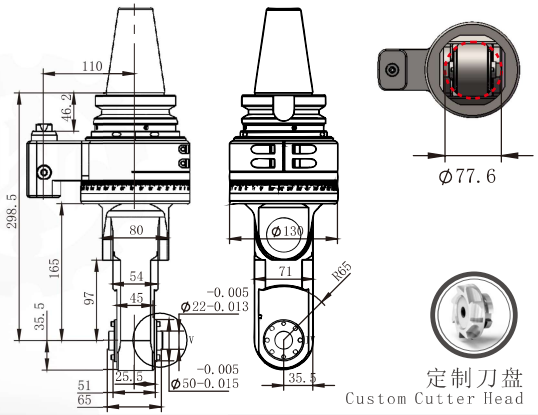
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D78

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘
Custom Cutter Head

HAIWANJINGGONG 铣头参数表 PARAMETERS

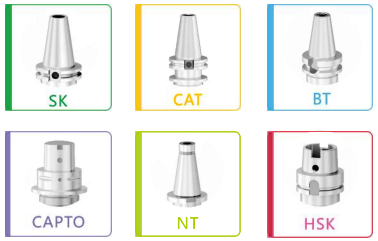
◆ 规格型号 / Model	DK90-BT50-R50-2XB
◆ 驱动刀柄 / Cono Shank	BT50
◆ 其它刀柄 / More Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	2500 rpm
◆ 主轴转向 / Output Rotation	CW-CW/CCW-CW
◆ 传动比例 / Gear Ratio	1.35 : 1(减速)Speed Increasing
◆ 通过直径 / Clearance Diameter	D78
◆ 夹持范围 / Clamping Range	D40-F90-F120
◆ 攻牙范围 / Tapping	/
◆ 最大扭矩 / Max. Torque	46 Nm
◆ 铣头重量 / WT	15.36 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持 / Customization

Dk90
BT50-R63-2X

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD111

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

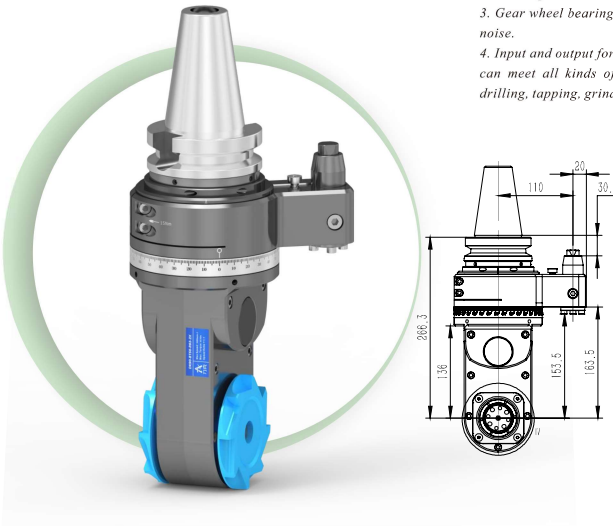
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

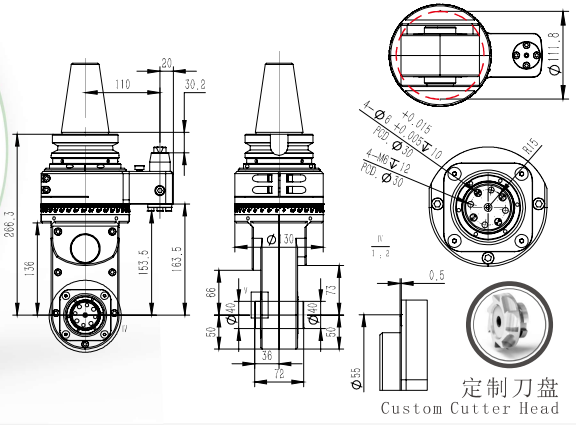
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D111

