

C—
镗刀

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公众号二维码 视频号二维码

C—
BORING TOOLS



百斯图工具制造有限公司
SOFTOOL MANUFACTURING CO., LTD.

C—镗刀

C - BORING TOOLS



公司简介

COMPANY PROFILE

百斯图工具制造有限公司位于天津京滨工业园区，隶属于厦门钨业股份有限公司，新厂进行现代规模化投资并于2020年底投入使用，新厂配有多条自动化标准品产线，配备全套进口热处理、表面处理设备线，年产能达60万件。是一家专注于金属切削刀体的高新技术企业。

As a member of Xiamen Tungsten Co., Ltd., SofTool Manufacturing Co., Ltd. is located at Jingbin industrial park in Tianjin. With modern scale investment, the new plant has been put into use at the end of 2020. With multiple automated production lines, a full set of advanced heat treatment, surface processing equipment lines, the annual production capacity is expected to reach 600 thousand pieces, we are a high-tech enterprise focusing on metal cutting tool bodies.

集产品研发、工艺设计、生产制造、OEM/ODM代工、产品销售为一体的钢制品制造企业，为全球客户专业提供PSC产品、铣刀体、钻杆、镗刀、液压刀柄、热装刀柄、曲轴、型线刀具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。

As a steel product manufacturing enterprise integrating product research and development, process design, manufacturing, OEM/ODM, and product sales, we provide professional cutter tools and personalized and exclusive solutions for PSC product, milling tool bodies, drilling stem, boring tools, shrink-fit chuck, hydraulic chuck, crank shaft for global customers. Our products are applied in wind (nuclear) power generation, mold manufacturing, automobiles, construction machinery, railways, petrochemicals and other fields.





V愿景 ision

构建全球刀具行业的协助平台，
成为世界具有影响力的刀具企业。

To build a global synergistic platform
for the cutting tools,
to be one of the influential tool body
manufacturing companies.

M使命 ission

引领刀体行业的健康发展；
助力刀具企业的产业升级。

Leading the healthy development for
the tool body industry;
expediting the industrial upgrades
for the tooling companies.

C核心价值观 ore Value

以品质铸就企业，
以利益回馈客户，
以价值成就员工。

To build the company with quality,
to reward customers with benefits,
to cultivate employees with value.

S品牌标语 logan

是刀具更是艺术。

Tooling also arts.

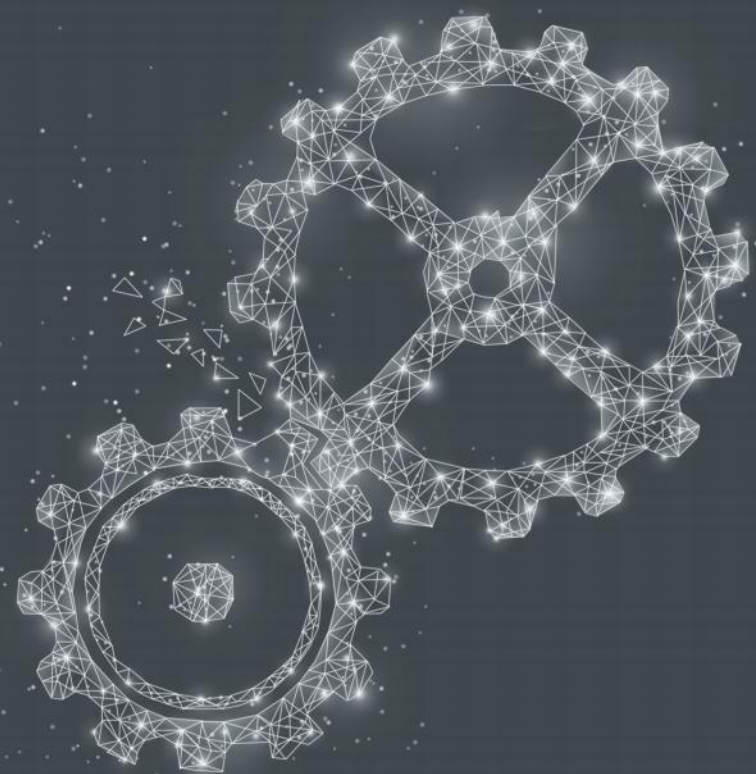


SUPERIOR SERVICE
206EKIOK 2EKAICE

优质服务 SUPERIOR SERVICE

恪守“品质优先 客户至上”的服务宗旨，利用技术、产能和规模优势，为客户提供质量稳定的产品和交付快捷的服务。

Adhering to the service tenet of quality-oriented, customer first, we take advantage of technology, capacity and scale to provide customers with stable quality products and fast delivery services.



ADVANCED TECHNOLOGY
ADVANCED TECHNOLOGY

精湛技术

ADVANCED TECHNOLOGY

经验丰富的技术人才、先进设计仿真平台、先进工艺流程、国际进口数控设备、系统信息化管理,为客户攻坚克难,提供刀体解决方案。

In order to provide cutting tools solution and overcome difficulties for customers, experienced technical talents, high-tech design simulation platform, advanced controlling process, CNC equipment, as well as system information management are integrated.



LARGE SCALE
LARGE SCALE

更大规模

LARGE SCALE

自动化生产线、国际进口热处理、表面处理加工设备线、投资10亿、年产能60万件，满足客户对产品的多种工艺需求。

Providing customers with various processing skills, such as automated production line, advanced heat treatment, surface processing equipment line with 1 billion investment and 600 thousand capacity to meet multiple demands.

非常感谢各位查阅百斯图2023年样册。
本样册共包含5本产品样本, 详见综合目录。
关于本产品样册中刊载的产品内容, 由于进行研究开发改良, 实际产品规格可能与产品样册中的规格有所不同, 以产品实际情况为准, 请予以理解。

* 本样册所刊载所有样品均支持OEM贴牌业务。

可单独订购配件, 按需询价。

Thank you very much for using the brochure from SofTool in 2023.
The brochure contains 5 product sample books in total. Please refer to the comprehensive catalog for details.
Due to the research, development and improvement, the actual product specifications may be a little different from the content in the product catalogue. The actual product will be taken as final. We highly appreciate your kind understanding.

* It supports OEM business for all products in this brochure.

The spare parts can be ordered separately. Please inquire on demand.

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镗刀 - 目录

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◎ 设计特点 | Design Features



高精度冷却液出水孔，使冷却液位置与刀尖随动，冷却液可直达刃口
High precision coolant outlet hole makes the coolant position follow up with the tool tip reach the cutting edge directly

您的收益

- 冷却液直达刃口，提高刀片使用寿命，降低生产成本；
- 精准冷却可以使铁屑有效排出，避免刮伤工件，提高工件表面光洁度，减少因光度不佳导致的返修成本。

Benefit

- The coolant goes directly to the edge to improve the service life of the insert and reduce the production cost;
- Accurate cooling can make the effective discharge of iron filings, avoid scratching the workpiece, improve the surface finish of the workpiece and reduce the repair cost caused by poor brightness.



粗镗刀体可以通过互换滑块实现阶梯功能，A系列粗镗刀体轴向落差0.4mm，B系列粗镗刀体轴向调整范围1.5mm

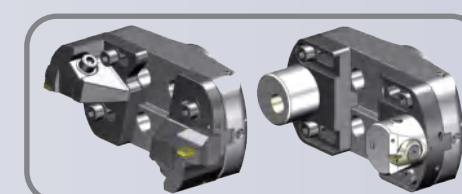
Rough boring tools can achieve the step function by exchanging sliders. The axial adjustment range of series is 0.4mm and that of B Series is 1.5mm

您的收益

- 对于单边切削量大的工件，减少走刀次数，提高生产效率，降低制造成本；
- 无需为单边切削量大的工件准备多种刀具，降低刀具采购成本。

Benefit

- For workpieces with large amount of unilateral cutting, the cutting times are reduced to improve production efficiency and reduce manufacturing cost;
- No need to prepare a variety of tools for workpieces with large amount of unilateral cutting, so as to reduce the tool procurement cost.



粗镗刀体B系列与精镗刀体B系列选用通装航空铝底座，通过选配不同滑块和刀夹实现粗精镗之间互换使用

The rough boring tools B series and the fine boring tools B series adopt the universal aviation aluminum base, and the interchangeability between rough and fine boring is realized by matching different sliders and cartridges

您的收益

- 通过选用粗精镗对应的滑块及刀夹实现粗精镗切换，降低大直径镗削刀具采购成本。

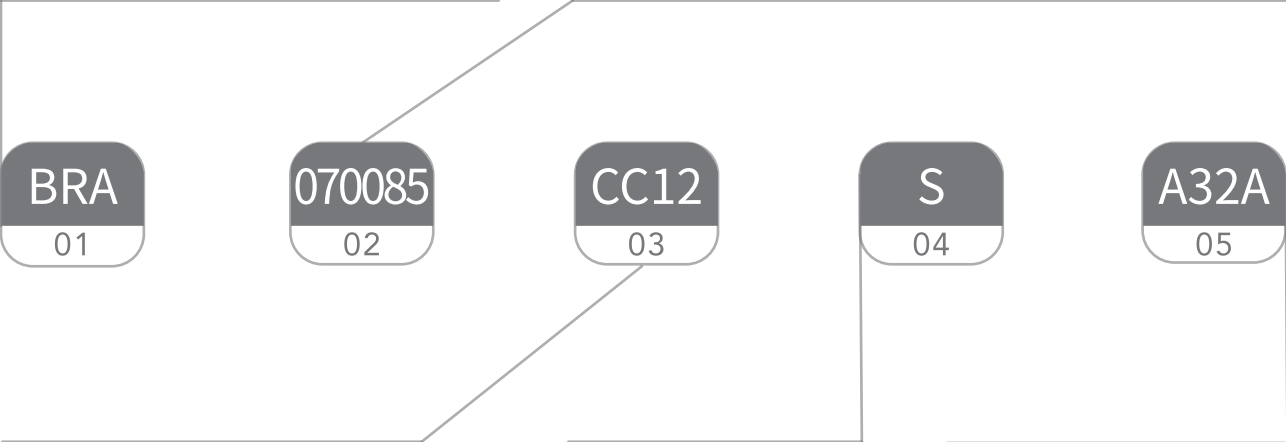
Benefit

- The conversion of rough and fine boring is realized by selecting the corresponding sliders and cartridges, that reduces the purchase cost of large-diameter boring tool.

◎ 命名方式 | Naming And Coding Rules

BRA	粗镗刀A系列 A Series Rough Boring Tools	BRA	025035	035045	045055	055070	070085	085105	105130	130160
BRB	粗镗刀B系列 B Series Rough Boring Tools	BRB	160215	215270	270350	350430	430510			
BFA	精镗刀A系列 A Series Fine Boring Tools	BFA	020025	025032	032042	042055	055070	070100	100160	
BFB	精镗刀B系列 B Series Fine Boring Tools	BFB	160230	215285	270365	350445	430525			
BFC	精镗刀C系列 C Series Fine Boring Tools	BFC	053057	063070	074083					

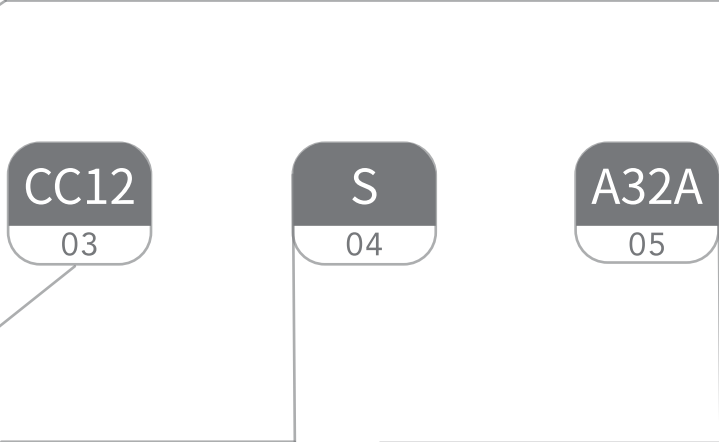
01.镗刀类型 | BORING TOOLS TYPE



03.刀片 | INSERT

CC06	CN12	SC09	TC06
CC09	CN16	SC12	TC09
CC12	CN19	SN12	TC11
		SN15	TC16
			TC22

02.直径范围 | PROCESSING RANGE



04.锁紧方式 | CLAMPING

D	压板式 Platen
P	勾杆式 Hook
S	螺钉式 Screw

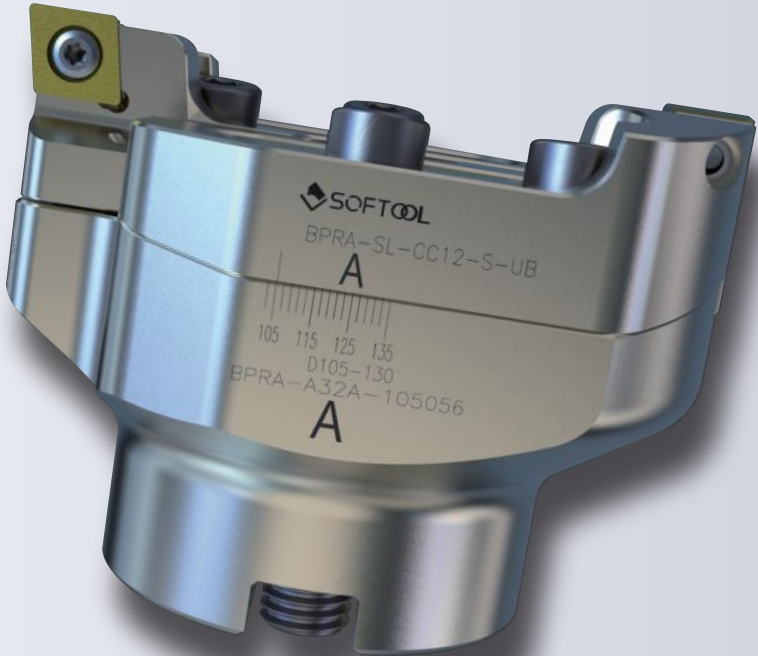
05.接口规格 | COUPLING TYPE

CKB1	A22A
CKB2	A32A
CKB3	A40C
CKB4	A60C
CKB5	
CKB6	
CKB7	

注：镗刀头接口规格CKB与镗刀接柄CK属于同一接口规格，配合使用。

Note: Boring tool head with CKB interface can match boring tool connection CK series.
Their interface specifications are consistent.

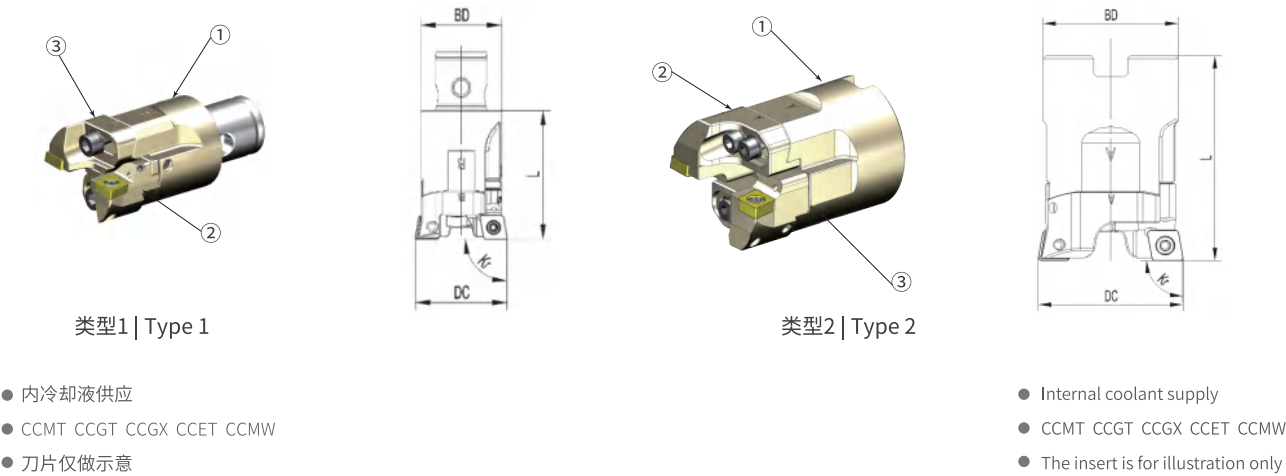
粗镗刀BRA系列 | BRA SERIES



- 适用于Φ25-Φ160mm的孔径加工；
 - 加工孔径公差±0.05mm；
 - 合金钢刀体配合特殊表面处理提高了刀体刚性及耐磨性；
 - 滑块式刀夹装载ISO刀片，市场通用性好。
- Apply to Φ 25- Φ 160mm aperture machining;
 - Machining aperture tolerance ± 0.05mm;
 - Alloy seel tool body with special surface treatment improves the rigidity and wear resistance;
 - The sliding cartridge equipped with ISO inserts is with good market versidity.

