

· 百斯图工具 ·

SofTool
Manufacturing
Co., Ltd.

百斯图工具制造有限公司

是刀具
更是艺术
TOOLING
ALSO ARTS

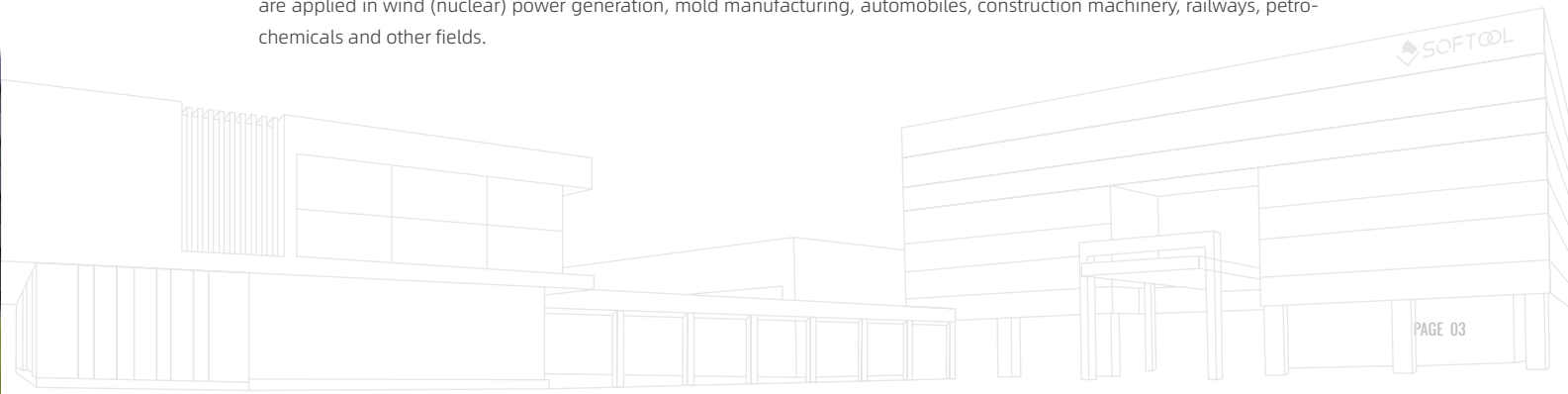


- 百斯图工具隶属于厦门钨业股份有限公司，是一家专注于金属切削刀体的高新技术企业。集产品研发、工艺设计、生产制造、OEM/ODM 代工、产品销售为一体的刀体制造企业。

SofTool is a member of Xiamen Tungsten Co., Ltd. It is a high-tech enterprise focusing on metal cutting tool bodies. As a steel product manufacturing enterprise integrating product research and development, process design, manufacturing, OEM/ODM, and product sales.

- 为全球客户专业提供液压刀柄、热装刀柄、镗刀、PSC 产品、夹具、减振杆、曲轴、型线刀具、铣刀体、钻杆等产品及个性化专属解决方案，产品应用覆盖了风（核）能发电、模具制造、汽车、工程机械、铁路、石油化工等各个领域。

We provide professional cutter tools and personalized and exclusive solutions for hydraulic chuck, shrink-fit chuck, boring tools, PSC product, chucks, damped tools, crank shaft, milling tool bodies, drilling stem for global customers. Our products are applied in wind (nuclear) power generation, mold manufacturing, automobiles, construction machinery, railways, petrochemicals and other fields.



数读百斯图

HONOR AND PATENTS
OF SOFTOOL10+ 行业奖项
Industry awards 10+

- 创新产品优秀奖
- 切削刀具用户最具潜力品牌奖
- 2023 中国金属加工创新产品奖
- 荣格技术创新奖
- 第二届切削刀具产品创新奖-金锋奖
-

100+ 新型专利
Utility model patents 100+

- 超强排屑快进给型腔铣刀
- 粗精一体圆柱销调节小直径镗刀
- 一种新型精镗连杆刀具
- 一种不使用刀夹的大直径深孔钻
- 一种新型易拆卸密封柱塞
- 一种新型小直径仿形铣铣刀
- 防震玉米铣刀
- 可换刀夹式刀盘
- 深孔扩孔钻
- 整体钻刀具
- 一种轴向可调节刀夹
- 一种高效切削镜面铣刀
-