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘
Custom Cutter Head

HAIWANJINGGONG 铣头参数表 PARAMETERS

◆ 规格型号 / Model	DK90-BT50-R63-2X
◆ 驱动刀柄 / Cono Shank	BT50
◆ 其它刀柄 / More Cono Shank	支持 / Can Be Used
◆ 最高转速 / Max.RPM	输入/Input 3000rpm
◆ 主轴转向 / Output Rotation	CW-CW/CW-CCW
◆ 传动比例 / Gear Ratio	1.5:1 (减速/*Speed reduction*)
◆ 通过直径 / Clearance Diameter	D111
◆ 夹持范围 / Clamping Range	定制刀盘/*Custom cutter head*
◆ 攻牙范围 / Tapping	/
◆ 最大扭矩 / Max. Torque	65 Nm
◆ 铣头重量 / WT	17.5 kg
◆ 库存情况 / Inventory	常备库存 / Stock
◆ 非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-R56-R70

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD155

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

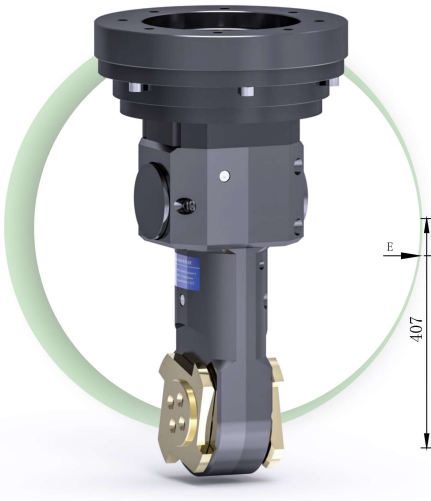
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

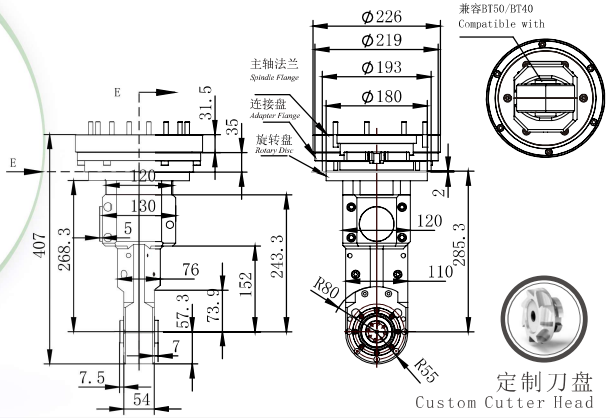
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D155

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘
Custom Cutter Head

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-R56-R70-2X
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	2000rpm
主轴转向 / Output Rotation	CW-CW/CCW-CW
传动比例 / Gear Ratio	1.5 : 1 (减速)Speed Increasing
通过直径 / Clearance Diameter	D155
夹持范围 / Clamping Range	D1-D20
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	80 Nm
铣头重量 / WT	19.84 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

Dk38.27
BT50-3M

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD45

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、 攻、 磨 等多种工序的加工 。

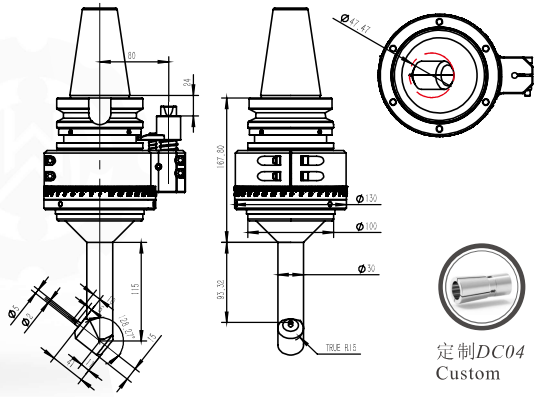
1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D45

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制DC04
Custom

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK38. 27-BT50-3M
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D45
夹持范围 / Clamping Range	D3
攻牙范围 / Tapping	铣牙/Thread Milling
最大扭矩 / Max. Torque	3.8 Nm
铣头重量 / WT	11.5 kg
库存情况 / Inventory	/
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