BRA-CC系列BRA-CC SERIES

BRA-CC系列滑块式刀夹BRA-CC SERIES SLIDING CARTRIDGE



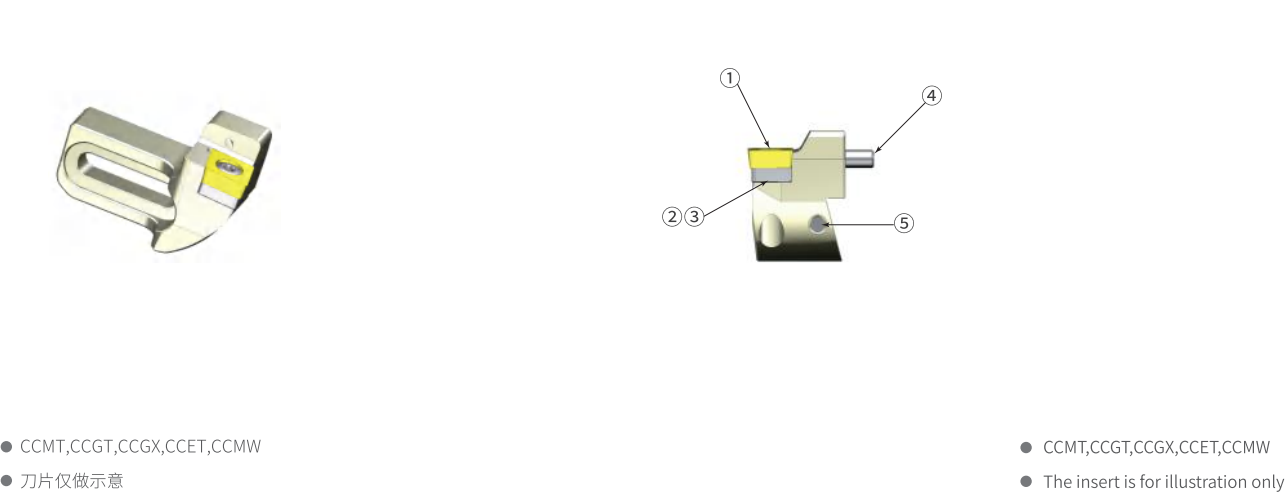
技术参数 | Technical parameters

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension				刀片 Insert	接口 Coupling	
	Min.	Max.	Adj.	L	BD	Kr	KG		Form	Type
BRA-025035-CC06-S-CKB2	25	35	5	35	22	90	0.1	CCMT 060204	CKB2	1
BRA-035045-CC09-S-CKB3	35	45	5	40	31	90	0.22	CCMT 09T308	CKB3	1
BRA-045055-CC09-S-A22A	45	55	5	65	42	90	0.47	CCMT 09T308	ARB-22A	2
BRA-055070-CC12-S-A22A	55	70	7.5	68	42	90	0.64	CCMT 120408	ARB-22A	2
BRA-070085-CC12-S-A32A	70	85	7.5	78	63	90	1.25	CCMT 120408	ARB-32A	2
BRA-085105-CC12-S-A32A	85	105	10	78	63	90	1.6	CCMT 120408	ARB-32A	2
BRA-105130-CC12-S-A32A	105	130	12.5	78	63	90	2.13	CCMT 120408	ARB-32A	2
BRA-130160-CC12-S-A32A	130	160	15	78	63	90	2.67	CCMT 120408	ARB-32A	2

备件 | Accessory

产品型号 Product ID	①	②	③				
	刀座 Adaptor	滑块式刀夹A Sliding Cartridge A	滑块式刀夹B Sliding Cartridge B	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRA-025035-CC06-S-CKB2	BPRA-CKB2-025024	BPRA-SL-CC06-S-OA	BPRA-SL-CC06-S-OB	242.070.35	-	241.025.56	241.013.40
BRA-035045-CC09-S-CKB3	BPRA-CKB3-035026	BPRA-SL-CC09-S-PA	BPRA-SL-CC09-S-PB	248.150.10	-	241.030.63	246.015.60
BRA-045055-CC09-S-A22A	BPRA-A22A-045046	BPRA-SL-CC09-S-QA	BPRA-SL-CC09-S-QB	248.150.10	-	241.030.63	246.015.60
BRA-055070-CC12-S-A22A	BPRA-A22A-055046	BPRA-SL-CC12-S-RA	BPRA-SL-CC12-S-RB	248.150.10	-	241.040.70	246.020.60
BRA-070085-CC12-S-A32A	BPRA-A32A-070056	BPRA-SL-CC12-S-SA	BPRA-SL-CC12-S-SB	248.150.10	241.040.70	241.050.80	246.025.60
BRA-085105-CC12-S-A32A	BPRA-A32A-085056	BPRA-SL-CC12-S-TA	BPRA-SL-CC12-S-TB	248.150.10	241.040.70	241.060.90	246.030.60
BRA-105130-CC12-S-A32A	BPRA-A32A-105056	BPRA-SL-CC12-S-UA	BPRA-SL-CC12-S-UB	248.150.10	241.040.70	241.060.90	246.030.60
BRA-130160-CC12-S-A32A	BPRA-A32A-130056	BPRA-SL-CC12-S-VA	BPRA-SL-CC12-S-VB	248.150.10	241.040.70	241.060.90	246.030.60

可单独订购备件，按需询价。The spare parts can be ordered separately. Please inquire on demand.
关于BRA系列刀座请参阅C·19Please refer to C·19 for BRA series Adaptor



技术参数 | Technical parameters

订货号 Ordering code	直径范围 Fitting Range	刀片 Insert	夹紧方式 Clamping
BPRA-SL-CC06-S-OA	25-35	CCMT 060204	S
BPRA-SL-CC06-S-OB	25-35	CCMT 060204	S
BPRA-SL-CC09-S-PA	35-45	CCMT 09T308	S
BPRA-SL-CC09-S-PB	35-45	CCMT 09T308	S
BPRA-SL-CC09-S-QA	45-55	CCMT 09T308	S
BPRA-SL-CC09-S-QB	45-55	CCMT 09T308	S
BPRA-SL-CC12-S-RA	55-70	CCMT 120408	S
BPRA-SL-CC12-S-RB	55-70	CCMT 120408	S
BPRA-SL-CC12-S-SA	70-85	CCMT 120408	S
BPRA-SL-CC12-S-SB	70-85	CCMT 120408	S
BPRA-SL-CC12-S-TA	85-105	CCMT 120408	S
BPRA-SL-CC12-S-TB	85-105	CCMT 120408	S
BPRA-SL-CC12-S-UA	105-130	CCMT 120408	S
BPRA-SL-CC12-S-UB	105-130	CCMT 120408	S
BPRA-SL-CC12-S-VA	130-160	CCMT 120408	S
BPRA-SL-CC12-S-VB	130-160	CCMT 120408	S

转下页 see next page →

BRA-CC系列滑块式刀夹

BRA-CC SERIES SLIDING CARTRIDGE

技术参数 | Technical parameters

单位 | Unit: mm

备件 Accessory						单独订购 Purchase Separately		
产品型号 Product ID	①	②	③	④	⑤			
	刀片螺钉 Screw(Insert)	刀垫 Shim	刀垫螺钉 Screw(Shim)	弹性销 Cotter	调整螺钉 Screw(Adj.)	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	调整螺钉扳手 Key(Adj.)
BPRA-SL-CC06-S-OA	SFS-2565	-	-	179.015.08	-	242.070.35	-	-
BPRA-SL-CC06-S-OB	SFS-2565	-	-	179.015.08	-	242.070.35	-	-
BPRA-SL-CC09-S-PA	SFS 3581	-	-	179.025.08	-	248.150.10	-	-
BPRA-SL-CC09-S-PB	SFS 3581	-	-	179.025.08	-	248.150.10	-	-
BPRA-SL-CC09-S-QA	SFS 3581	-	-	-	253.030.10	248.150.10	-	246.015.60
BPRA-SL-CC09-S-QB	SFS 3581	-	-	-	253.030.10	248.150.10	-	246.015.60
BPRA-SL-CC12-S-RA	ILD 4011-A	-	-	-	253.040.12	248.150.10	-	246.020.60
BPRA-SL-CC12-S-RB	ILD 4011-A	-	-	-	253.040.12	248.150.10	-	246.020.60
BPRA-SL-CC12-S-SA	ILD 4014	322.232.02	512.090.03	-	253.050.12	248.150.10	241.040.70	246.025.60
BPRA-SL-CC12-S-SB	ILD 4014	322.232.02	512.090.03	-	253.050.12	248.150.10	241.040.70	246.025.60
BPRA-SL-CC12-S-TA	ILD 4014	322.232.02	512.090.03	-	253.060.16	248.150.10	241.040.70	246.030.60
BPRA-SL-CC12-S-TB	ILD 4014	322.232.02	512.090.03	-	253.060.16	248.150.10	241.040.70	246.030.60
BPRA-SL-CC12-S-UA	ILD 4014	322.232.02	512.090.03	179.060.16	-	248.150.10	241.040.70	-
BPRA-SL-CC12-S-UB	ILD 4014	322.232.02	512.090.03	179.060.16	-	248.150.10	241.040.70	-
BPRA-SL-CC12-S-VA	ILD 4014	322.232.02	512.090.03	179.060.16	-	248.150.10	241.040.70	-
BPRA-SL-CC12-S-VB	ILD 4014	322.232.02	512.090.03	179.060.16	-	248.150.10	241.040.70	-

可单独订购备件，按需询价。

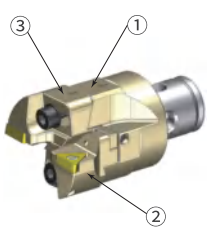
The spare parts can be ordered separately. Please inquire on demand.

BRA-TC系列

BRA-TC SERIES

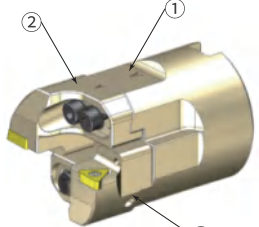
技术参数 | Technical parameters

单位 | Unit: mm



类型1 | Type 1

- 内冷却液供应
- TCMT TCMX TCGT TCGX TCEx TCMW
- 刀片仅做示意



类型2 | Type 2

- Internal coolant supply
- TCMT TCMX TCGT TCGX TCEx TCMW
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension				刀片 Insert	接口 Coupling	
	Min.	Max.	Adj.	L	BD	Kr	KG		Form	Type
BRA-035045-TC11-S-CKB3	35	45	5	40	31	90	0.22	TCMT 110308	CKB3	1
BRA-045055-TC11-S-A22A	45	55	5	65	42	90	0.47	TCMT 110308	A22A	2
BRA-055070-TC16-S-A22A	55	70	7.5	68	42	90	0.64	TCMT 16T308	A22A	2
BRA-070085-TC16-S-A32A	70	85	7.5	78	63	90	1.25	TCMT 16T308	A32A	2
BRA-085105-TC16-S-A32A	85	105	10	78	63	90	1.6	TCMT 16T308	A32A	2
BRA-105130-TC16-S-A32A	105	130	12.5	78	63	90	2.13	TCMT 16T308	A32A	2
BRA-130160-TC16-S-A32A	130	160	15	78	63	90	2.67	TCMT 16T308	A32A	2

备件 | Accessory

产品型号 Product ID	①	②	③				
	刀座 Adaptor	滑块式刀夹A Sliding Cartridge A	滑块式刀夹B Sliding Cartridge B	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRA-035045-TC11-S-CKB3	BPRA-CKB3-035026	BPRA-SL-TC11-S-PA	BPRA-SL-TC11-S-PB	242.070.35	-	241.030.63	246.015.60
BRA-045055-TC11-S-A22A	BPRA-A22A-045046	BPRA-SL-TC11-S-QA	BPRA-SL-TC11-S-QB	242.070.35	-	241.030.63	246.015.60
BRA-055070-TC16-S-A22A	BPRA-A22A-055046	BPRA-SL-TC16-S-RA	BPRA-SL-TC16-S-RB	248.150.10	-	241.040.70	246.020.60
BRA-070085-TC16-S-A32A	BPRA-A32A-070056	BPRA-SL-TC16-S-SA	BPRA-SL-TC16-S-SB	248.150.10	241.035.65	241.050.80	246.025.60
BRA-085105-TC16-S-A32A	BPRA-A32A-085056	BPRA-SL-TC16-S-TA	BPRA-SL-TC16-S-TB	248.150.10	241.035.65	241.060.90	246.030.60
BRA-105130-TC16-S-A32A	BPRA-A32A-105056	BPRA-SL-TC16-S-UA	BPRA-SL-TC16-S-UB	248.150.10	241.035.65	241.060.90	246.030.60
BRA-130160-TC16-S-A32A	BPRA-A32A-130056	BPRA-SL-TC16-S-VA	BPRA-SL-TC16-S-VB	248.150.10	241.035.65	241.060.90	246.030.60

可单独订购备件，按需询价。

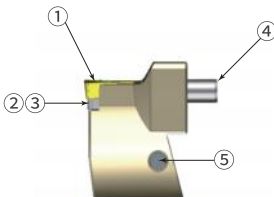
The spare parts can be ordered separately. Please inquire on demand.