多种业务模式

MULTIPLE BUSINESS
MODULESINDUSTRIAL
CUSTOMIZATION MODEL

行业定制模式

行业定制模式为客户解决曲轴、型线刀具加工等个性化专属解决方案

Industrial customization model provides customers with personalized and exclusive solutions for crankshaft and profile tool processing

NETWORK
CHANNEL MODEL

经销商模式

经销商模式为客户提供国际水准的刀具配套产品, 包括: PSC 产品、镗刀、刀柄、夹具等钢制品产品

The network channel model develops distributors to provide customers with international standardized cutting tool products, including PSC turning tool body, boring tools, hydraulic chuck, shrink chuck, chuck and other steel products

OEM/ODM MODE

OEM/ODM 模式

OEM/ODM 模式提供一站式服务, 解决铣、钻、车、镗、刀柄、夹具等产品研发 生产 质量 售后等问题, 为客户解决后顾之忧

The OEM/ODM model is to undertake all the processing business of steel products supporting tools, and provide one-stop services including product R&D, design, production and quality control. The strategic pattern of complementary resources can save the investment in machine tools and labor costs for tool companies



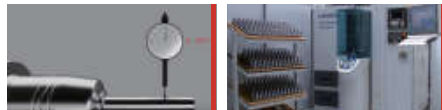
液压刀柄

HYDRAULIC
CHUCK



产品优势 PRODUCT ADVANTAGES

- 适用于钻削、铰削、镗削及铣削等切削加工
- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25000rpm 时，平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- For drilling, reaming, boring, milling, and other cutting machining
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$



SOFTOOL



应用行业 APPLICATIONS

- 应用于航空航天、模具制造、汽车制造、船舶制造、石油化工、电子制造等领域
- Can be widely used in the fields of aerospace, mold, automobile manufacturing, shipbuilding, petrochemical industry, Electronic manufacturing and so on



接口形式 | Coupling type
SK50

夹持直径 | Diameter
 $\Phi 12, \Phi 20, \Phi 32$

有效长度 | Length
110mm

磨刀机刀柄 (GM)



接口形式 | Coupling type
BT30-BT50
SK30-SK50
HSK32-HSK100 (A/C/E)
DB30-50
PSC40-PSC63

夹持直径 | Diameter
 $\Phi 6-\Phi 32$

有效长度 | Length
50-200mm

通用型 (GP)



接口形式 | Coupling type
BT30-BT50、SK40-50
DB30-40、HSK63、HSK100
PSC40-PSC63

夹持直径 | Diameter
 $\Phi 12-\Phi 32$

有效长度 | Length
50-120mm

强力型 (HQ)



接口形式 | Coupling type
BT40、HSK63、PSC63

夹持直径 | Diameter
 $\Phi 12, \Phi 20$

有效长度 | Length
155/170mm

同步攻丝液压刀柄 (TAP)



接口形式 | Coupling type
 $\Phi 12, \Phi 20, \Phi 25, \Phi 32$

夹持直径 | Diameter
 $\Phi 3-\Phi 25$

冷却方式 | Cooling mode
IC、PC

减径套 (ISL)



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规格详情

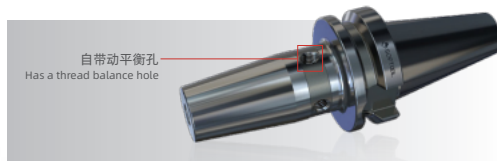
热装刀柄

SHRINK-FIT
CHUCK



产品优势
PRODUCT
ADVANTAGES

- 热装刀柄自带螺纹平衡孔，可直接装配平衡螺钉进行动平衡调整
- 适用于钻削、铰削、镗削及铣削等切削加工
- 通用型基础上增加安全锁结构，适用于难加工材料切削
- The shrink-fit chuck has a thread balance hole, which can be directly assembled with a balance screw for dynamic balance adjustment
- For drilling, reaming, boring, milling, and other cutting machining
- Add safe lock structure on the basis of general purpose type, suitable for cutting difficult-to-machine materials