Dk90
BT50-DC6-D53-600

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD53

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D53

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

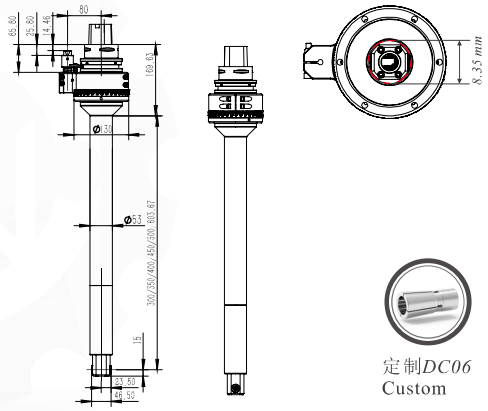
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







定制DC06
Custom

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-DC6-D53-600
驱动刀柄 / Cono Shank	Bt50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D53
夹持范围 / Clamping Range	D4/D3/D3.175
攻牙范围 / Tapping	铣牙/ Thread Milling
最大扭矩 / Max. Torque	8.8 Nm
铣头重量 / WT	20kg
库存情况 / Inventory	/
非标定制 / Custom	支持 / Customization

Dk90
C8-C4MZ-#2

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用QT500-7通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

1. The shell is made of QT500-7 through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics.

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

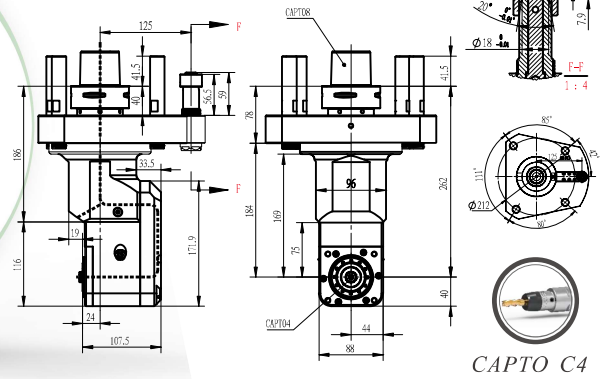
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







CAPTO C4

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-C8-C4MZ-#2
驱动刀柄 / Cono Shank	CAPT08
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000rpm
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1 : 1
承受水压 / Max. Water Pressure	Max50bar
夹持范围 / Clamping Range	CAPT04
攻牙范围 / Tapping	M5-M16
最大扭矩 / Max. Torque	75 Nm
铣头重量 / WT	16.5 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持 / Customization

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-D48
卡钳-反转 Reverse Of Caliper

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD63

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

1. The shell is made of 40Cr through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D63

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

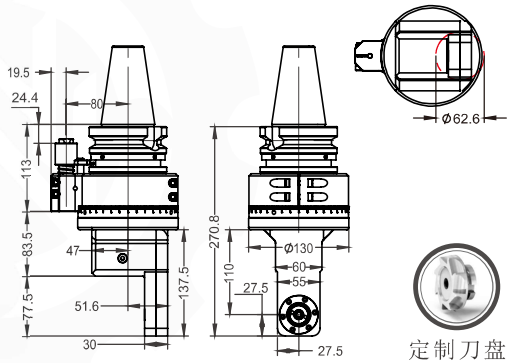
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







定制刀盘
Custom Cutter Head

铣头参数表 PARAMETERS

规格型号 / Model	DK9–BT50–D48 /卡钳-反转 Reverse Of Caliper
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	2000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D63
夹持范围 / Clamping Range	D12
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	35.Nm
铣头重量 / WT	12.337 kg
库存情况 / Inventory	/
非标定制 / Custom	支持/Provide Services