关于BRA系列刀座请参阅C·19

Please refer to C·19for BRA series Adaptor

BRA-TC系列滑块式刀夹

BRA-TC SERIES SLIDING CARTRIDGE



- TCMT TCMX TCGT TCGX TCEX TCMW
 - 刀片仅做示意
- TCMT TCMX TCGT TCGX TCEX TCMW
 - The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	直径范围 Fitting Range	刀片 Insert	夹紧方式 Clamping
BPRA-SL-TC11-S-PA	35-45	TCMT 110308	S
BPRA-SL-TC11-S-PB	35-45	TCMT 110308	S
BPRA-SL-TC11-S-QA	45-55	TCMT 110308	S
BPRA-SL-TC11-S-QB	45-55	TCMT 110308	S
BPRA-SL-TC16-S-RA	55-70	TCMT 16T308	S
BPRA-SL-TC16-S-RB	55-70	TCMT 16T308	S
BPRA-SL-TC16-S-SA	70-85	TCMT 16T308	S
BPRA-SL-TC16-S-SB	70-85	TCMT 16T308	S
BPRA-SL-TC16-S-TA	85-105	TCMT 16T308	S
BPRA-SL-TC16-S-TB	85-105	TCMT 16T308	S
BPRA-SL-TC16-S-UA	105-130	TCMT 16T308	S
BPRA-SL-TC16-S-UB	105-130	TCMT 16T308	S
BPRA-SL-TC16-S-VA	130-160	TCMT 16T308	S
BPRA-SL-TC16-S-VB	130-160	TCMT 16T308	S

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BRA-TC系列滑块式刀夹

BRA-TC SERIES SLIDING CARTRIDGE

技术参数 | Technical parameters

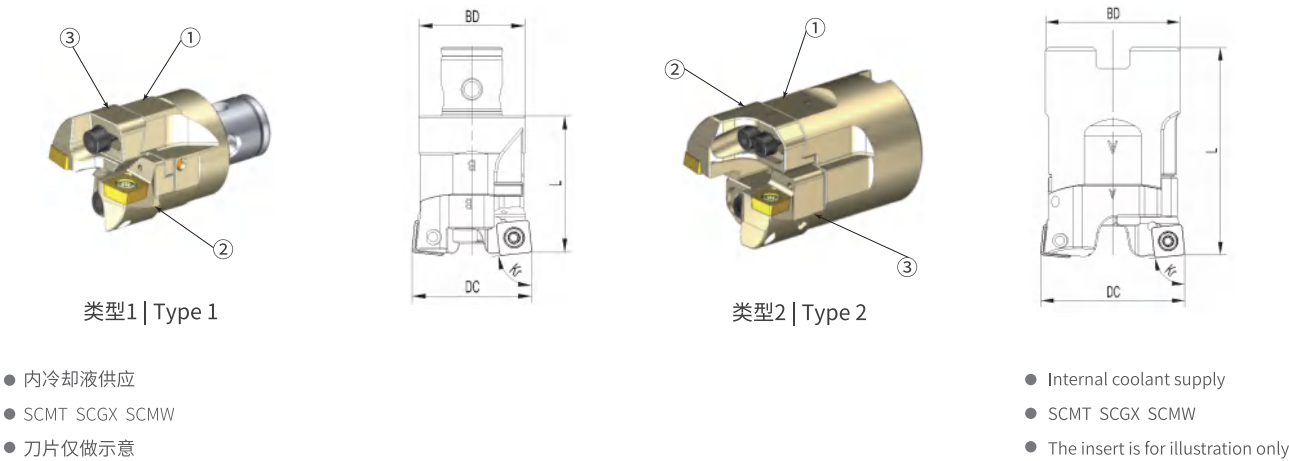
单位 | Unit: mm

产品型号 Product ID	备件 Accessory					单独订购 Purchase Separately		
	① 刀片螺钉 Screw(Insert)	② 刀垫 Shim	③ 刀垫螺钉 Screw(Shim)	④ 弹性销 Cotter	⑤ 调整螺钉 Screw(Adj.)	 刀片螺钉扳手 Key(Insert)	 刀垫螺钉扳手 Key(Shim)	 调整螺钉扳手 Key(Adj.)
BPRA-SL-TC11-S-PA	SFS-2565	-	-	179.025.08	-	242.070.35	-	-
BPRA-SL-TC11-S-PB	SFS-2565	-	-	179.025.08	-	242.070.35	-	-
BPRA-SL-TC11-S-QA	SFS-2565	-	-	-	253.030.10	242.070.35	-	246.015.60
BPRA-SL-TC11-S-QB	SFS-2565	-	-	-	253.030.10	242.070.35	-	246.015.60
BPRA-SL-TC16-S-RA	ILD3510	-	-	-	253.040.12	248.150.10	-	246.020.60
BPRA-SL-TC16-S-RB	ILD3510	-	-	-	253.040.12	248.150.10	-	246.020.60
BPRA-SL-TC16-S-SA	SFS_3512	322.320.01	512.090.01	-	253.050.12	248.150.10	241.035.65	246.025.60
BPRA-SL-TC16-S-SB	SFS_3512	322.320.01	512.090.01	-	253.050.12	248.150.10	241.035.65	246.025.60
BPRA-SL-TC16-S-TA	SFS_3512	322.320.01	512.090.01	-	253.060.16	248.150.10	241.035.65	246.030.60
BPRA-SL-TC16-S-TB	SFS_3512	322.320.01	512.090.01	-	253.060.16	248.150.10	241.035.65	246.030.60
BPRA-SL-TC16-S-UA	SFS_3512	322.320.01	512.090.01	179.060.16	-	248.150.10	241.035.65	-
BPRA-SL-TC16-S-UB	SFS_3512	322.320.01	512.090.01	179.060.16	-	248.150.10	241.035.65	-
BPRA-SL-TC16-S-VA	SFS_3512	322.320.01	512.090.01	179.060.16	-	248.150.10	241.035.65	-
BPRA-SL-TC16-S-VB	SFS_3512	322.320.01	512.090.01	179.060.16	-	248.150.10	241.035.65	-

可单独订购备件，按需询价。The spare parts can be ordered separately. Please inquire on demand.

BRA-SC系列BRA-SC SERIES

BRA-SC系列滑块式刀夹BRA-SC SERIES SLIDING CARTRIDGE



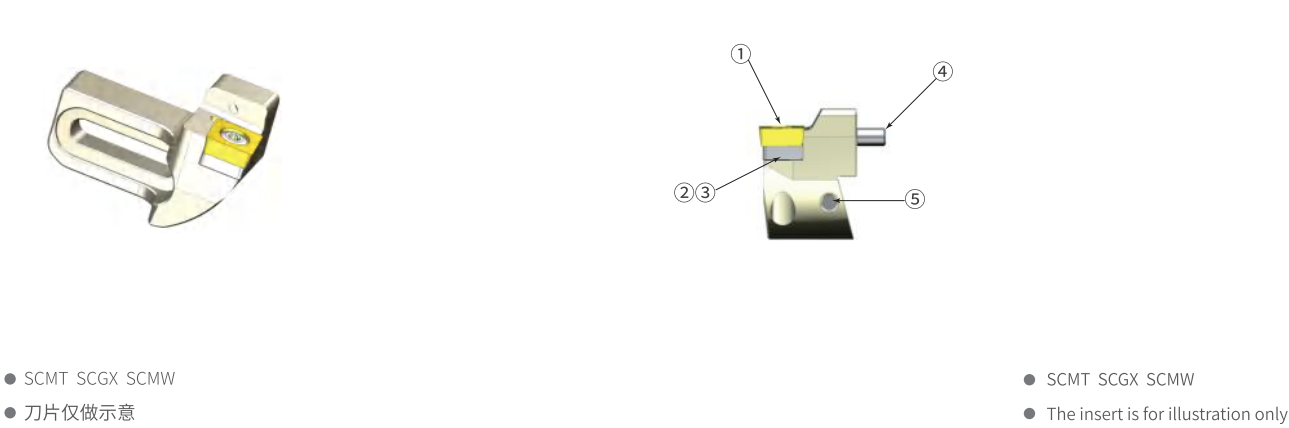
技术参数 | Technical parameters 单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension				刀片 Insert	接口 Coupling	
	Min.	Max.	Adj.	L	BD	Kr	KG		Form	Type
BRA-035045-SC09-S-CKB3	35	45	5	40	31	84	0.22	SCMT 09T308	CKB3	1
BRA-045055-SC09-S-A22A	45	55	5	65	42	84	0.47	SCMT 09T308	A22A	2
BRA-055070-SC12-S-A22A	55	70	7.5	68	42	84	0.64	SCMT 120408	A22A	2
BRA-070085-SC12-S-A32A	70	85	7.5	78	63	84	1.25	SCMT 120408	A32A	2
BRA-085105-SC12-S-A32A	85	105	10	78	63	84	1.6	SCMT 120408	A32A	2
BRA-105130-SC12-S-A32A	105	130	12.5	78	63	84	2.13	SCMT 120408	A32A	2
BRA-130160-SC12-S-A32A	130	160	15	78	63	84	2.67	SCMT 120408	A32A	2

产品型号 Product ID	①	②	③				
	刀座 Adaptor	滑块式刀夹A Sliding Cartridge A	滑块式刀夹B Sliding Cartridge B	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRA-035045-SC09-S-CKB3	BPRA-CKB3-035026	BPRA-SL-SC09-S-PA	BPRA-SL-SC09-S-PB	248.150.10	-	241.030.63	246.015.60
BRA-045055-SC09-S-A22A	BPRA-A22A-045046	BPRA-SL-SC09-S-QA	BPRA-SL-SC09-S-QB	248.150.10	-	241.030.63	246.015.60
BRA-055070-SC12-S-A22A	BPRA-A22A-055046	BPRA-SL-SC12-S-RA	BPRA-SL-SC12-S-RB	248.150.10	-	241.040.70	246.020.60
BRA-070085-SC12-S-A32A	BPRA-A32A-070056	BPRA-SL-SC12-S-SA	BPRA-SL-SC12-S-SB	248.150.10	241.040.70	241.050.80	246.025.60
BRA-085105-SC12-S-A32A	BPRA-A32A-085056	BPRA-SL-SC12-S-TA	BPRA-SL-SC12-S-TB	248.150.10	241.040.70	241.060.90	246.030.60
BRA-105130-SC12-S-A32A	BPRA-A32A-105056	BPRA-SL-SC12-S-UA	BPRA-SL-SC12-S-UB	248.150.10	241.040.70	241.060.90	246.030.60
BRA-130160-SC12-S-A32A	BPRA-A32A-130056	BPRA-SL-SC12-S-VA	BPRA-SL-SC12-S-VB	248.150.10	241.040.70	241.060.90	246.030.60

可单独订购备件，按需询价。
关于BRA系列刀座请参阅C·19

The spare parts can be ordered separately. Please inquire on demand.
Please refer to C·19 for BRA series Adaptor



技术参数 | Technical parameters 单位 | Unit: mm

订货号 Ordering code	直径范围 Fitting Range	刀片 Insert	夹紧方式 Clamping
BPRA-SL-SC09-S-PA	35-45	SCMT 09T308	S
BPRA-SL-SC09-S-PB	35-45	SCMT 09T308	S
BPRA-SL-SC09-S-QA	45-55	SCMT 09T308	S
BPRA-SL-SC09-S-QB	45-55	SCMT 09T308	S
BPRA-SL-SC12-S-RA	55-70	SCMT 120408	S
BPRA-SL-SC12-S-RB	55-70	SCMT 120408	S
BPRA-SL-SC12-S-SA	70-85	SCMT 120408	S
BPRA-SL-SC12-S-SB	70-85	SCMT 120408	S
BPRA-SL-SC12-S-TA	85-105	SCMT 120408	S
BPRA-SL-SC12-S-TB	85-105	SCMT 120408	S
BPRA-SL-SC12-S-UA	105-130	SCMT 120408	S
BPRA-SL-SC12-S-UB	105-130	SCMT 120408	S
BPRA-SL-SC12-S-VA	130-160	SCMT 120408	S
BPRA-SL-SC12-S-VB	130-160	SCMT 120408	S

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BRA-SC系列滑块式刀夹

BRA-SC SERIES SLIDING CARTRIDGE

技术参数 | Technical parameters

单位 | Unit: mm

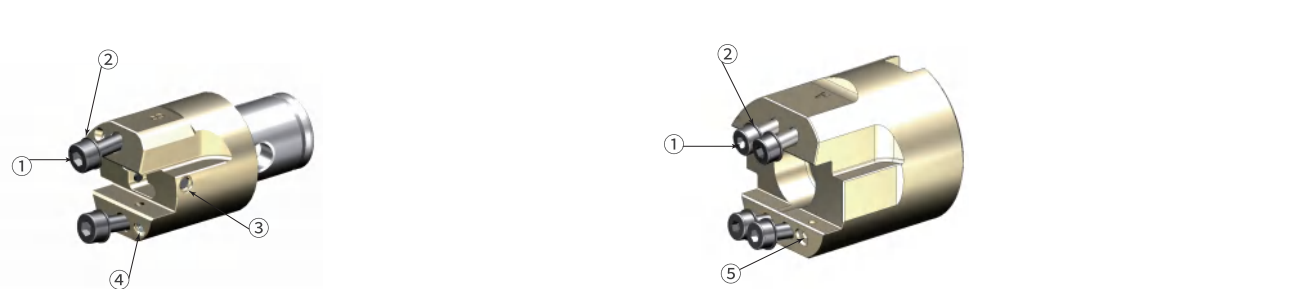
备件 Accessory						单独订购 Purchase Separately		
产品型号 Product ID	①	②	③	④	⑤			
	刀片螺钉 Screw(Insert)	刀垫 Shim	刀垫螺钉 Screw(Shim)	弹性销 Cotter	调整螺钉 Screw(Adj.)	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	调整螺钉扳手 Key(Adj.)
BPRA-SL-SC09-S-PA	SFS 3581	-	-	179.025.08	-	248.150.10	-	-
BPRA-SL-SC09-S-PB	SFS 3581	-	-	179.025.08	-	248.150.10	-	-
BPRA-SL-SC09-S-QA	SFS 3581	-	-	-	253.030.10	248.150.10	-	246.015.60
BPRA-SL-SC09-S-QB	SFS 3581	-	-	-	253.030.10	248.150.10	-	246.015.60
BPRA-SL-SC12-S-RA	ILD 4011-A	-	-	-	253.040.12	248.150.10	-	246.020.60
BPRA-SL-SC12-S-RB	ILD 4011-A	-	-	-	253.040.12	248.150.10	-	246.020.60
BPRA-SL-SC12-S-SA	ILD 4014	322.420.02	512.090.03	-	253.050.12	248.150.10	241.040.70	246.025.60
BPRA-SL-SC12-S-SB	ILD 4014	322.420.02	512.090.03	-	253.050.12	248.150.10	241.040.70	246.025.60
BPRA-SL-SC12-S-TA	ILD 4014	322.420.02	512.090.03	-	253.060.16	248.150.10	241.040.70	246.030.60
BPRA-SL-SC12-S-TB	ILD 4014	322.420.02	512.090.03	-	253.060.16	248.150.10	241.040.70	246.030.60
BPRA-SL-SC12-S-UA	ILD 4014	322.420.02	512.090.03	179.060.16	-	248.150.10	241.040.70	-
BPRA-SL-SC12-S-UB	ILD 4014	322.420.02	512.090.03	179.060.16	-	248.150.10	241.040.70	-
BPRA-SL-SC12-S-VA	ILD 4014	322.420.02	512.090.03	179.060.16	-	248.150.10	241.040.70	-
BPRA-SL-SC12-S-VB	ILD 4014	322.420.02	512.090.03	179.060.16	-	248.150.10	241.040.70	-

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BRA系列刀座

BRA SERIES ADAPTOR



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	直径范围 Fitting Range	接口 Coupling
BPRA-CKB2-025024	25-35	CKB2
BPRA-CKB3-035026	35-45	CKB3
BPRA-A22A-045046	45-55	A22A
BPRA-A22A-055046	55-70	A22A
BPRA-A32A-070056	70-85	A32A
BPRA-A32A-085056	85-105	A32A
BPRA-A32A-105056	105-130	A32A
BPRA-A32A-130056	130-160	A32A

备件 Accessory						单独订购 Purchase Separately	
产品型号 Product ID	①	②	③	④	⑤		
	锁紧螺钉 Screw(Insert)	弹簧垫圈 Shim	调整螺钉 Screw(Adj.)	堵丝 Nozzle	水堵 Screw	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BPRA-CKB2-025024	113.030.10	136.030.03	253.025.08	251.020.02	-	241.025.56	241.013.40
BPRA-CKB3-035026	113.040.16	136.040.04	253.030.10	251.030.03	-	241.030.63	246.015.60
BPRA-A22A-045046	113.040.16	136.040.04	-	-	643.020.09	241.030.63	-
BPRA-A22A-055046	113.050.20	136.050.05	-	-	643.020.09	241.040.70	-
BPRA-A32A-070056	113.060.20	136.060.07	-	251.040.04	643.020.09	241.050.80	-
BPRA-A32A-085056	113.080.25	136.080.09	-	251.040.04	643.020.09	241.060.90	-
BPRA-A32A-105056	113.080.25	136.080.09	253.060.20	251.040.04	-	241.060.90	246.030.60
BPRA-A32A-130056	113.080.25	136.080.09	253.060.25	251.040.04	-	241.060.90	246.030.60

可单独订购备件，按需询价。

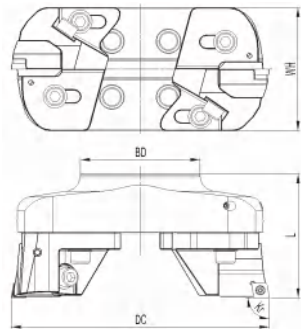
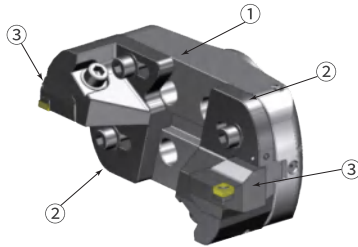
The spare parts can be ordered separately. Please inquire on demand.