SOFTOOL



应用行业
APPLICATIONS

- 应用于航空航天、模具制造、汽车制造、船舶制造、石油化工、电子制造等领域
- Can be widely used in the fields of aerospace, mold, automobile manufacturing, shipbuilding, petrochemical industry, Electronic manufacturing and so on



接口形式 | Coupling type
BT30-BT50、PSC63
SK30-SK50、DB30-50
HSK32-HSK100(A/E)

夹持直径 | Diameter
Φ3-Φ32mm

有效长度 | Length
60-200mm

通用型 (GP)



接口形式 | Coupling type
BT30-BT50、PSC63
SK30-SK50
HSK32-HSK100(A/E)

夹持直径 | Diameter
Φ3-Φ32mm

有效长度 | Length
60-200mm

通用端冷型 (GC)



接口形式 | Coupling type
SK40A
HSK32E-HSK50E
HSK63A

夹持直径 | Diameter
Φ3-Φ16mm

有效长度 | Length
60-120mm

模具型 (DM)



HAIMER 翰默
Safe-Lock 授权

接口形式 | Coupling type
SK40、BT40、HSK63

夹持直径 | Diameter
Φ6-Φ32mm

有效长度 | Length
80-120mm

安全锁型 (SC)



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规格详情

热装机及 水冷系统

SHRINK-FIT AND
COOLING SYSTEM



智能型 INTELLIGENT

01
卡扣和智能识别实现线圈更换，可装配不同直径刀具

Clips and smart recognition enable coil replacement, allowing for the assembly of tools with different diameters

02
感应线圈产生高频磁场，使刀柄产生涡流，迅速加热，提升换刀效率

The coil makes a strong magnetic field that quickly warms up the tool holder by making little whirlpools of electricity, which helps us change tools faster

03
夹持范围 | 3mm-20mm
Diameter | 3mm-20mm



智慧型 WISDOM

01
智能感应加热技术确保刀柄不过烧，延长刀柄使用寿命 20% 以上

Intelligent induction heating technology ensures that the knife handle does not overheat, extending the knife handle's lifespan by over 20%

02
特殊设计的线圈加热更均匀和高效，可实现 5 秒换刀

Specially designed coil heating ensures more uniform and efficient heating, allowing for a knife change in 5 seconds

03
夹持范围 | 3mm-32mm
Diameter | 3mm-32mm



水冷系统 COOLING SYSTEM

01
配合热装机使用，用于刀柄的冷却

02
针对本公司产品，冷却套匹配本公司出品刀柄的外形

03
快速冷却刀柄，刀柄不与冷却介质接触，延长刀柄寿命

04
模具型热装刀柄需要配套模具型刀柄转换套使用

05
夹持范围 | 3mm-32mm
Diameter | 3mm-32mm



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规格详情

镗刀 BORING TOOLS

粗镗刀 ROUGH BORING TOOLS



产品优势 PRODUCT ADVANTAGES

- 通过调整滑块可实现粗 - 半精镗一体化功能
- 高精度冷却液出水孔，使冷却液位置与刀尖随动，冷却液可直达刀口
- 航空铝桥架具有较轻的重量可减少主轴负载
- The integrated function of rough-semi-finish boring can be realized by adjusting the slider
- High-precision coolant outlet hole makes the coolant position follow up with the tool tip to ensure that the coolant can reach the cutting edge directly
- Aviation aluminum bridge with lessweight can reduce the spindle load



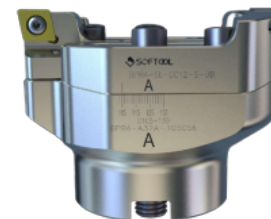
应用行业 APPLICATIONS

- 应用于航空航天、汽车、工程机械、石油、新能源、医疗、模具等领域
- Can be widely used in the fields of aerospace, automobile, construction machinery, petroleum, new energy, medical, mold and die and so on