HAIWANJINGGONG

DK90
BT50-D48
卡钳-正转 Forward Turning Calipers

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD63

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D63

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

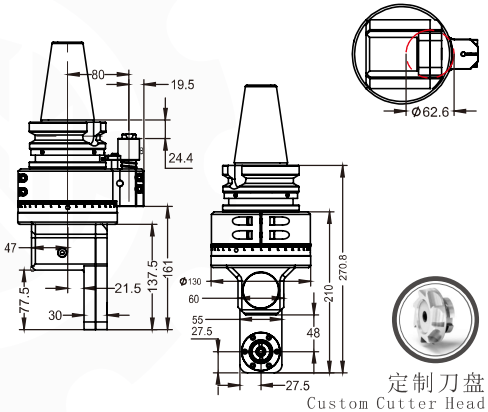
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







定制刀盘
Custom Cutter Head

铣头参数表 PARAMETERS

规格型号 / Model	DK9–BT50–D48 /卡钳-正转 Forward Turning Calipers
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	2000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D63
夹持范围 / Clamping Range	D12
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	35. Nm
铣头重量 / WT	12.367 KG
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

HAIWANJINGGONG

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-AER25M

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD95

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

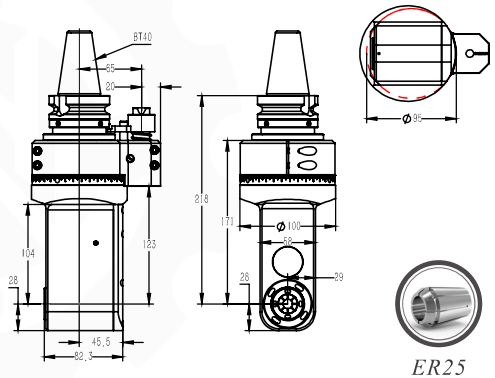
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D95

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90–BT40–AER25M
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D95
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	5.566 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-ER25L

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用QT500–7，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD142

2.主传动轴选用特殊合金材料，经过精准的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿轮轴承均采用原装进口， 保证了传动的高扭距，低噪音.

4. 输入与输出形式多样灵活， 不限于BT或ER接口，可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

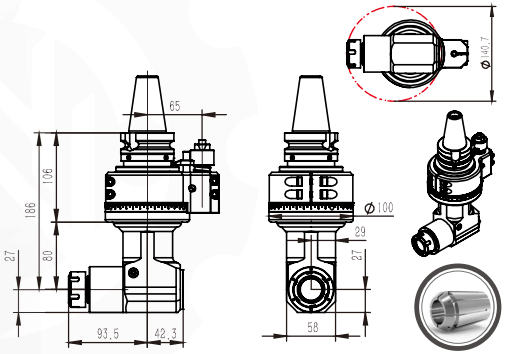
1. The shell is made of QT500-7, through aging treatment, precision processing, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D142

2. The main drive shaft is made of special alloy material, processed by precise heat treatment process, and finally finely ground and formed to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER25

铣头参数表 PARAMETERS

HAIWANJINGGONG

规格型号 / Model	DK90-BT40-ER25L
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6800RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D142
夹持范围 / Clamping Range	D1–D16
攻牙范围 / Tapping	M4–M14
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	6.679 KG
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-FMB22M-F63

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD22

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

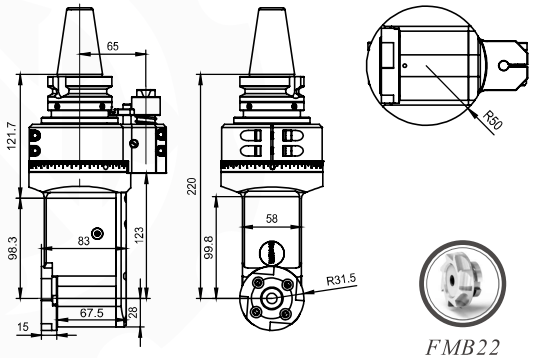
1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D22