粗镗刀BRB系列 | BRB SERIES



- 适用于Φ160-Φ510mm的孔径加工；
 - 加工孔径公差±0.05mm；
 - 航空铝桥架具有较轻的重量可减少主轴负载；
 - 刀夹装载ISO刀片，市场通用性好；
 - 可进行轴向及径向双向调节。
- Apply to Φ 160-Φ 510mm aperture machining;
 - Machining aperture tolerance ± 0.05mm;
 - Aviation aluminum bridge with less weight can reduce the spindle load;
 - The cartridge equipped with ISO inserts is with good market versidity;
 - Bidirectional adjustment in axial and radial is available.

BRB-CC-S系列 BRB-CC-S SERIES



- 内冷却液供应
 - CCMT CCGT CCGX CCET CCMW
 - 刀片仅做示意
- Internal coolant supply
 - CCMT CCGT CCGX CCET CCMW
 - The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-160215-CC12-S-A40C	160	215	27.5	105	100	104	90	4.39	CCMT 120408	S	A40C
BRB-215270-CC12-S-A40C	215	270	27.5	105	100	104	90	5	CCMT 120408	S	A40C

备件 | Accessary

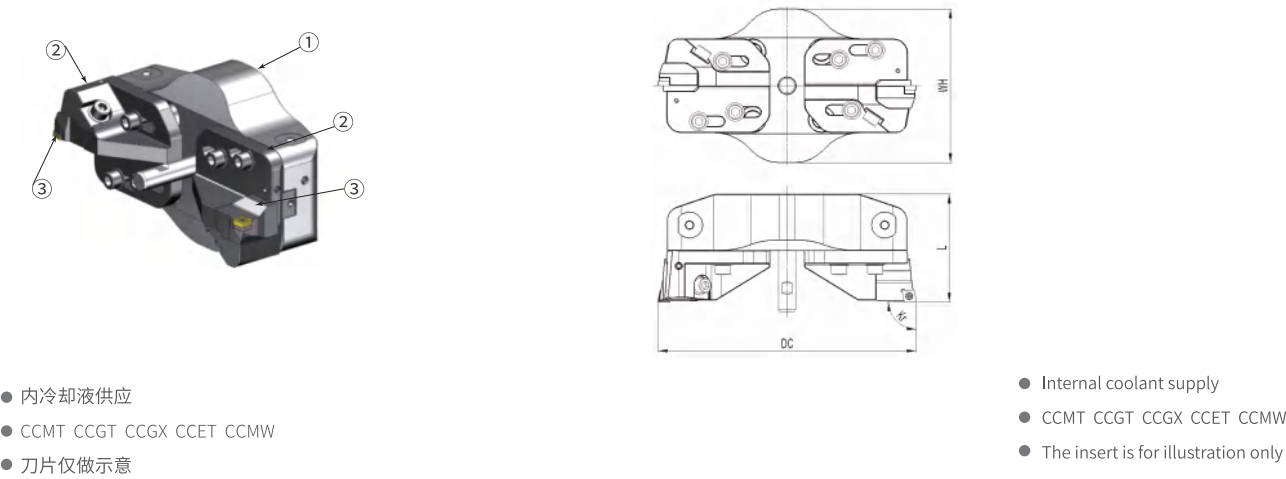
产品型号 Product ID	①	②	③				
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-160215-CC12-S-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-CC12-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-215270-CC12-S-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-CC12-S	248.150.10	241.040.70	241.080.00	246.030.60

可单独订购备件，按需询价。
关于BRB系列桥架式刀座请参阅C·44
关于BRB系列滑块请参阅C·46

The spare parts can be ordered separately. Please inquire on demand.
Please refer to C·44 for BRB series Bridge Adaptor
Please refer to C·46 for BRB series Sliding

BRB-CC-S系列

BRB-CC-S SERIES



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-270350-CC12-S-A60C	270	350	40	115	-	140	90	7.8	CCMT 120408	S	A60C
BRB-350430-CC12-S-A60C	350	430	40	120	-	140	90	9.4	CCMT 120408	S	A60C
BRB-430510-CC12-S-A60C	430	510	40	125	-	140	90	11.1	CCMT 120408	S	A60C

备件 | Accessary

产品型号 Product ID	①	②	③				
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-270350-CC12-S-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-CC12-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-350430-CC12-S-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-CC12-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-430510-CC12-S-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-CC12-S	248.150.10	241.040.70	241.080.00	246.030.60

可单独订购备件，按需询价。

关于BRB系列桥架式刀座请参阅C·45

关于BRB系列滑块请参阅C·46

The spare parts can be ordered separately. Please inquire on demand.

Please refer to C·45 for BRB series Bridge Adaptor

Please refer to C·46 for BRB series Sliding

BRB-CC-S系列刀夹

BRB-CC-S SERIES CARTRIDGE



技术参数 | Technical parameters

单位 | Unit: mm

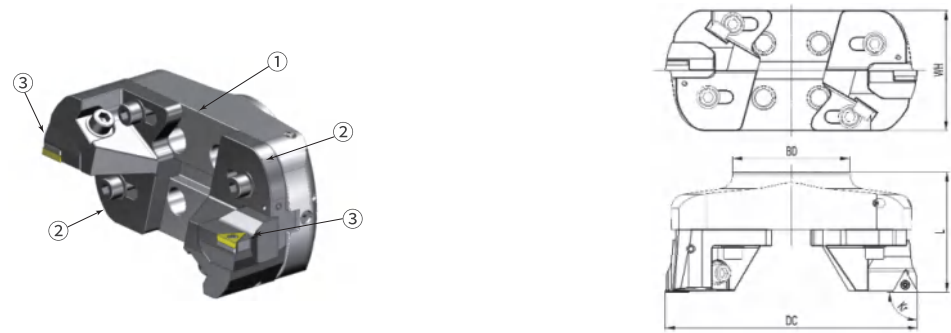
订货号 Ordering code	刀片 Insert	夹紧方式 Clamping
BPRB-CA-CC12-S	CC..120408	S

备件 Accessory				单独订购 Purchase Separately
产品型号 Product ID	①	②	③	 刀片螺钉扳手 Key(Insert)
	刀片螺钉 Screw(Insert)	刀垫 Shim	刀垫螺钉 Screw(Shim)	
BPRB-CA-CC12-S	LID 4014	322.232.02	512.090.03	248.150.10

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BRB-TC-S系列 BRB-TC-S SERIES



- 内冷却液供应
- TCMT TCMX TCGT TCGX TCEX TCMW
- 刀片仅做示意

- Internal coolant supply
- TCMT TCMX TCGT TCGX TCEX TCMW
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

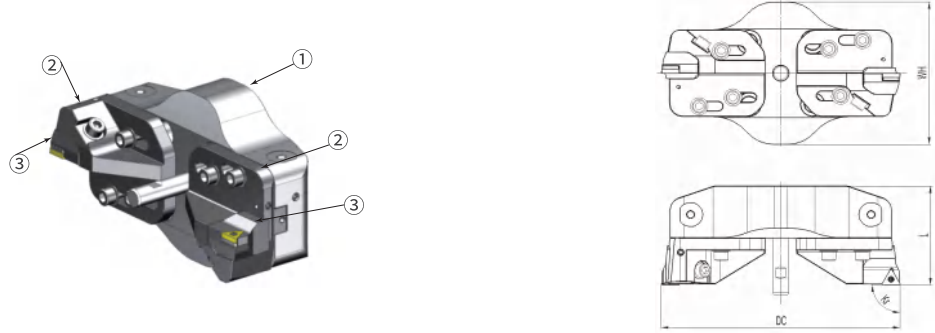
订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-160215-TC16-S-A40C	160	215	27.5	105	100	104	90	4.39	TCMT 16T308	S	A40C
BRB-215270-TC16-S-A40C	215	270	27.5	105	100	104	90	5	TCMT 16T308	S	A40C
BRB-160215-TC22-S-A40C	160	215	27.5	105	100	104	90	4.39	TCMT 220408	S	A40C
BRB-215270-TC22-S-A40C	215	270	27.5	105	100	104	90	5	TCMT 220408	S	A40C

备件 | Accessary

产品型号 Product ID	①	②	③				
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-160215-TC16-S-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-TC16-S	248.150.10	241.035.65	241.080.00	246.030.60
BRB-215270-TC16-S-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-TC16-S	248.150.10	241.035.65	241.080.00	246.030.60
BRB-160215-TC22-S-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-TC22-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-215270-TC22-S-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-TC22-S	248.150.10	241.040.70	241.080.00	246.030.60

可单独订购备件，按需询价。The spare parts can be ordered separately. Please inquire on demand.
关于BRB系列桥架式刀座请参阅C·44 Please refer to C·44 for BRB series Bridge Adaptor
关于BRB系列滑块请参阅C·46 Please refer to C·46 for BRB series Sliding

BRB-TC-S系列 BRB-TC-S SERIES



- 内冷却液供应
- TCMT TCMX TCGT TCGX TCEX TCMW
- 刀片仅做示意

- Internal coolant supply
- TCMT TCMX TCGT TCGX TCEX TCMW
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-270350-TC16-S-A60C	270	350	40	115	-	140	90	7.8	TCMT 16T308	S	A60C
BRB-350430-TC16-S-A60C	350	430	40	120	-	140	90	9.4	TCMT 16T308	S	A60C
BRB-430510-TC16-S-A60C	430	510	40	125	-	140	90	11.1	TCMT 16T308	S	A60C
BRB-270350-TC22-S-A60C	270	350	40	115	-	140	90	7.8	TCMT 220408	S	A60C
BRB-350430-TC22-S-A60C	350	430	40	120	-	140	90	9.4	TCMT 220408	S	A60C
BRB-430510-TC22-S-A60C	430	510	40	125	-	140	90	11.1	TCMT 220408	S	A60C

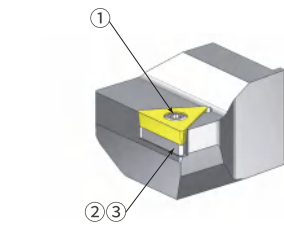
备件 | Accessary

产品型号 Product ID	①	②	③				
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-270350-TC16-S-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-TC16-S	248.150.10	241.035.65	241.080.00	246.030.60
BRB-350430-TC16-S-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-TC16-S	248.150.10	241.035.65	241.080.00	246.030.60
BRB-430510-TC16-S-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-TC16-S	248.150.10	241.035.65	241.080.00	246.030.60
BRB-270350-TC22-S-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-TC22-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-350430-TC22-S-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-TC22-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-430510-TC22-S-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-TC22-S	248.150.10	241.040.70	241.080.00	246.030.60

可单独订购备件，按需询价。The spare parts can be ordered separately. Please inquire on demand.
关于BRB系列桥架式刀座请参阅C·45 Please refer to C·45 for BRB series Bridge Adaptor
关于BRB系列滑块请参阅C·46 Please refer to C·46 for BRB series Sliding

BRB-TC-S系列刀夹

BRB-TC-S SERIES CARTRIDGE



- TCMT TCMX TCGT TCGX TCEX TCMW
 - 刀片仅做示意
- TCMT TCMX TCGT TCGX TCEX TCMW
 - The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

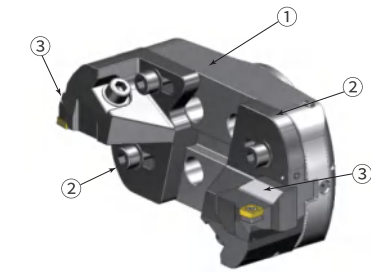
订货号 Ordering code	刀片 Insert	夹紧方式 Clamping
BPRB-CA-TC16-S	TC..16T308	S
BPRB-CA-TC22-S	TC..220408	S

备件 Accessory				单独订购 Purchase Separately
产品型号 Product ID	①	②	③	 刀片螺钉扳手 Key(Insert)
	刀片螺钉 Screw(Insert)	刀垫 Shim	刀垫螺钉 Screw(Shim)	
BPRB-CA-TC16-S	SFS_3512	322.320.01	512.090.01	248.150.10
BPRB-CA-TC22-S	ILD 4014	322.320.02	512.090.03	248.150.10

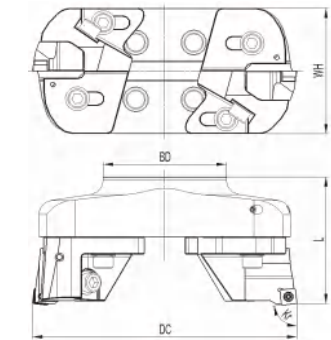
可单独订购备件，按需询价。The spare parts can be ordered separately. Please inquire on demand.

BRB-SC-S系列

BRB-SC-S SERIES



- 内冷却液供应
 - SCMT SCGX SCMW
 - 刀片仅做示意
- Internal coolant supply
 - SCMT SCGX SCMW
 - The insert is for illustration only



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-160215-SC12-S-A40C	160	215	27.5	105	100	104	84	4.39	SCMT 120408	S	A40C
BRB-215270-SC12-S-A40C	215	270	27.5	105	100	104	84	5	SCMT 120408	S	A40C

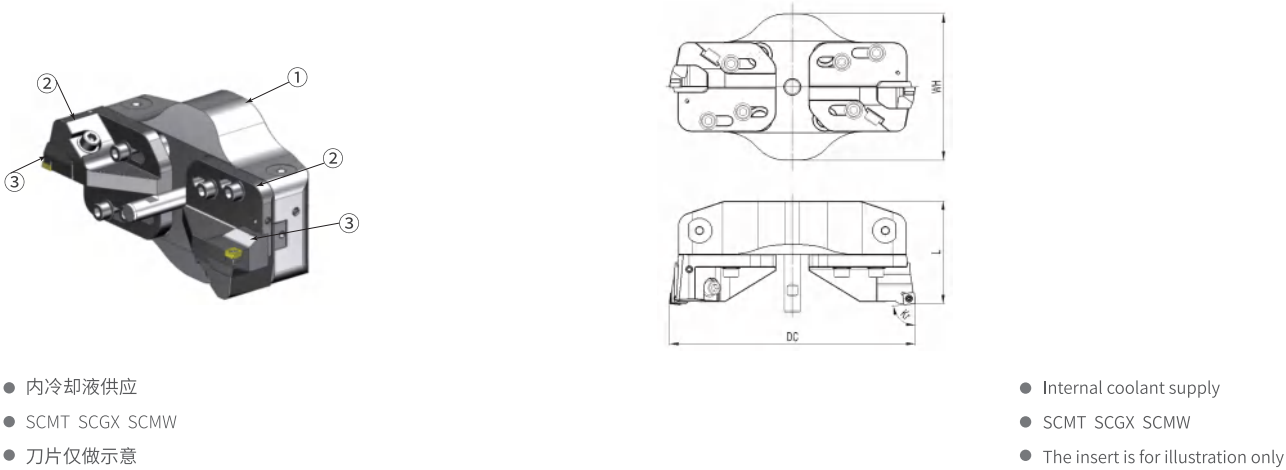
备件 | Accessory

产品型号 Product ID	①	②	③				
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-160215-SC12-S-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-SC12-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-215270-SC12-S-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-SC12-S	248.150.10	241.040.70	241.080.00	246.030.60

可单独订购备件，按需询价。The spare parts can be ordered separately. Please inquire on demand.
关于BRB系列桥架式刀座请参阅C·44Please refer to C·44 for BRB series Bridge Adaptor
关于BRB系列滑块请参阅C·46Please refer to C·46 for BRB series Sliding

BRB-SC-S系列

BRB-SC-S SERIES



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-270350-SC12-S-A60C	270	350	40	115	-	140	84	7.8	SCMT 120408	S	A60C
BRB-350430-SC12-S-A60C	350	430	40	120	-	140	84	9.4	SCMT 120408	S	A60C
BRB-430510-SC12-S-A60C	430	510	40	125	-	140	84	11.1	SCMT 120408	S	A60C

备件 | Accessary

产品型号 Product ID	①	②	③				
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-270350-SC12-S-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-SC12-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-350430-SC12-S-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-SC12-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-430510-SC12-S-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-SC12-S	248.150.10	241.040.70	241.080.00	246.030.60

可单独订购备件，按需询价。

关于BRB系列桥架式刀座请参阅C·45

关于BRB系列滑块请参阅C·46

The spare parts can be ordered separately. Please inquire on demand.