冷却孔随动
Adjustable cooling hole

粗镗刀 BRA



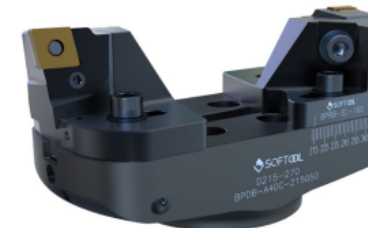
直径范围 | Processing range
25mm-160mm

刀片类型 | Insert type
CC06、CC09、CC12、
TC11、TC16、SC09、SC12

锁紧方式 | Clamping
螺钉式 Screw

接口规格 | Coupling type
CK、芯轴 Arbor

粗镗刀 BRB



直径范围 | Processing range
160mm-510mm

刀片类型 | Insert type
CC12、TC16、TC22、SC12、
CN12、CN16、CN19、SN12、SN15

锁紧方式 | Clamping
压板式 Platen、螺钉式 Screw
勾杆式 Hook

接口规格 | Coupling type
芯轴 Arbor

转接柄 ADAPTOR



CK 基础柄系列 | CK
CK 转 PSC 系列 CK connection with PSC adaptor
CK 转 HSK 系列 CK connection with HSK adaptor
CK 转 BT 系列 CK connection with BT adaptor
CK 转 SK 系列 CK connection with SK adaptor
CK 转 CK 系列 CK connection with CK adaptor

芯轴基础柄系列 | Arbor
芯轴基础柄 BT 系列 Arbor Connection with BT adaptor
芯轴基础柄 HSK 系列 Arbor Connection with HSK adaptor
芯轴基础柄 SK 系列 Arbor Connection with SK adaptor



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规格详情

镗刀

BORING
TOOLS

精镗刀

FINE BORING
TOOLS



产品优势

PRODUCT
ADVANTAGES

- 实现一刀多用，同一把精镗刀可实现正镗加工，背镗加工或套镗加工
- 内部高精度的螺纹配合，实现 0.001mm 的调整精度
- 采用高压内冷孔设计，确保刀尖冷却精准性和有效性
- 垫圈方式调整扩展加工直径，节约刀具成本
- Fine boring tool can achieve positive boring, reverse boring and set boring
- Internal high-precision thread coordination achieves adjustment accuracy of 0.001mm
- Adopting a high-pressure internal cooling hole design ensures precision and effectiveness in tool tip cooling
- Adjusting the processing diameter by the washer can save costs

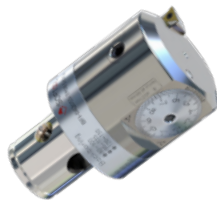


应用行业

APPLICATIONS

- 应用于航空航天、汽车制造、重工业等领域
- Can be widely used in the fields of aerospace, automobile and heavy industry and so on