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





FMB22

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–FMB22M–F63
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D100
夹持范围 / Clamping Range	D22
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	46. Nm
铣头重量 / WT	5.653 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-FMB22M

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD108

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

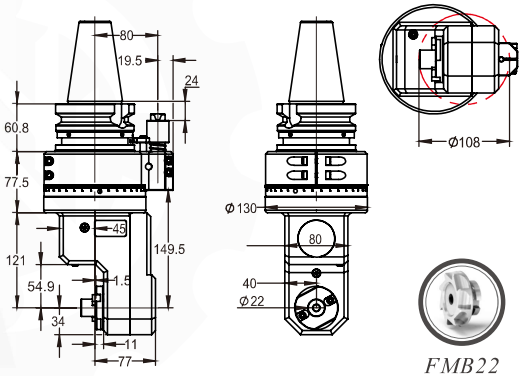
1. The shell is made of Aviation aluminium, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D108

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





FMB22

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-FMB22M
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D108
夹持范围 / Clamping Range	FMB22M
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	65. Nm
铣头重量 / WT	15.6 KG
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-D30-001

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD65

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

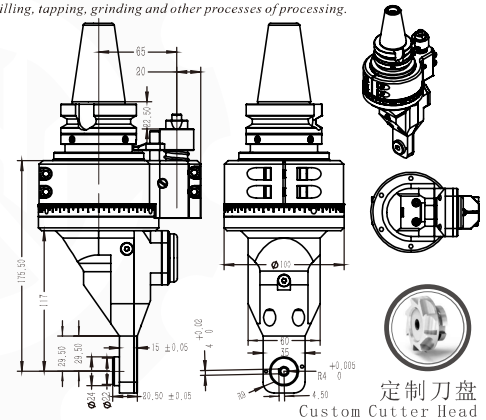
1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D65

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘 Custom Cutter Head

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–D30–001
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1.5
通过直径 / Clearance Diameter	D65
夹持范围 / Clamping Range	D8
攻牙范围 / Tapping	外冷 / External cooling
最大扭矩 / Max. Torque	18. Nm
铣头重量 / WT	5.8 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-D30-002

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD65

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

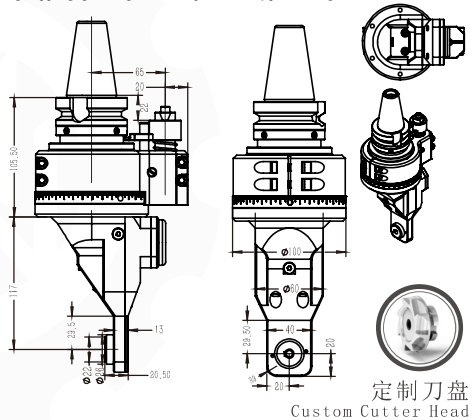
1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D65

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘 Custom Cutter Head

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT40-D30-002 / 镗孔 / Boring
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1.5
通过直径 / Clearance Diameter	D65
夹持范围 / Clamping Range	D8
攻牙范围 / Tapping	外冷 / External cooling
最大扭矩 / Max. Torque	18. Nm
铣头重量 / WT	5.8 KG
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-D30-003

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD65

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D65

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

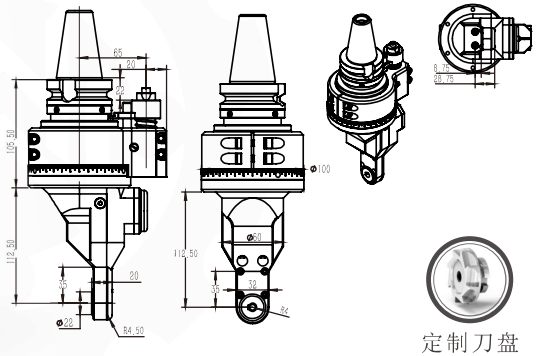
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