Please refer to C·45 for BRB series Bridge Adaptor

Please refer to C·46 for BRB series Sliding

BRB-SC-S系列刀夹

BRB-SC-S SERIES CARTRIDGE



技术参数 | Technical parameters

单位 | Unit: mm

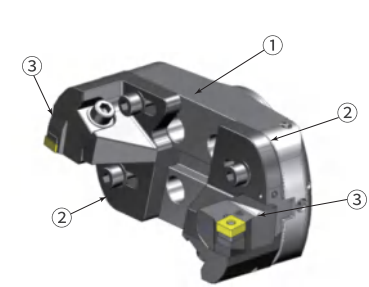
订货号 Ordering code	刀片 Insert	夹紧方式 Clamping
BPRB-CA-SC12-S	SC..120408	S

产品型号 Product ID	备件 Accessary			单独订购 Purchase Separately
	① 刀片螺钉 Screw(Insert)	② 刀垫 Shim	③ 刀垫螺钉 Screw(Shim)	 刀片螺钉扳手 Key(Insert)
BPRB-CA-SC12-S	ILD 4014	322.420.02	512.090.03	248.150.10

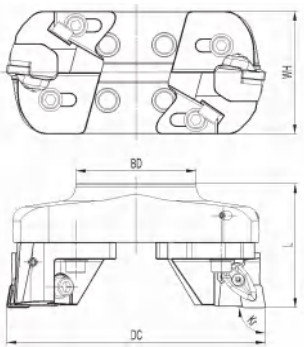
可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BRB-CN-D系列 BRB-CN-D SERIES



- 内冷却液供应
- CNMN CNMG CNMA CNGA
- 刀片仅做示意



- Internal coolant supply
- CNMN CNMG CNMA CNGA
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-160215-CN12-D-A40C	160	215	27.5	105	100	104	90	4.39	CNMG 120408	D	A40C
BRB-215270-CN12-D-A40C	215	270	27.5	105	100	104	90	5	CNMG 120408	D	A40C
BRB-160215-CN16-D-A40C	160	215	27.5	105	100	104	90	4.39	CNMG 160612	D	A40C
BRB-215270-CN16-D-A40C	215	270	27.5	105	100	104	90	5	CNMG 160612	D	A40C
BRB-160215-CN19-D-A40C	160	215	27.5	105	100	104	90	4.39	CNMG 190612	D	A40C
BRB-215270-CN19-D-A40C	215	270	27.5	105	100	104	90	5	CNMG 190612	D	A40C

备件 | Accessary

产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-160215-CN12-D-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-CN12-D	248.150.10	241.080.00	246.030.60
BRB-215270-CN12-D-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-CN12-D	248.150.10	241.080.00	246.030.60
BRB-160215-CN16-D-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-CN16-D	248.200.10	241.080.00	246.030.60
BRB-215270-CN16-D-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-CN16-D	248.200.10	241.080.00	246.030.60
BRB-160215-CN19-D-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-CN19-D	248.200.10	241.080.00	246.030.60
BRB-215270-CN19-D-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-CN19-D	248.200.10	241.080.00	246.030.60

可单独订购备件，按需询价。

关于BRB系列桥架式刀座请参阅C·44

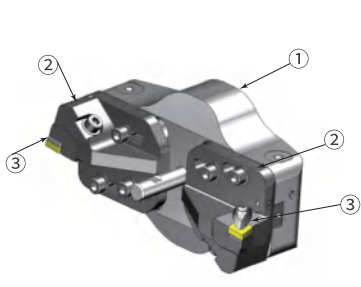
关于BRB系列滑块请参阅C·46

The spare parts can be ordered separately. Please inquire on demand.

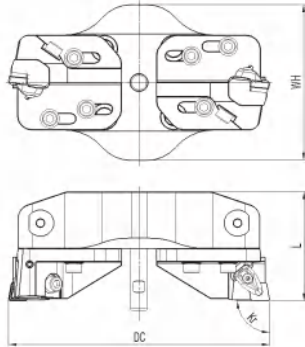
Please refer to C·44 for BRB series Bridge Adaptor

Please refer to C·46 for BRB series Sliding

BRB-CN-D系列 BRB-CN-D SERIES



- 内冷却液供应
- CNMN CNMG CNMA CNGA
- 刀片仅做示意



- Internal coolant supply
- CNMN CNMG CNMA CNGA
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-270350-CN12-D-A60C	270	350	40	115	-	140	90	7.8	CNMG 120408	D	A60C
BRB-350430-CN12-D-A60C	350	430	40	120	-	140	90	9.4	CNMG 120408	D	A60C
BRB-430510-CN12-D-A60C	430	510	40	125	-	140	90	11.1	CNMG 120408	D	A60C
BRB-270350-CN16-D-A60C	270	350	40	115	-	140	90	7.8	CNMG 160612	D	A60C
BRB-350430-CN16-D-A60C	350	430	40	120	-	140	90	9.4	CNMG 160612	D	A60C
BRB-430510-CN16-D-A60C	430	510	40	125	-	140	90	11.1	CNMG 160612	D	A60C
BRB-270350-CN19-D-A60C	270	350	40	115	-	140	90	7.8	CNMG 190612	D	A60C
BRB-350430-CN19-D-A60C	350	430	40	120	-	140	90	9.4	CNMG 190612	D	A60C
BRB-430510-CN19-D-A60C	430	510	40	125	-	140	90	11.1	CNMG 190612	D	A60C

转下页 see next page →

BRB-CN-D系列

BRB-CN-D SERIES

备件 | Accessary

产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-270350-CN12-D-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-CN12-D	248.150.10	241.080.00	246.030.60
BRB-350430-CN12-D-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-CN12-D	248.150.10	241.080.00	246.030.60
BRB-430510-CN12-D-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-CN12-D	248.150.10	241.080.00	246.030.60
BRB-270350-CN16-D-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-CN16-D	248.200.10	241.080.00	246.030.60
BRB-350430-CN16-D-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-CN16-D	248.200.10	241.080.00	246.030.60
BRB-430510-CN16-D-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-CN16-D	248.200.10	241.080.00	246.030.60
BRB-270350-CN19-D-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-CN19-D	248.200.10	241.080.00	246.030.60
BRB-350430-CN19-D-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-CN19-D	248.200.10	241.080.00	246.030.60
BRB-430510-CN19-D-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-CN19-D	248.200.10	241.080.00	246.030.60

可单独订购备件，按需询价。

关于BRB系列桥架式刀座请参阅C·45

关于BRB系列滑块请参阅C·46

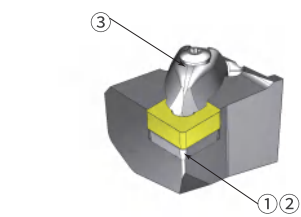
The spare parts can be ordered separately. Please inquire on demand.

Please refer to C·45 for BRB series Bridge Adaptor

Please refer to C·46 for BRB series Sliding

BRB-CN-D系列刀夹

BRB-CN-D SERIES CARTRIDGE



- CNMN CNMG CNMA CNGA
 - 刀片仅做示意
- CNMN CNMG CNMA CNGA
 - The insert is for illustration only

技术参数 | Technical parameters

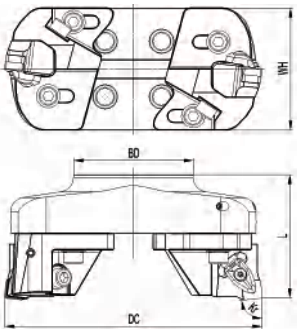
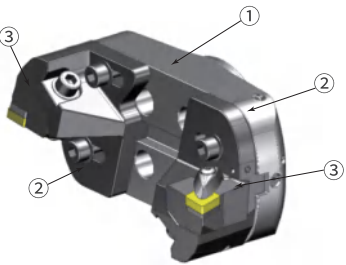
订货号 Ordering code	刀片 Insert	夹紧方式 Clamping
BPRB-CA-CN12-D	CN..120408	D
BPRB-CA-CN16-D	CN..160612	D
BPRB-CA-CN19-D	CN..190612	D

备件 Accessary				单独订购 Purchase Separately
产品型号 Product ID	①	②	③	 刀片螺钉扳手 Key(Insert)
	刀垫 Shim	刀垫螺钉 Screw(Shim)	压板组件 Clamp Set	
BPRB-CA-CN12-D	322.236.03	SFS 4085	412.028.21	248.150.10
BPRB-CA-CN16-D	322.234.03	SFS 5011	412.028.31	248.200.10
BPRB-CA-CN19-D	322.236.01	SFS 5011	412.028.41	248.200.10

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BRB-SN-D系列 BRB-SN-D SERIES



- 内冷却液供应
- SNMM SNMG SNMA SNGA
- 刀片仅做示意

- Internal coolant supply
- SNMM SNMG SNMA SNGA
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-160215-SN12-D-A40C	160	215	27.5	105	100	104	84	4.39	SNMG 120408	D	A40C
BRB-215270-SN12-D-A40C	215	270	27.5	105	100	104	84	5	SNMG 120408	D	A40C
BRB-160215-SN15-D-A40C	160	215	27.5	105	100	104	84	4.39	SNMG 150612	D	A40C
BRB-215270-SN15-D-A40C	215	270	27.5	105	100	104	84	5	SNMG 150612	D	A40C

备件 | Accessary

产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-160215-SN12-D-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-SN12-D	248.150.10	241.080.00	246.030.60
BRB-215270-SN12-D-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-SN12-D	248.150.10	241.080.00	246.030.60
BRB-160215-SN15-D-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-SN15-D	248.200.10	241.080.00	246.030.60
BRB-215270-SN15-D-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-SN15-D	248.200.10	241.080.00	246.030.60

可单独订购备件，按需询价。

关于BRB系列桥架式刀座请参阅C·44

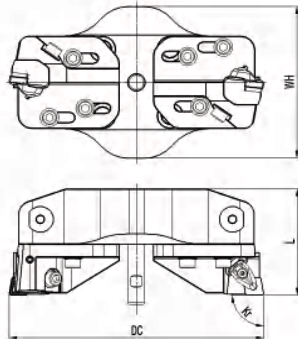
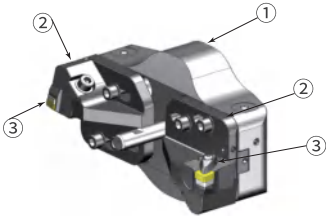
关于BRB系列滑块请参阅C·46

The spare parts can be ordered separately. Please inquire on demand.

Please refer to C·44 for BRB series Bridge Adaptor

Please refer to C·46 for BRB series Sliding

BRB-SN-D系列 BRB-SN-D SERIES



- 内冷却液供应
- SNMM SNMG SNMA SNGA
- 刀片仅做示意

- Internal coolant supply
- SNMM SNMG SNMA SNGA
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-270350-SN12-D-A60C	270	350	40	115	-	140	84	7.8	SNMG 120408	D	A60C
BRB-350430-SN12-D-A60C	350	430	40	120	-	140	84	9.4	SNMG 120408	D	A60C
BRB-430510-SN12-D-A60C	430	510	40	125	-	140	84	11.1	SNMG 120408	D	A60C
BRB-270350-SN15-D-A60C	270	350	40	115	-	140	84	7.8	SNMG 150612	D	A60C
BRB-350430-SN15-D-A60C	350	430	40	120	-	140	84	9.4	SNMG 150612	D	A60C
BRB-430510-SN15-D-A60C	430	510	40	125	-	140	84	11.1	SNMG 150612	D	A60C

备件 | Accessary

产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-270350-SN12-D-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-SN12-D	248.150.10	241.080.00	246.030.60
BRB-350430-SN12-D-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-SN12-D	248.150.10	241.080.00	246.030.60
BRB-430510-SN12-D-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-SN12-D	248.150.10	241.080.00	246.030.60
BRB-270350-SN15-D-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-SN15-D	248.200.10	241.080.00	246.030.60
BRB-350430-SN15-D-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-SN15-D	248.200.10	241.080.00	246.030.60
BRB-430510-SN15-D-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-SN15-D	248.200.10	241.080.00	246.030.60

可单独订购备件，按需询价。

关于BRB系列桥架式刀座请参阅C·45

关于BRB系列滑块请参阅C·46

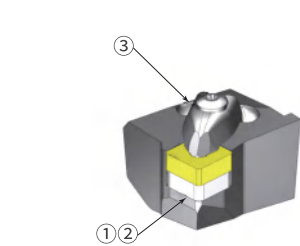
The spare parts can be ordered separately. Please inquire on demand.

Please refer to C·45 for BRB series Bridge Adaptor

Please refer to C·46 for BRB series Sliding

BRB-SN-D系列刀夹

BRB-SN-D SERIES CARTRIDGE



- SNMM SNMG SNMA SNGA
 - 刀片仅做示意
- SNMM SNMG SNMA SNGA
 - The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	刀片 Insert	夹紧方式 Clamping
BPRB-CA-SN12-D	SN..120408	D
BPRB-CA-SN15-D	SN..150612	D

备件 Accessory				单独订购 Purchase Separately
产品型号 Product ID	①	②	③	 刀片螺钉扳手 Key(Insert)
	刀垫 Shim	刀垫螺钉 Screw(Shim)	压板组件 Clamp Set	
BPRB-CA-SN12-D	322.426.02	SFS 4085	412.028.21	248.150.10
BPRB-CA-SN15-D	322.425.03	SFS 5011	412.028.31	248.200.10

可单独订购备件，按需询价。

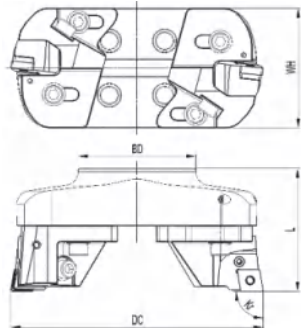
The spare parts can be ordered separately. Please inquire on demand.