精镗刀 BFI



直径范围 | Processing range
13mm-210mm

刀片类型 | Insert type
TC06、TC09、TC11、TC1102
TB06、TP08、TP09、WC02

锁紧方式 | Clamping
螺钉式 Screw

接口规格 | Coupling type
CK

精镗刀 BFB



直径范围 | Processing range
160mm-525mm

刀片类型 | Insert type
TC11、TC1102

锁紧方式 | Clamping
螺钉式 Screw、勾杆式 Hook
压板式 Platen

接口规格 | Coupling type
芯轴 Arbor

精镗刀 BFH



直径范围 | Processing range
1mm-50mm

刀片类型 | Insert type
TP08

锁紧方式 | Clamping
螺钉式 Screw

接口规格 | Coupling type
CK

数显精镗刀 BFD



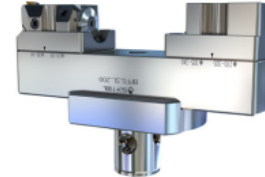
直径范围 | Processing range
1mm-525mm

刀片类型 | Insert type
TC11、TC06、TC09、TB06
TP08、TP09、TC1102

锁紧方式 | Clamping
螺钉式 Screw、勾杆式 Hook
压板式 Platen

接口规格 | Coupling type
CK、芯轴 Arbor

精镗刀 BFG



直径范围 | Processing range
200mm-550mm

刀片类型 | Insert type
TC1102

锁紧方式 | Clamping
螺钉式 Screw

接口规格 | Coupling type
CK、PSC



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规格详情

PSC 产品

PSC PRODUCT

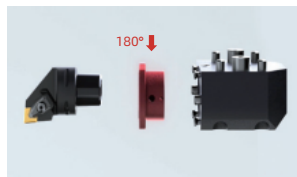
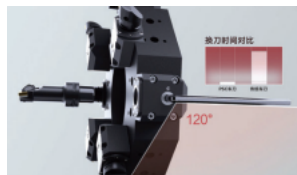
产品优势
PRODUCT
ADVANTAGES

- 重复定位精度达到 0.002mm, 可实现高效换刀
- 相对传统车刀, 无需机内对刀, 减少停机等待时间
- 180°旋转接纳器端盖即可实现左右手互换使用, 减少刀具库存成本
- PSC 接口为 1:20 三棱短锥, 双向定位, 刚性好, 传扭能力强
- The repeated positioning accuracy can reach 0.002mm
- Compared with the traditional turning tools, no need to adjust the tool in the machine and reduce the downtime
- Through the 180° rotation receiver, the left and right turning tools can be interchanged, to reduce the inventory cost of tools and fixtures
- PSC interface is a 1:20 polygon short taper holder with bidirectional positioning, good rigidity and strong torque transmission ability

SOFTCOOL

应用行业
APPLICATIONS

- 应用于航空航天、汽车制造、模具、医疗机械、能源装备制造、工业零件等领域
- Can be widely used in the fields of aerospace, automobile manufacturing, mold and die, medical equipment, industrial components and so on



外圆车刀体

EXTERNAL TURNING TOOL BODY



内圆车刀体

INTERNAL TURNING TOOL BODY



接口规格 | Coupling type PSC32-PSC100

锁紧方式 | Clamping 螺钉式 Screw、勾杆式 Hook
压板式 Platen刀片类型 | Insert Type TN16、TN22、CC12、VB16
VN16、CN12、CN16、CN19
CN25、DC07、DC11、DN11
DN15、RC10、RC16、RC20
SN12、SN15、SN19、VC16
WN06、WN08、WN16、RN12
VB11、VB16