定制刀盘
Custom Cutter Head

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–D30–003 面铣 / Surface Milling
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1.6875
通过直径 / Clearance Diameter	D65
夹持范围 / Clamping Range	D8
攻牙范围 / Tapping	外冷 / External cooling
最大扭矩 / Max. Torque	18. Nm
铣头重量 / WT	5.8 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-F25-2X

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过 26*58

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨等多种工序的加工 。

*1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi 26*58*

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

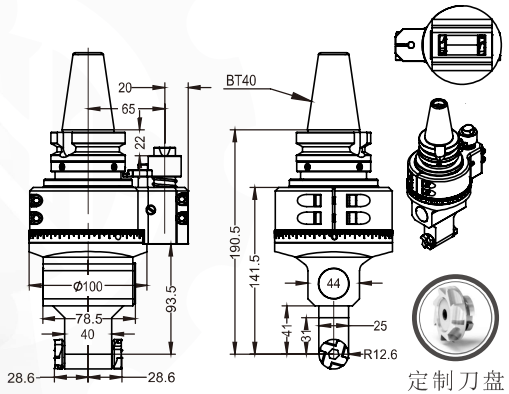
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







定制刀盘
Custom Cutter Head

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT40-F25-2X
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	26*58
夹持范围 / Clamping Range	D10
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	26. Nm
铣头重量 / WT	4.880 KG
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT40-PER16-127

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD52

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

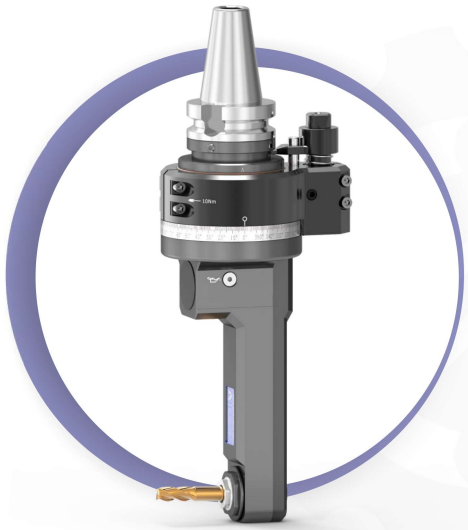
4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

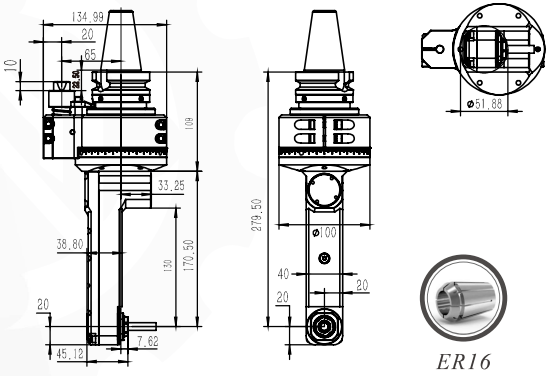
1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D52

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–PER16–127
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D52
夹持范围 / Clamping Range	D4–D10
攻牙范围 / Tapping	M4–M8
最大扭矩 / Max. Torque	23. Nm
铣头重量 / WT	6 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT40-PER16-59-FMB

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

适配刀柄 Compatible taper shank



1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过 φD56

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

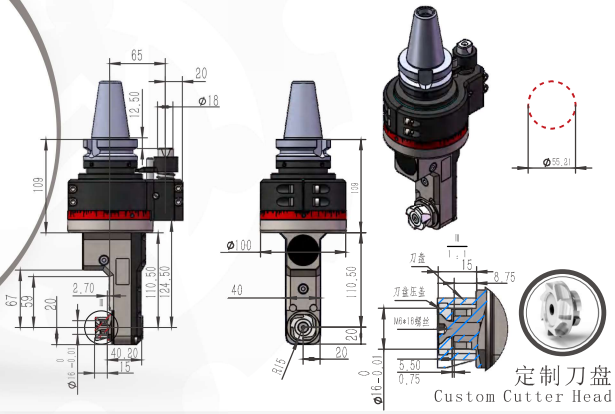
1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D56

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.