BRB-CN-P系列

BRB-CN-P SERIES



- 内冷却液供应
 - CNMM CNMG CNMA CNGA
 - 刀片仅做示意
- Internal coolant supply
 - CNMM CNMG CNMA CNGA
 - The insert is for illustration only



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-160215-CN12-P-A40C	160	215	27.5	105	100	104	90	4.39	CNMG120408	P	A40C
BRB-215270-CN12-P-A40C	215	270	27.5	105	100	104	90	5	CNMG120408	P	A40C
BRB-160215-CN16-P-A40C	160	215	27.5	105	100	104	90	4.39	CNMG160612	P	A40C
BRB-215270-CN16-P-A40C	215	270	27.5	105	100	104	90	5	CNMG160612	P	A40C
BRB-160215-CN19-P-A40C	160	215	27.5	107	100	104	90	4.39	CNMG190612	P	A40C
BRB-215270-CN19-P-A40C	215	270	27.5	107	100	104	90	5	CNMG190612	P	A40C

备件 | Accessory

产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-160215-CN12-P-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-CN12-P	241.030.63	241.080.00	246.030.60
BRB-215270-CN12-P-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-CN12-P	241.030.63	241.080.00	246.030.60
BRB-160215-CN16-P-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-CN16-P	241.030.63	241.080.00	246.030.60
BRB-215270-CN16-P-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-CN16-P	241.030.63	241.080.00	246.030.60
BRB-160215-CN19-P-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-CN19-P	241.040.70	241.080.00	246.030.60
BRB-215270-CN19-P-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-CN19-P	241.040.70	241.080.00	246.030.60

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

关于BRB系列桥架式刀座请参阅C·44

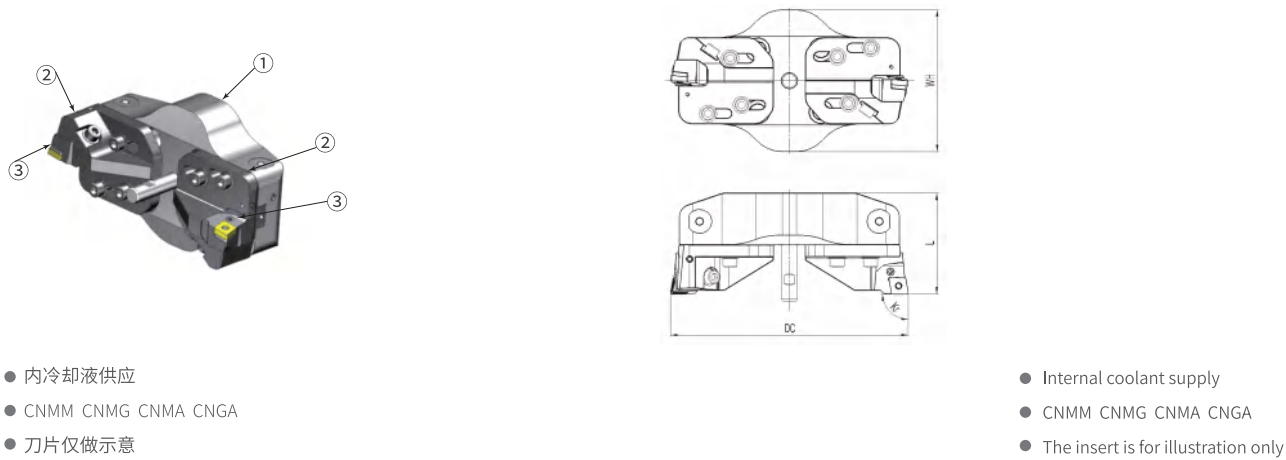
Please refer to C·44 for BRB series Bridge Adaptor

关于BRB系列滑块请参阅C·46

Please refer to C·46 for BRB series Sliding

BRB-CN-P系列

BRB-CN-P SERIES



技术参数 | Technical parameters

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-270350-CN12-P-A60C	270	350	40	115	-	140	90	7.8	CNMG120408	P	A60C
BRB-350430-CN12-P-A60C	350	430	40	120	-	140	90	9.4	CNMG120408	P	A60C
BRB-430510-CN12-P-A60C	430	510	40	125	-	140	90	11.1	CNMG120408	P	A60C
BRB-270350-CN16-P-A60C	270	350	40	115	-	140	90	7.8	CNMG160612	P	A60C
BRB-350430-CN16-P-A60C	350	430	40	120	-	140	90	9.4	CNMG160612	P	A60C
BRB-430510-CN16-P-A60C	430	510	40	125	-	140	90	11.1	CNMG160612	P	A60C
BRB-270350-CN19-P-A60C	270	350	40	117	-	140	90	7.8	CNMG 190612	P	A60C
BRB-350430-CN19-P-A60C	350	430	40	122	-	140	90	9.4	CNMG 190612	P	A60C
BRB-430510-CN19-P-A60C	430	510	40	127	-	140	90	11.1	CNMG 190612	P	A60C

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BRB-CN-P系列

BRB-CN-P SERIES

备件 | Accessary

产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-270350-CN12-P-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-CN12-P	241.030.63	241.080.00	246.030.60
BRB-350430-CN12-P-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-CN12-P	241.030.63	241.080.00	246.030.60
BRB-430510-CN12-P-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-CN12-P	241.030.63	241.080.00	246.030.60
BRB-270350-CN16-P-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-CN16-P	241.030.63	241.080.00	246.030.60
BRB-350430-CN16-P-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-CN16-P	241.030.63	241.080.00	246.030.60
BRB-430510-CN16-P-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-CN16-P	241.030.63	241.080.00	246.030.60
BRB-270350-CN19-P-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-CN19-P	241.040.70	241.080.00	246.030.60
BRB-350430-CN19-P-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-CN19-P	241.040.70	241.080.00	246.030.60
BRB-430510-CN19-P-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-CN19-P	241.040.70	241.080.00	246.030.60

可单独订购备件，按需询价。

关于BRB系列桥架式刀座请参阅C·45

关于BRB系列滑块请参阅C·46

The spare parts can be ordered separately. Please inquire on demand.

Please refer to C·45 for BRB series Bridge Adaptor

Please refer to C·46 for BRB series Sliding

BRB-CN-P系列刀夹

BRB-CN-D SERIES CARTRIDGE



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	刀片 Insert	夹紧方式 Clamping
BPRB-CA-CN12-P	CN..120408	P
BPRB-CA-CN16-P	CN..160612	P
BPRB-CA-CN19-P	CN..190612	P

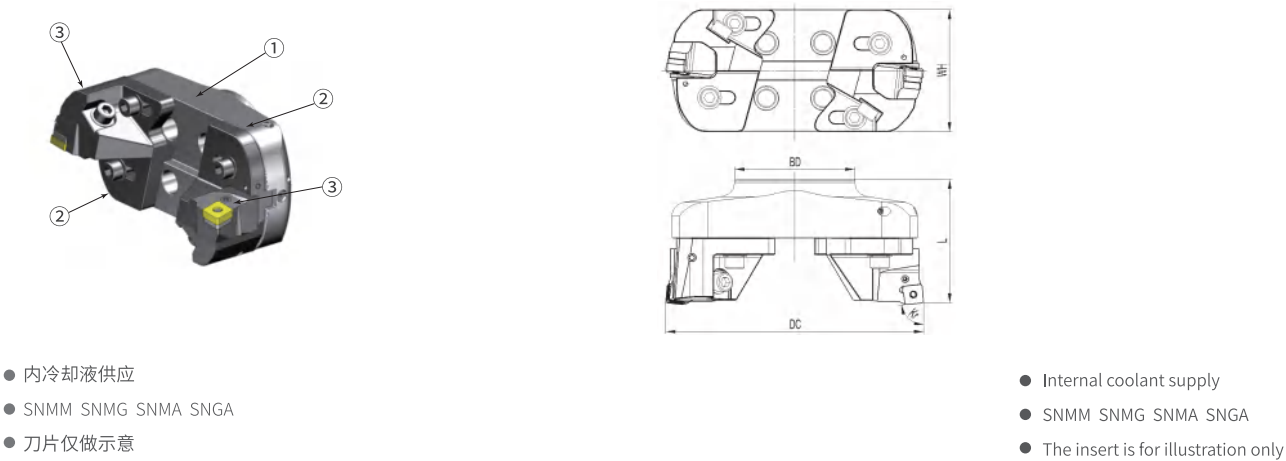
备件 Accessory				单独订购 Purchase Separately
产品型号 Product ID	①	②	③	 扳手 Key
	杠杆 Lever	螺钉 Screw	刀垫 Shim	
BPRB-CA-CN12-P	413.438.41	414.438.21	322.318.50	241.030.63
BPRB-CA-CN16-P	413.838.40	414.838.31	322.318.52	241.030.63
BPRB-CA-CN19-P	413.438.42	414.438.22	322.318.51	241.040.70

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BRB-SN-P系列

BRB-SN-P SERIES



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-160215-SN12-P-A40C	160	215	27.5	105	100	104	84	4.39	SNMG120408	P	A40C
BRB-215270-SN12-P-A40C	215	270	27.5	105	100	104	84	5	SNMG120408	P	A40C
BRB-160215-SN15-P-A40C	160	215	27.5	105	100	104	84	4.39	SNMG150612	P	A40C
BRB-215270-SN15-P-A40C	215	270	27.5	105	100	104	84	5	SNMG150612	P	A40C

备件 | Accessory

产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-160215-SN12-P-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-SN12-P	241.030.63	241.080.00	246.030.60
BRB-215270-SN12-P-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-SN12-P	241.030.63	241.080.00	246.030.60
BRB-160215-SN15-P-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-SN15-P	241.030.63	241.080.00	246.030.60
BRB-215270-SN15-P-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-SN15-P	241.030.63	241.080.00	246.030.60

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

关于BRB系列桥架式刀座请参阅C·44

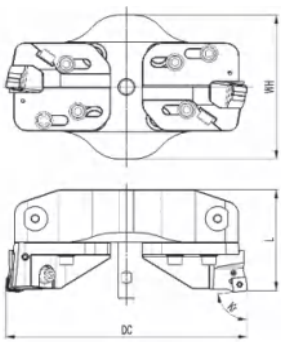
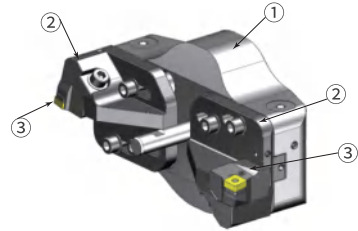
Please refer to C·44 for BRB series Bridge Adaptor

关于BRB系列滑块请参阅C·46

Please refer to C·46 for BRB series Sliding

BRB-SN-P系列

BRB-SN-P SERIES



- 内冷却液供应
- SNMM SNMG SNMA SNGA
- 刀片仅做示意

- Internal coolant supply
- SNMM SNMG SNMA SNGA
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BRB-270350-SN12-P-A60C	270	350	40	115	-	140	84	7.8	SNMG120408	P	A60C
BRB-350430-SN12-P-A60C	350	430	40	120	-	140	84	9.4	SNMG120408	P	A60C
BRB-430510-SN12-P-A60C	430	510	40	125	-	140	84	11.1	SNMG120408	P	A60C
BRB-270350-SN15-P-A60C	270	350	40	115	-	140	84	7.8	SNMG150612	P	A60C
BRB-350430-SN15-P-A60C	350	430	40	120	-	140	84	9.4	SNMG150612	P	A60C
BRB-430510-SN15-P-A60C	430	510	40	125	-	140	84	11.1	SNMG150612	P	A60C

备件 | Accessory

产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-270350-SN12-P-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-SN12-P	241.030.63	241.080.00	246.030.60
BRB-350430-SN12-P-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-SN12-P	241.030.63	241.080.00	246.030.60
BRB-430510-SN12-P-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-SN12-P	241.030.63	241.080.00	246.030.60
BRB-270350-SN15-P-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-SN15-P	241.030.63	241.080.00	246.030.60
BRB-350430-SN15-P-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-SN15-P	241.030.63	241.080.00	246.030.60
BRB-430510-SN15-P-A60C	BPDB-A60C-430070	BPRB-SL-270	BPRB-CA-SN15-P	241.030.63	241.080.00	246.030.60

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

关于BRB系列桥架式刀座请参阅C·45

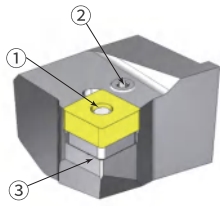
Please refer to C·45for BRB series Bridge Adaptor

关于BRB系列滑块请参阅C·46

Please refer to C·46 for BRB series Sliding

BRB-SN-P系列刀夹

BRB-SN-P SERIES CARTRIDGE



- SNMM SNMG SNMA SNGA
- 刀片仅做示意

- SNMM SNMG SNMA SNGA
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	刀片 Insert	夹紧方式 Clamping
BPRB-CA-SN12-P	SN..120408	P
BPRB-CA-SN15-P	SN..150612	P

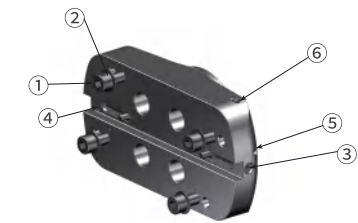
备件 Accessory				单独订购 Purchase Separately
产品型号 Product ID	①	②	③	 扳手 Key
	杠杆 Lever	螺钉 Screw	刀垫 Shim	
BPRB-CA-SN12-P	413.438.41	414.438.21	322.438.51	241.030.63
BPRB-CA-SN15-P	413.838.40	414.838.31	322.438.57	241.030.63

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BRB系列桥架式刀座

BRB SERIES BRIDGE ADAPTOR



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	直径范围 Fitting Range	接口 Coupling
BPDB-A40C-160050	160-215	A40C
BPDB-A40C-215050	215-270	A40C

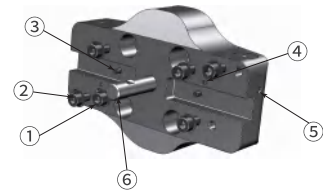
备件 Accessory							单独订购 Purchase Separately	
产品型号 Product ID	①	②	③	④	⑤	⑥		
	锁紧螺钉 Screw(Lock)	蝶形弹簧垫圈 Shim	调整螺钉 Screw(Adj.)	挡销 Pin(Stop)	堵丝 Nozzle	堵丝 Nozzle	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BPDB-A40C-160050	113.100.30	136.100.11	519.091.01	212.230.207	251.050.05	-	241.080.00	246.030.60
BPDB-A40C-215050	113.100.30	136.100.11	519.091.01	212.230.207	251.050.05	251.060.06	241.080.00	246.030.60

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BRB系列桥架式刀座

BRB SERIES BRIDGE ADAPTOR



技术参数 | Technical parameters

单位 | Unit: mm

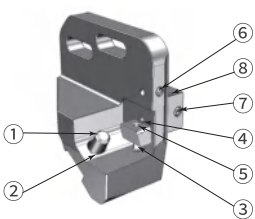
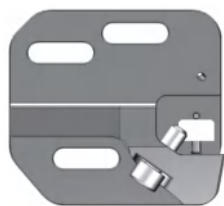
订货号 Ordering code	直径范围 Fitting Range	接口 Coupling
BPDB-A60C-270060	270-350	A60C
BPDB-A60C-350065	350-430	A60C
BPDB-A60C-430070	430-510	A60C

备件 Accessory							单独订购 Purchase Separately
产品型号 Product ID	①	②	③	④	⑤	⑥	
	锁紧螺钉 Screw(Lock)	蝶形弹簧垫圈 Shim	圆柱销 Pin	堵丝 Nozzle	堵丝 Nozzle	测量销 Pin(Measuring)	锁紧螺钉扳手 Key(Screw)
BPDB-A60C-270060	113.100.30	136.100.11	171.060.16	251.050.05	251.060.06	MP-1875	241.080.00
BPDB-A60C-350065	113.100.30	136.100.11	171.060.16	251.050.05	251.080.08	MP-1875	241.080.00
BPDB-A60C-430070	113.100.30	136.100.11	171.060.16	251.050.05	251.080.08	MP-1875	241.080.00

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BRB系列滑块
BRB SERIES SLIDE



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	直径范围 Fitting Range
BPRB-SL-160	160-270
BPRB-SL-270	270-510

备件 Accessory									单独订购 Purchase Separately	
产品型号 Product ID	①	②	③	④	⑤	⑥	⑦	⑧		
	锁紧螺钉 Screw(Lock)	蝶形弹簧垫圈 Shim	双头螺丝 Studs	挡销 Pin(Stop)	楔块 Wedge	堵丝 Nozzle	调整螺钉 Screw(Adj.)	堵丝 Nozzle		
BPRB-SL-160	113.100.25	136.100.11	115.060.25	212.230.207	288.060.01	251.050.05	-	-	241.080.00	246.030.60
BPRB-SL-270	113.100.25	136.100.11	115.060.25	212.230.207	288.060.01	251.050.05	214.020.368	254.030.10	241.080.00	246.030.60

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

精镗刀BFA系列| BFA SERIES

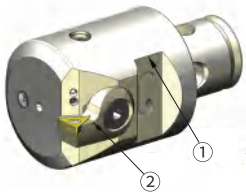


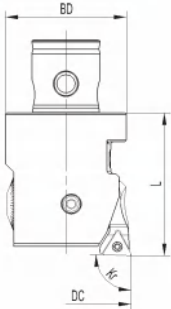
- 适用于Φ20-Φ160mm的孔径精加工；
- 加工孔径公差可达IT6级；
- 直径调节精度0.002mm；

- Apply to Φ 20- Φ 160mm aperture finishing;
- Machining aperture tolerance can reach IT6;
- Diameter adjustment accuracy: 0.002mm;

BFA-TC系列

BFA-TC SERIES







最小底孔直径 = B + (反镗直径/2)

- 内冷却液供应
- TCMT TCMX TCGT TCGX TCEX TCMW
- 刀片仅做示意

- Internal coolant supply
- TCMT TCMX TCGT TCGX TCEX TCMW
- The insert is for illustration only