PSC 转 SR 接柄

PSC WITH TYPE SR ADAPTO



接口规格 | Coupling type PSC32-PSC100

转换接口规格 | Interface SR32-SR70

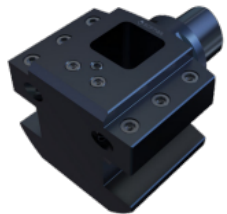
有效长度 | Length 43mm-150mm

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规格详情

PSC 产品

PSC PRODUCT

方柄接杆 TOOL HOLDER ADAPTOR



接口规格 I Coupling type
PSC50-PSC80

方柄接杆系列 I Tool holder adaptor

通用刀柄 0°左 / 右手方向接杆 General Purpose 0° Right/
Left-Hand Adaptor

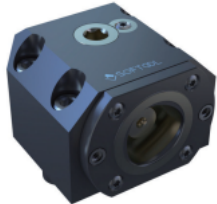
通用刀柄 90°接杆 Purpose 90° Shank

通用刀柄 0°双向接杆 Purpose 0° Both-sides Adaptor

通用刀柄 0°三向接杆 General Purpose 0° tri-sides Adaptor

通用刀柄 45°接杆 General Purpose 45° Adaptor

PSC 接纳器 PSC CLAMPING UNIT



接口规格 I Coupling type
PSC32-PSC80

刀体方向 I Direction of tool

左手方向 Left、右手方向 Right

不区分左右手方向 Null

产品种类 I Product type

通用接纳器 General purpose receiver

VDI 接纳器 VDI Receiver

卧式刀塔接纳器 Horizontal lathe receiver

方柄型接纳器 Square shank internal receiver

PSC 液压驱动接纳器 PSC HYDRAULIC DRIVE CLAMPING UNIT



接口规格 I Coupling type
PSC40-PSC80

刀体方向 I Direction of tool

不区分左右手方向 Null

接口长度 I Direction of tool
74mm-120mm

前端厚度 I Frontal Thickness
25mm-50mm

转接柄 ADAPTOR



接口规格 I Coupling type
PSC32-PSC100

转换接口规格 I Interface

PSC-Arbor

BT-PSC、HSK-PSC

PSC-PSC、PSC-ER

PSC-SLN、SK-PSC

有效长度 I Length
25mm-200mm



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规格详情

HSK-T 产品

HSK-T PRODUCT



产品优势 PRODUCT ADVANTAGES

- 适用于工件车削加工
- 提供三种刀片装夹方式，可满足粗加工、半精加工及精加工等场景应用
- 机外对刀，可用于自动化机械设备
- 通配市面上 ISO 标准刀片
- 可支持非标定制
- Suitable for workpiece turning machining
- Three clamping types, available in rough machining, semi-finishing, finishing machining
- Out-machine tool adjustment, can be used in automatic mechanical equipment
- Match the ISO standard insert on the market
- Support non-standard customization



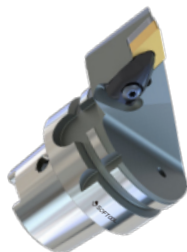
应用行业 APPLICATIONS

- 应用于航空航天、汽车制造、模具、医疗机械、能源装备制造、工业零件等领域
- Can be widely used in the fields of aerospace, automobile manufacturing, mold and die, medical equipment, industrial components and so on



外圆车刀体

EXTERNAL TURNING TOOL BODY



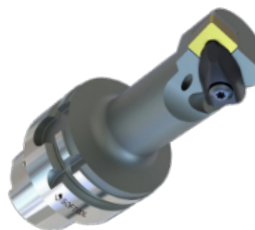
接口规格 | Coupling type
HSK-T32-100

锁紧方式 | Clamping
螺钉式 Screw、勾杆式 Hook
压板式 Platen

刀片类型 | Insert Type
TN16、CC12、VB16、VN16、
CN12、CN16、CN19、CN25、
DC07、DC11、DN11、DN15、
RC10、RC16、SN12、SN19、
VC16、WN06、WN08

内圆车刀体

INTERNAL TURNING TOOL BODY



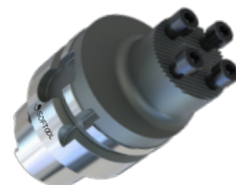
接口规格 | Coupling type
HSK-T32-100

锁紧方式 | Clamping
螺钉式 Screw、勾杆式 Hook
压板式 Platen

刀片类型 | Insert Type
TN16、CC12、VB16、VN16、
CN12、CN16、CN19、CN25、
DC07、DC11、DN11、DN15、
RC10、RC16、SN12、SN19、
VC16、WN06、WN08

HSK-T 转 SR 接柄

HSK-T WITH TYPE SR ADAPTOR



接口规格 | Coupling type
HSK-T32-100

转换接口规格 | Interface
SR32-SR70

有效长度 | Length
43mm-150mm



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二维码
规格详情

SoftTool
Manufacturing
Co., Ltd

减振杆系列

DAMPED TOOLS



产品优势 PRODUCT ADVANTAGES

- 高效阻尼性能：能够有效吸收和减少机器在加工过程中产生的振动，提高加工精度和稳定性
- 高效加工：特殊的热处理工艺及减振设计，确保可持续型加工
- 提高加工效率：比普通刀杆生产效率提供 150%
- High-efficiency damping performance: It can really soak up and cut down the shakes the machine makes while working, making the work more exact and steady
- Efficient machining: It makes sure the machine can work non-stop for a long time with special heat treatments and shake-reducing designs
- Enhance machining efficiency: Provides a 150% increase in production efficiency compared to standard tool holders



应用行业 APPLICATIONS

- 应用于工程机械，航空航天，石油化工等领域
- Applied in fields such as engineering machinery, aerospace, petrochemicals, and other areas