定制刀盘 Custom Cutter Head

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90–BT40–PER16–59–FMB
驱动刀柄 / Cono Shank	BT40
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	6000 RPM
主轴转向 / Output Rotation	CW–CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D56
夹持范围 / Clamping Range	FMB16
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	23. Nm
铣头重量 / WT	6 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

DK90
BT50-FMB22M

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用航空铝,通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过φD108

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

1. The shell is made of aviation aluminum, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D108

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

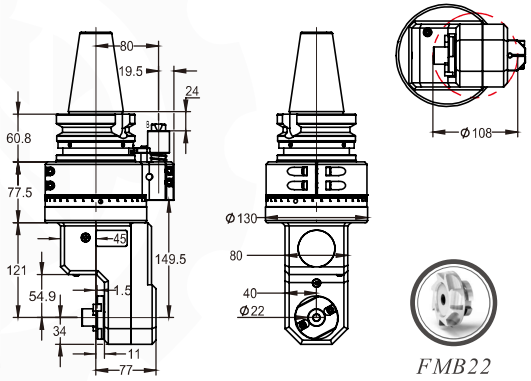
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







FMB22

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-FMB22M
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Shank	支持 / Can Be Used
最高转速 / Max.RPM	4000 RPM
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D108
夹持范围 / Clamping Range	FMB22
攻牙范围 / Tapping	/
最大扭矩 / Max. Torque	65. Nm
铣头重量 / WT	15.6 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

DK90
BT50-PER16

刀克角度头 – DAOKE ANGLE HEAD

产品特点 / FEATURES

1.壳体采用40Cr，通过时效处理，精密加工成型，具有高刚性，高精度，长寿命等特点。允许最小通过 φD51

2.主传动轴选用特殊合金材料，经过严格的热处理工艺加工，最终精密研磨成型，实现传动的高稳定性.

3.齿 轮轴承均采用原装进口，保证了传动的高扭距,低噪音.

4.输入与输出形式多样灵活，不限于BT或ER接口,可以满足各类精密加工设备使用，可用于铣、钻、攻、磨 等多种工序的加工 。

1. The shell is made of 40Cr, through aging treatment, precision machining, with high rigidity, high precision, long life and other characteristics. The minimum pass allowed Phi D51

2. The main drive shaft is made of special alloy material, processed by strict heat treatment process, and finally finely ground to achieve high transmission stability.

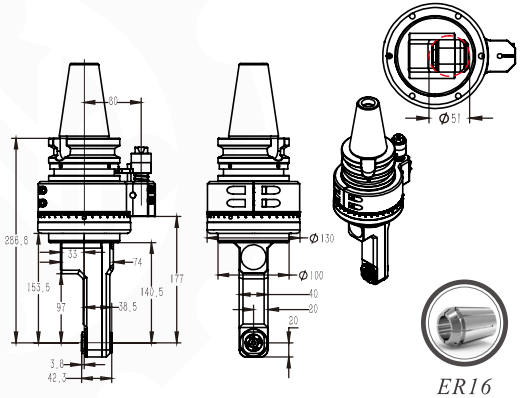
3. Gear wheel bearings are imported to ensure the transmission of high torque, low noise.

4. Input and output forms are diverse and flexible, not limited to BT or ER interface, can meet all kinds of precision machining equipment, can be used for milling, drilling, tapping, grinding and other processes of processing.