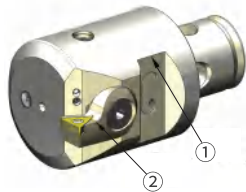
技术参数 | Technical parameters

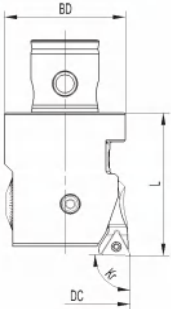
单位 | Unit: mm

订货号 Ordering code	加长垫圈组件 ³⁾ Extended washer assembly ³⁾	加长垫圈组件数量 Quantity	正镗 Positive boring			
			镗削范围 Boring Range(DC)		尺寸 Dimension	
			Min.	Max.	L	BD
BFA-020025-TC06-S-CKB1	-	-	20	25	33	19
	BPFA-WS-025A	1	25	30		
	BPFA-WS-025A	2 ²⁾	30	35		
BFA-025032-TC06-S-CKB2	-	-	25	32	36	23.5
	BPFA-WS-035A	1	32	39		
	BPFA-WS-035A	2 ²⁾	39	46		
BFA-032042-TC09-S-CKB3	-	-	32	42	43	31
	BPFA-WS-050B	1	42	52		
	BPFA-WS-050B	2 ²⁾	52	62		
BFA-042055-TC09-S-CKB4	-	-	42	55	47	39
	BPFA-WS-050B	1	52	65		
	BPFA-WS-050B	2 ²⁾	62	75		
BFA-055070-TC11-S-CKB5	-	-	55	70	57	50
	BPFA-WS-060C	1	67	82		
	BPFA-WS-060C	2 ²⁾	79	94		
BFA-070100-TC11-S-CKB6	-	-	70	100	71	64
	BPFA-WS-125C	1	95	125		
	BPFA-WS-125C	2 ²⁾	120	150		

BFA-TC系列

BFA-TC SERIES







最小底孔直径 = B + (反镗直径/2)

- 内冷却液供应
- TCMT TCMX TCGT TCGX TCEX TCMW
- 刀片仅做示意

- Internal coolant supply
- TCMT TCMX TCGT TCGX TCEX TCMW
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

反镗 Reverse boring					主偏角 Main declination	重量 m	刀片 Insert	接口 Coupling
镗削范围 Boring Range(DC)		尺寸 Dimension						
Min.	Max.	L1	L2	B				
-	-	11	19.5	10.5	92	0.07	TCMT 06T102	CKB1
27	30							
30	35							
-	-	14	19.5	12.5	92	0.12	TCMT 06T102	CKB2
32	39							
39	46							
40	42	9	31	16.5	92	0.24	TCMT 090204	CKB3
42	52							
52	62							
49	55	13	31	20.5	92	0.43	TCMT 090204	CKB4
52	65							
62	75							
62	70	11	42	26	92	0.84	TCMT 110304 TCMT 110204 1)	CKB5
67	82							
79	94							
78	100	25	42	33	92	1.83	TCMT 110304 TCMT 110204 1)	CKB6
95	125							
120	150							

转下页 see next page →

BFA-TC系列

BFA-TC SERIES

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	加长垫圈组件 ³⁾ Extended washer assembly ³⁾	加长垫圈组件数量 Quantity	正镗 Positive boring			
			镗削范围 Boring Range(DC)		尺寸 Dimension	
			Min.	Max.	L	BD
BFA-100160-TC11-S-CKB6	-	-	100	160	73	64
	BPFA-WS-125D	1	125	185		
	BPFA-WS-125D	2 ²⁾	150	210		
BFA-100160-TC11-S-CKB7	-	-	100	160	89	90
	BPFA-WS-125D	1	125	185		
	BPFA-WS-125D	2 ²⁾	150	210		

注：“1）”表示此刀片型号的刀夹需要单独订购
“2）”表示需要2个加长垫圈组件
“3）”表示加长垫圈组件需要单独订购

BFA-TC系列

BFA-TC SERIES

技术参数 | Technical parameters

单位 | Unit: mm

反镗 Reverse boring					主偏角 Main declination	重量 m	刀片 Insert	接口 Coupling
镗削范围 Boring Range(DC)		尺寸 Dimension						
Min.	Max.	L1	L2	B	Kr	Kg		
108	160	23	46	47.5	92	2.92	TCMT 110304 TCMT 110204 1)	CKB6
125	185							
150	210							
108	160	39	46	47.5	92	4.28	TCMT 110304 TCMT 110204 1)	CKB7
125	185							
150	210							

Note: "1)" Indicates that the cartridge matching this insert model needs to be ordered separately
"2)" Indicates that 2 extended washer assemblies are required
"3)" Indicates that the extended washer assembly needs to be ordered separately

备件 | Accessary

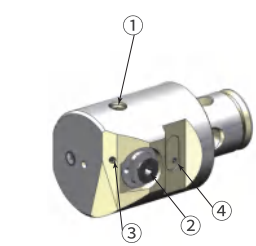
产品型号 Product ID	①	②			
	刀座 Adaptor	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	堵丝扳手 Key(Nozzle)	锁紧螺钉扳手 Key(Screw)
BFA-020025-TC06-S-CKB1	BPFA-CKB1-020022	BPFA-CA-0511TC06-S	242.060.35	241.009.34	247.020.100
BFA-025032-TC06-S-CKB2	BPFA-CKB2-025025	BPFA-CA-0511TC06-S	242.060.35	241.009.34	247.020.100
BFA-032042-TC09-S-CKB3	BPFA-CKB3-032026	BPFA-CA-0717TC09-S	242.070.35	241.009.34	247.030.100
BFA-042055-TC09-S-CKB4	BPFA-CKB4-042030	BPFA-CA-0717TC09-S	242.070.35	241.009.34	247.030.100
BFA-055070-TC11-S-CKB5	BPFA-CKB5-055034	BPFA-CA-1023TC1102-S ¹⁾	242.070.35	241.009.34	247.040.100
		BPFA-CA-1023TC11-S			
BFA-070100-TC11-S-CKB6	BPFA-CKB6-070048	BPFA-CA-1023TC1102-S ¹⁾	242.070.35	241.009.34	247.040.100
		BPFA-CA-1023TC11-S			
BFA-100160-TC11-S-CKB6	BPFA-CKB6-100048	BPFA-CA-1025TC1102-S ¹⁾	242.070.35	241.009.34	247.040.100
		BPFA-CA-1025TC11-S			
BFA-100160-TC11-S-CKB7	BPFA-CKB7-100064	BPFA-CA-1025TC1102-S ¹⁾	242.070.35	241.009.34	247.040.100
		BPFA-CA-1025TC11-S			

注：“1）”表示此刀夹需要单独订购；
可单独订购备件，按需询价。

Note: "1)" Indicates that the cartridge needs to be ordered separately;
The spare parts can be ordered separately. Please inquire on demand.

BFA-TC系列刀座

BFA-TC SERIES ADAPTOR



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	直径范围 Fitting Range	接口 Coupling
BPFA-CKB1-020022	20-25	CKB1
BPFA-CKB2-025025	25-32	CKB2
BPFA-CKB3-032026	32-42	CKB3
BPFA-CKB4-042030	42-55	CKB4
BPFA-CKB5-055034	55-70	CKB5
BPFA-CKB6-070048	70-100	CKB6
BPFA-CKB6-100048	100-160	CKB6
BPFA-CKB7-100064	100-160	CKB7

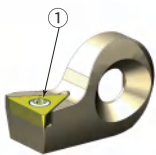
备件 Accessory					单独订购 Purchase Separately	
产品型号 Product ID	①	②	③	④		
	锁紧螺钉 Screw(Lock)	刀夹锁紧螺钉 Screw(Cartridge)	堵丝 Nozzle	堵丝 Nozzle	堵丝扳手 Key(Nozzle)	锁紧螺钉扳手 Key(Screw)
BPFA-CKB1-020022	119.040.05	111.035.06	251.020.03	-	241.009.34	247.020.100
BPFA-CKB2-025025	119.040.06	111.035.06	251.020.03	-	241.009.34	247.020.100
BPFA-CKB3-032026	119.060.08	111.050.08	251.020.03	-	241.009.34	247.030.100
BPFA-CKB4-042030	119.060.10	111.050.08	251.020.03	-	241.009.34	247.030.100
BPFA-CKB5-055034	119.080.12	111.080.12	251.020.03	-	241.009.34	247.040.100
BPFA-CKB6-070048	119.080.16	111.080.12	251.020.03	-	241.009.34	247.040.100
BPFA-CKB6-100048	119.080.20	111.080.12	251.020.03	251.030.03	241.009.34	247.040.100
BPFA-CKB7-100064	119.080.20	111.080.12	251.020.03	251.030.03	241.009.34	247.040.100

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BFA-TC系列刀夹

BFA-TC SERIES CARTRIDGE



- TCMT TCMX TCGT TCGX TCEX TCMW
- 刀片仅做示意

- TCMT TCMX TCGT TCGX TCEX TCMW
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

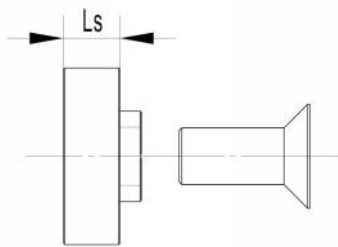
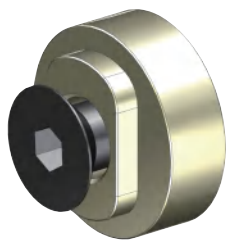
订货号 Ordering code	刀片 Insert	夹紧方式 Clamping
BPFA-CA-0511TC06-S	TC..06T102	S
BPFA-CA-0717TC09-S	TC..090204	S
BPFA-CA-1023TC1102-S	TC..110204	S
BPFA-CA-1023TC11-S	TC..110304	S
BPFA-CA-1025TC1102-S	TC..110204	S
BPFA-CA-1025TC11-S	TC..110304	S

备件 Accessory		单独订购 Purchase Separately
产品型号 Product ID	①	
	刀片螺钉 Screw(Insert)	刀片螺钉扳手 Key(Insert)
BPFA-CA-0511TC06-S	ILD2042	242.060.35
BPFA-CA-0717TC09-S	ILD 2264	242.070.35
BPFA-CA-1023TC1102-S	SFS 2565	242.070.35
BPFA-CA-1023TC11-S	SFS 2565	242.070.35
BPFA-CA-1025TC1102-S	SFS 2565	242.070.35
BPFA-CA-1025TC11-S	SFS 2565	242.070.35

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BFA-TC系列加长垫圈组件 BFA-TC SERIES EXTENDED WASHER ASSEMBLY



技术参数 | Technical parameters

单位 | Unit: mm

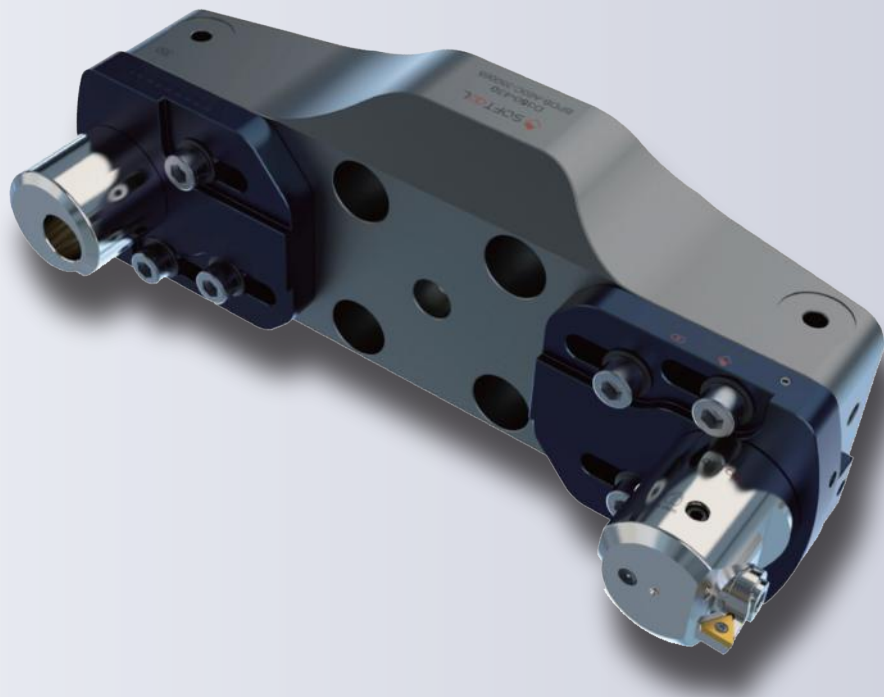
订货号 Ordering code	尺寸 Dimension	
	Ls	
BPFA-WS-025A	2.5	
BPFA-WS-035A	3.5	
BPFA-WS-050B	5	
BPFA-WS-060C	6	
BPFA-WS-125C	12.5	
BPFA-WS-125D	12.5	

备件 Accessary			单独订购 Purchase Separately
产品型号 Product ID	锁紧螺钉 Screw(Lock)		 锁紧螺钉扳手 Key(Screw)
BPFA-WS-025A	111.035.09	111.035.11	247.020.100
BPFA-WS-035A	111.035.09	111.035.13	247.020.100
BPFA-WS-050B	111.050.14	111.050.19	247.030.100
BPFA-WS-060C	111.080.18	111.080.25	247.040.100
BPFA-WS-125C	111.080.25	111.080.37	247.040.100
BPFA-WS-125D	111.080.25	111.080.37	247.040.100

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

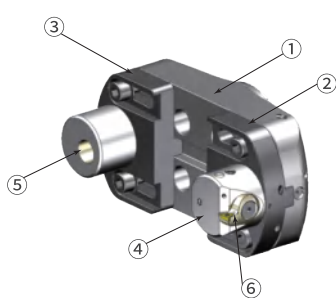
精镗刀BFB系列| BFB SERIES



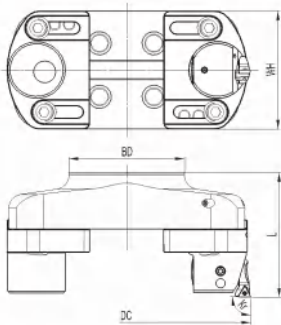
- 用于Φ160-Φ525mm的孔径精加工；
 - 加工孔径公差可达IT6级；
 - 航空铝桥架具有较轻的重量可减少主轴负载（与粗镗B系列通用）；
 - 直径调节精度0.002mm；
 - 可进行径向调节。
- Apply to Φ 160- Φ 525mm aperture finishing;
 - Machining aperture tolerancecan reach IT6;
 - Aviation aluminum bridge with less weight can reduce the spindle load (common with rough boring BRB Series);
 - Diameter adjustment accuracy: 0.002mm;
 - Radial adjustment is available.

BFB-TC系列

BFB-TC SERIES



- 内冷却液供应
- TCMT TCMX TCGT TCGX TCEX TCMW
- 刀片仅做示意



- Internal coolant supply
- TCMT TCMX TCGT TCGX TCEX TCMW
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	BD	WH	Kr	KG			
BFB-160230-TC11-S-A40C	160	230	70	118	100	104	92	4.5	TCMT 110304 TCMT 110204 ₁₎	S	A40C
BFB-215285-TC11-S-A40C	215	285	70	118	100	104	92	5	TCMT 110304 TCMT 110204 ₁₎	S	A40C

注：“1)”表示此刀片型号的刀夹需要单独订购 Note: "1)"Indicates that the cartridge matching this insert model needs to be ordered separately.