圆柄车削减振杆 CY-SRDT SERIES



接口形式 | Serrated type coupling
SR

夹持柄径 | Coupling diameter
16-60mm

刀杆长度 | Bar length
156-808mm

圆柄车削硬质合金减振杆 CY-SRDT-CR SERIES



接口形式 | Serrated type coupling
SR

夹持柄径 | Coupling diameter
16-20mm

刀杆长度 | Bar length
204、260mm

车削头 CUTTING HEAD WITH SERRATED TYPE



接口形式 | Serrated type coupling
SR

锁紧方式 | Clamping
螺钉式 Screw、勾杆式 Hook
压板式 Platen

刀片类型 | Insert type
CN、DC



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规格详情

夹具

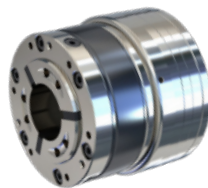
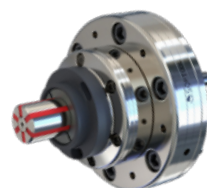
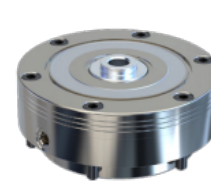
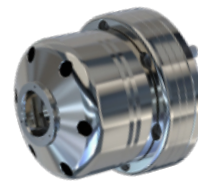
CHUCKS

产品优势
PRODUCT
ADVANTAGES

- 高精度 径向跳动精度 < 0.01mm
- 高夹持力 全包围式平行夹紧自定心带后拉
- 适合自动化 大径向行程
- 应用场景广泛：车铣、三轴、四轴、五轴加工
- High accuracy run-out accuracy < 0.01mm
- High holding power Full enclosed, parallel clamping, self-centering with pull-back
- Suitable for automation with a large radial travel
- Extensive Application Scenarios: Turning, Milling, 3-axis, 4-axis, and 5-axis Machining

应用行业
APPLICATIONS

- 应用于航空航天、汽车制造、齿轮传动、工程塑料等领域
- Can be widely used in the fields of aerospace, Transmission gear, Automotive, Plastic industry and so on

卡盘
CHUCK夹持范围 I Clamping range
4-160mm径向跳动精度 I Run-out
0.01mm行程 I Stroke
±0.5mm最大径向夹持力 kN
Max.radial clamping force
105最大轴向拉杆拉力 kN
Max.axial drawtube force
(pull/push)
45芯轴
MANDREL夹持范围 I Clamping range
8-200mm径向跳动精度 I Run-out
0.01mm行程 I Stroke
±0.35mm最大径向夹持力 kN
Max.radial clamping force
105最大轴向拉杆拉力 kN
Max.axial drawtube force
(pull/push)
25虎钳
VISE夹持范围 I Clamping range
80-460 mm规格 I Specifications
80、125、160重复定位精度 I Repeatability accuracy
< ±0.01 mm最大夹持力 I Maximum clamping force
25-50 kN最大扭矩 I Maximum torque
90-175 Nm零点定位
ZERO POINT规格 I Specifications
078、112、138、172重复定位精度 I Repeatability accuracy
< 0.005mm夹紧力 I Clamping Force
35-75 (unit not specified, please confirm)拉紧力 I Pulling force
13-105 kN零点定位 - PSC 零点
ZERO POINT-PSC ZERO规格 I Specifications
PSC63L/PSC80L重复定位精度 I Repeatability accuracy
< 0.002mm夹紧力 I Clamping Force
47-86kN请扫描
二维码
规格详情

曲轴刀具

CRANKSHAFT
CUTTER



百斯图曲轴刀具集技术、经验、能力于一身，拥有超过 300 份以上的曲轴加工案例。

SofTool crankshaft milling tool integrates technology, experience and capacity. We have more than 300 successful crankshaft processing cases.



专业的研发、生产、制造是百斯图曲轴刀具在行业立足的根本，可提供刀盘、刀夹、刀片、配件及周边产品的全套加工解决方案。

With the ability of professional design and development, manufacturing and technical support, we can provide a full range of machining solutions for milling cutters, cartridges, inserts, accessories and associated products.



着眼未来，百斯图用专业与您携手共进，合作共赢。

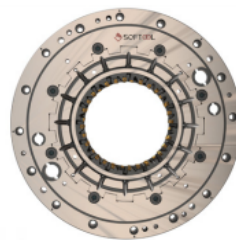
Focusing on the future, SofTool will work with you hand in hand with professionalism to achieve win-win cooperation.