适配刀柄 Compatible taper shank







ER16

HAIWANJINGGONG

铣头参数表 PARAMETERS

规格型号 / Model	DK90-BT50-PER16
驱动刀柄 / Cono Shank	BT50
其它刀柄 / More Cono Shank	支持 / Can Be Used
最高转速 / Max.RPM	5000RPM
主轴转向 / Output Rotation	CW-CW
传动比例 / Gear Ratio	1:1
通过直径 / Clearance Diameter	D51
夹持范围 / Clamping Range	D1-D10
攻牙范围 / Tapping	铣牙 / Thread milling
最大扭矩 / Max. Torque	18. Nm
铣头重量 / WT	10.074 kg
库存情况 / Inventory	常备库存 / Stock
非标定制 / Custom	支持/Provide Services

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

产品展示 / Products



◈ 生产车间 / Production Workshop



◈ 生产车间 / Production Workshop





◈ 生产车间 / Production Workshop



◈ 生产车间 / Production Workshop

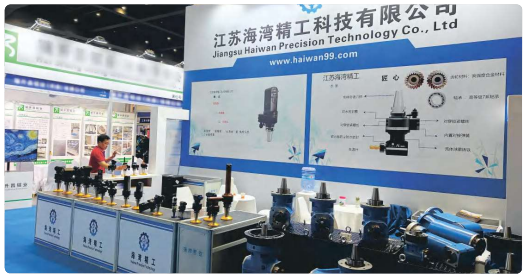
会展实录 / Trade Show



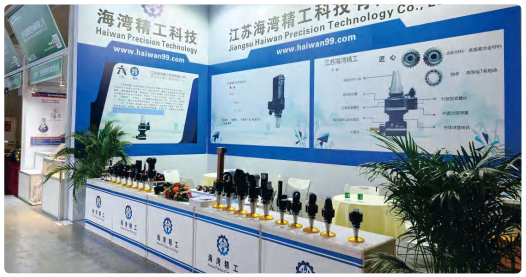
– 展会现场 / Exhibition –



– 展会现场 / Exhibition –



– 展会现场 / Exhibition –



– 展会现场 / Exhibition –



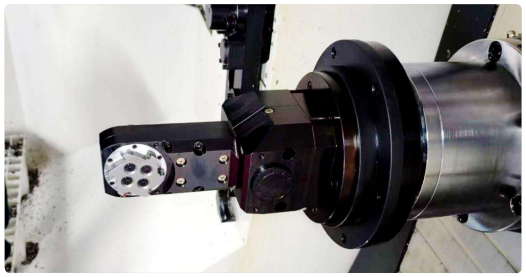
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– 展会现场 / Exhibition –

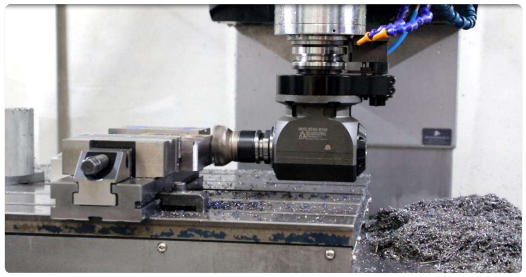
备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!

加工案例 / Example



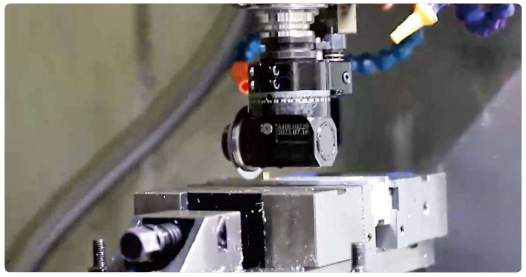
BT40-F90-2X 双刀盘切削

– 加工案例 / Example –



BT50-BT40-80 铣削

– 加工案例 / Example –



BT30 锯片加工

– 加工案例 / Example –



BT40-ER25-2X 双出角度头铣削

– 加工案例 / Example –



BT50–BT40 重型龙门延伸铣头

– 加工案例 / Example –



BT50–BT40 龙门加长延伸铣头

– 加工案例 / Example –

专注加工定制 – 角度头 侧铣头

FOCUS ON MACHINING CUSTOMIZATION
- ANGLE HEAD, SIDE MILLING HEAD

备注：特殊需求可按客户要求，非标定制！
Note: special requirements according to customer's requirements, non-standard custom!