外铣 EXTERNAL MILLING

轮廓直径可达 Dc1000mm，端跳、径跳可控致在 0.025mm 以内

Maximum contour diameter Dc1000mm, axial and radial runout within 0.025mm



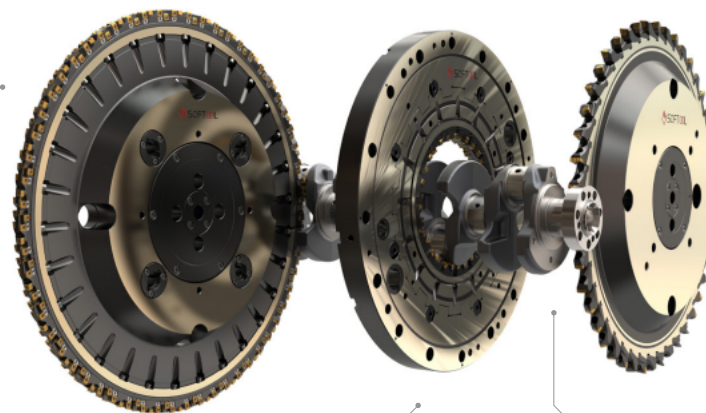
内铣 INTERNAL MILLING

外径可达 Dc1000mm，可提供整体式与模块式刀盘

Maximum contour diameter Dc1000mm, provide integrated and modular cutter

端跳、径跳可控致在 0.025mm 以内

Maximum contour diameter Dc1000mm, axial and radial runout within 0.025mm



车 - 车拉 TURN-TURN BROACHING

轮廓直径可达 Dc1000mm，根据需求可定制 12-45 工位刀夹

Maximum contour diameter Dc1000mm, according to the demand, 12-45 stations cutter tool can be customized

套车 SLEEVE TURNING TOOL

根据图纸要求，可提供 7:24、HSK 等接口的复合套车刀

According to the drawings, composite sleeve turning tool coupling with 7:24, HSK, etc. can be provided



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规格详情

型线刀具

PROFILE CUTTER



可转位刀片滚刀
INDEXABLE HOB CUTTER

模数 | Modulus
≥ 6

精度等级 | Accuracy class
可达 A 级 Up to level A



钢轨修复铣刀
RAIL REPAIR MILLING CUTTER

轮廓直径可达 Dc1000mm, 端跳、
径跳可控致在 0.03mm 以内

Maximum contour diameter Dc1000mm,
axial and radial runout within 0.03mm



齿轮粗铣刀
GEAR ROUGH MILLING CUTTER

模数 | Modulus
6-40

精度等级 | Accuracy class
可达 8 级 Up to level 8



齿轮精铣刀
GEAR FINISHING CUTTER

模数 | Modulus
6-40

精度等级 | Accuracy class
可达 7 级 Up to level 7



刮齿刀
INSERT SKIVING CUTTER

模数 | Modulus
3-7

精度等级 | Accuracy class
可达 7 级 Up to level 7



插齿刀
INSERT SLOTTING CUTTER

模数 | Modulus
3-10

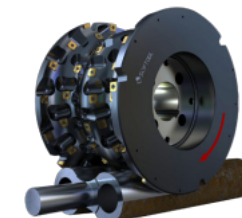
精度等级 | Accuracy class
可达 7 级 Up to level 7



螺杆压缩机转子铣刀
SCREW COMPRESSOR ROTOR
MILLING CUTTER

螺杆铣刀应用于压缩机阴阳转子的粗加工及精加工
Screw milling cutter is used in roughing and finishing
of compressor female and male rotor

刀具直径 | Tool diameter
200-600mm



罗茨真空泵转子铣刀
ROOTS VACUUM PUMP ROTOR
MILLING CUTTER

罗茨真空泵转子铣刀应用于“8”形转子的粗
加工及精加工

Roots vacuum pump rotor milling cutter is used in
roughing and finishing of “8” shape rotor



请扫描二维码
规格详情