备件 | Accessary

产品型号 Product ID	①	②	③	④	⑤	⑥
	刀座 Adaptor	滑块 Slide	配重滑块 Slide(CW)	精镗刀座 Adaptor	配重块 Counter-Weight	刀夹 Cartridge
BFB-160230-TC11-S-A40C	BPDB-A40C-160050	BPFB-SL-160	BPFB-SL-160CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC11-S BPFA-CA-1023TC1102-S ₁₎
BFB-215285-TC11-S-A40C	BPDB-A40C-215050	BPFB-SL-160	BPFB-SL-160CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC11-S BPFA-CA-1023TC1102-S ₁₎

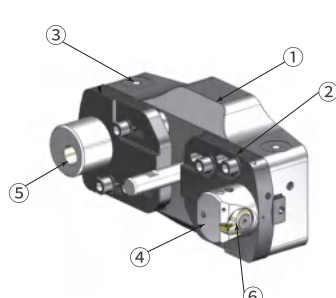
注意：“1)”表示此刀夹需要单独订购。 Note: "1)" Indicates that the cartridge needs to be ordered separately.

产品型号 Product ID	刀片螺钉扳手 Key(Insert) 	调整螺钉扳手 Key(Adj.) 	锁紧螺钉扳手 Key(Screw) 	螺钉扳手 Key(Screw) 	螺钉扳手 Key(Screw) 
BFB-160230-TC11-S-A40C	242.070.35	246.030.60	247.040.100	241.050.80	241.080.00
BFB-215285-TC11-S-A40C	242.070.35	246.030.60	247.040.100	241.050.80	241.080.00

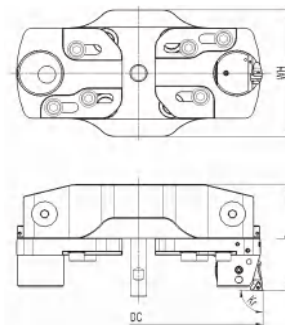
可单独订购备件，按需询价。 The spare parts can be ordered separately. Please inquire on demand.

BFB-TC系列

BFB-TC SERIES



- 内冷却液供应
- TCMT TCMX TCGT TCGX TCEX TCMW
- 刀片仅做示意



- Internal coolant supply
- TCMT TCMX TCGT TCGX TCEX TCMW
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension				刀片 Insert	夹紧方式 Clamping	接口 Coupling
	Min.	Max.	Adj.	L	WH	Kr	KG			
BFB-270365-TC11-S-A60C	270	365	95	126	140	92	7.8	TCMT 110304 TCMT 110204 ₁₎	S	A60C
BFB-350445-TC11-S-A60C	350	445	95	131	140	92	9.6	TCMT 110304 TCMT 110204 ₁₎	S	A60C
BFB-430525-TC11-S-A60C	430	525	95	136	140	92	11.4	TCMT 110304 TCMT 110204 ₁₎	S	A60C

注意：“1)”表示此刀片型号的刀夹需要单独订购。 Note: "1)"Indicates that the cartridge matching this insert model needs to be ordered separately.

备件 | Accessary

产品型号 Product ID	①	②	③	④	⑤	⑥
	桥架式刀座 Bridge Adaptor	滑块 Slide	配重滑块 Slide(CW)	精镗刀座 Adaptor	配重块 Counter-Weight	刀夹 Cartridge
BFB-270365-TC11-S-A60C	BPDB-A60C-270060	BPFB-SL-270	BPFB-SL-270CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC11-S BPFA-CA-1023TC1102-S ₁₎
BFB-350445-TC11-S-A60C	BPDB-A60C-350065	BPFB-SL-270	BPFB-SL-270CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC11-S BPFA-CA-1023TC1102-S ₁₎
BFB-430525-TC11-S-A60C	BPDB-A60C-430070	BPFB-SL-270	BPFB-SL-270CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC11-S BPFA-CA-1023TC1102-S ₁₎

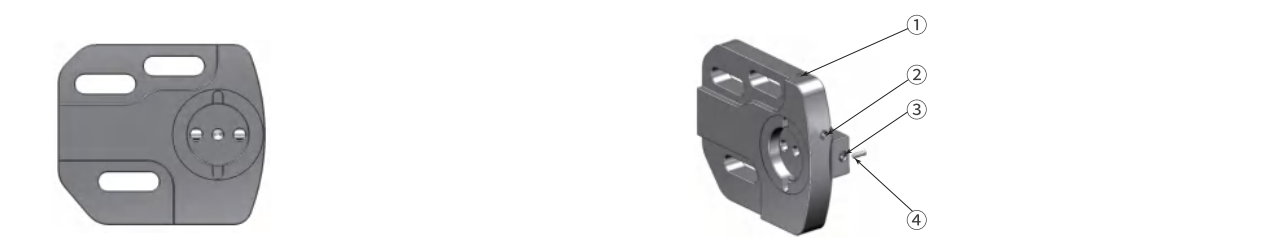
注：“1)”表示此刀夹需要单独订购。 Note: "1)" Indicates that the cartridge needs to be ordered separately.

产品型号 Product ID	刀片螺钉扳手 Key(Insert) 	调整螺钉扳手 Key(Adj.) 	锁紧螺钉扳手 Key(Screw) 	螺钉扳手 Key(Screw) 	螺钉扳手 Key(Screw) 
BFB-270365-TC11-S-A60C	242.070.35	246.030.60	247.040.100	241.050.80	241.080.00
BFB-350445-TC11-S-A60C	242.070.35	246.030.60	247.040.100	241.050.80	241.080.00
BFB-430525-TC11-S-A60C	242.070.35	246.030.60	247.040.100	241.050.80	241.080.00

可单独订购备件，按需询价。 The spare parts can be ordered separately. Please inquire on demand.

BFB-TC系列滑块

BFB-TC SERIES SLIDE



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	直径范围 Fitting Range
BPFB-SL-160	160-285
BPFB-SL-270	270-525

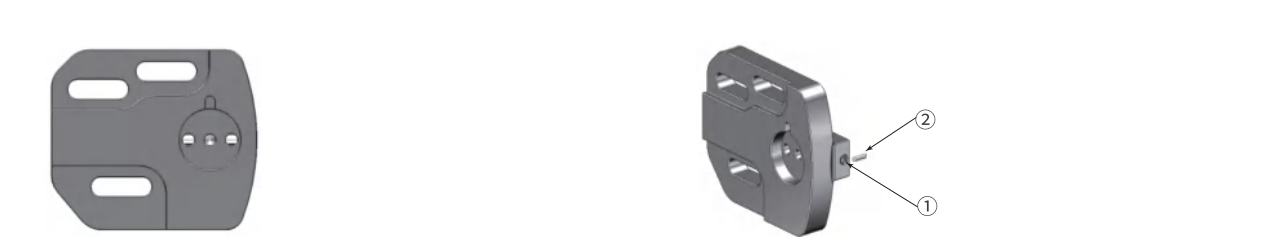
备件 Accessory					单独订购 Purchase Separately
产品型号 Product ID	①	②	③	④	 调整螺钉扳手 Key(Adj.)
	堵丝 Nozzle	堵丝 Nozzle	调整螺钉 Screw(Adj.)	堵丝 Nozzle	
BPFB-SL-160	-	251.050.05	-	-	-
BPFB-SL-270	251.040.04	251.050.05	214.020.368	254.030.10	246.030.60

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BFB-TC系列配重滑块

BFB-TC SERIES SLIDE(CW)



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	直径范围 Fitting Range
BPFB-SL-160CW	160-285
BPFB-SL-270CW	270-525

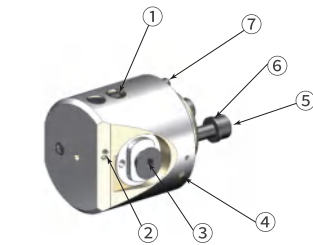
备件 Accessory			单独订购 Purchase Separately
产品型号 Product ID	①	②	 调整螺钉扳手 Key(Adj.)
	调整螺钉 Screw(Adj.)	堵丝 Nozzle	
BPFB-SL-160CW	-	-	-
BPFB-SL-270CW	214.020.368	254.030.10	246.030.60

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BFB-TC系列精镗刀座

BFB-TC SERIES ADAPTOR



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	直径范围 Fitting Range
BPFB-CY34-050025	160-525

备件 Accessory								单独订购 Purchase Separately	
产品型号 Product ID	① 锁紧螺钉 Screw(Lock)	② 堵丝 Nozzle	③ 刀夹锁紧螺钉 Screw(Cartridge)	④ 堵丝 Nozzle	⑤ 螺钉 Screw	⑥ 垫圈 Gasket	⑦ 圆柱销 Pin	 螺钉扳手 Key(Screw)	 锁紧螺钉扳手 Key(Screw)
BPFB-CY34-050025	119.080.12	251.020.03	118.080.12	251.030.03	113.060.20	131.060.16	171.050.12	241.050.80	247.040.100

可单独订购备件，按需询价。

The spare parts can be ordered separately. Please inquire on demand.

BFB-TC系列配重块

BFB-TC SERIES COUNTER-WEIGHT



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	直径范围 Fitting Range
BPFB-CW-5043A	160-525

备件 Accessory				单独订购 Purchase Separately
产品型号 Product ID	① 螺钉 Screw	② 垫圈 Gasket	③ 圆柱销 Pin	 螺钉扳手 Key(Screw)
BPFB-CW-5043A	113.060.20	131.060.16	171.050.12	241.050.80

可单独订购备件，按需询价。

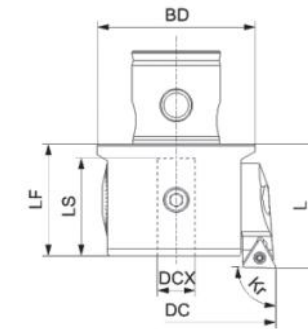
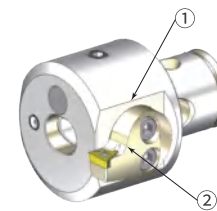
The spare parts can be ordered separately. Please inquire on demand.

精镗刀BFC系列| BFC SERIES



- 配合镗刀杆使用可用于 $\phi 1-\phi 54\text{mm}$ 的孔径加工;
- 加工孔径公差可达IT6级;
- 直径调节精度 0.002mm 。

BFC-TC系列 BFC-TC SERIES



- 内冷却液供应
- TCMT TCMX TCGT TCGX TCEX TCMW
- 刀片仅做示意

- Internal coolant supply
- TCMT TCMX TCGT TCGX TCEX TCMW
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range(DC)			尺寸 Dimension							接口 Coupling
	Min.	Max.	Adj.	L	LF	LS	BD	DCX	Kr	KG	
BFC-053057-TC11-S-CKB4	53	57	2	34	30	27.5	39	10	92	0.31	CKB4
BFC-063070-TC11-S-CKB5	63	70	3.5	40	36	31.5	50	12	92	0.6	CKB5
BFC-074083-TC11-S-CKB6	74	83	4.5	49	45	40.5	64	16	92	1.3	CKB6

备件 | Accessory

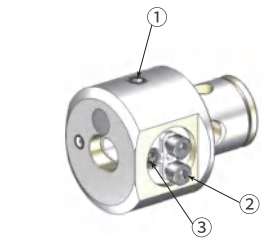
产品型号 Product ID	①	②		
	精镗刀座 Adaptor	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)
BFC-053057-TC11-S-CKB4	BPFC-CKB4-010030	BPFC-CA-1320TC1102-S 1) BPFC-CA-1320TC11-S	242.070.35	247.030.100
BFC-063070-TC11-S-CKB5	BPFC-CKB5-012036	BPFC-CA-1422TC1102-S 1) BPFC-CA-1422TC11-S	242.070.35	247.040.100
BFC-074083-TC11-S-CKB6	BPFC-CKB6-016045	BPFC-CA-1526TC1102-S 1) BPFC-CA-1526TC11-S	242.070.35	247.050.100

注：“1)”表示此刀夹需要单独订购
可单独订购备件，按需询价。

Note: "1) " Indicates that the cartridge needs to be ordered separately
The spare parts can be ordered separately. Please inquire on demand.

BFC-TC系列精镗刀座

BFC-TC SERIES ADAPTOR



技术参数 | Technical parameters

单位 | Unit: mm

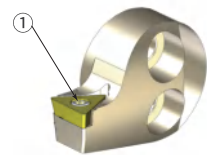
订货号 Ordering code		直径范围 Fitting Range
BPFC-CKB4-010030		53-57
BPFC-CKB5-012036		63-70
BPFC-CKB6-016045		74-83

备件 Accessory				单独订购 Purchase Separately
产品型号 Product ID	①	②	③	
	锁紧螺钉 Screw(Lock)	刀夹锁紧螺钉 Screw(Cartridge)	锁紧螺钉 Screw (Lock)	
BPFC-CKB4-010030	119.060.08	113.040.08	259.060.10	247.030.100
BPFC-CKB5-012036	119.080.10	113.050.10	259.080.10	247.040.100
BPFC-CKB6-016045	119.100.12	113.060.12	259.100.12	247.050.100

可单独订购备件，按需询价。The spare parts can be ordered separately. Please inquire on demand.

BFC-TC系列刀夹

BFC-TC SERIES CARTRIDGE



- TCMT TCMX TCGT TCGX TCEX TCMW
 - 刀片仅做示意
- TCMT TCMX TCGT TCGX TCEX TCMW
 - The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

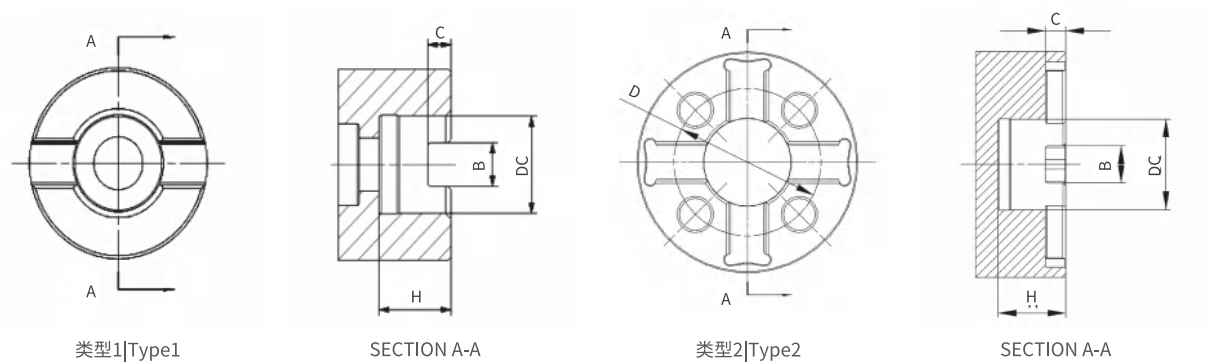
订货号 Ordering code	刀片 Insert	夹紧方式 Clamping
BPFC-CA-1320TC1102-S	TC.110204	S
BPFC-CA-1320TC11-S	TC.110304	S
BPFC-CA-1422TC1102-S	TC..110204	S
BPFC-CA-1422TC11-S	TC..110304	S
BPFC-CA-1526TC1102-S	TC..110204	S
BPFC-CA-1526TC11-S	TC..110304	S

备件 Accessory		单独订购 Purchase Separately
产品型号 Product ID	①	
	刀片螺钉 Screw(Insert)	
BPFC-CA-1320TC1102-S	SFS 2565	242.070.35
BPFC-CA-1320TC11-S	SFS 2565	242.070.35
BPFC-CA-1422TC1102-S	SFS 2565	242.070.35
BPFC-CA-1422TC11-S	SFS 2565	242.070.35
BPFC-CA-1526TC1102-S	SFS 2565	242.070.35
BPFC-CA-1526TC11-S	SFS 2565	242.070.35

可单独订购备件，按需询价。The spare parts can be ordered separately. Please inquire on demand.

接口简图 COUPLING DIAGRAM

芯轴接口 | Arbor



技术参数 | Technical parameters

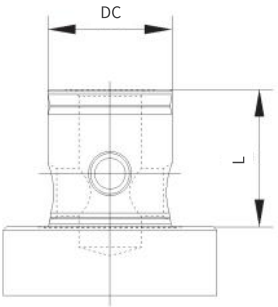
单位 | Unit: mm

接口型号 Ordering code	接口尺寸 Dimension					接口 Coupling
	DC	H	B	C	D	
A22A	22	24	10.4	6.55	-	1
A32A	32	25.5	14.4	8	-	1
A40C	40	30	16.4	9	66.7	2
A60C	60	30	25.7	14	101.6	2

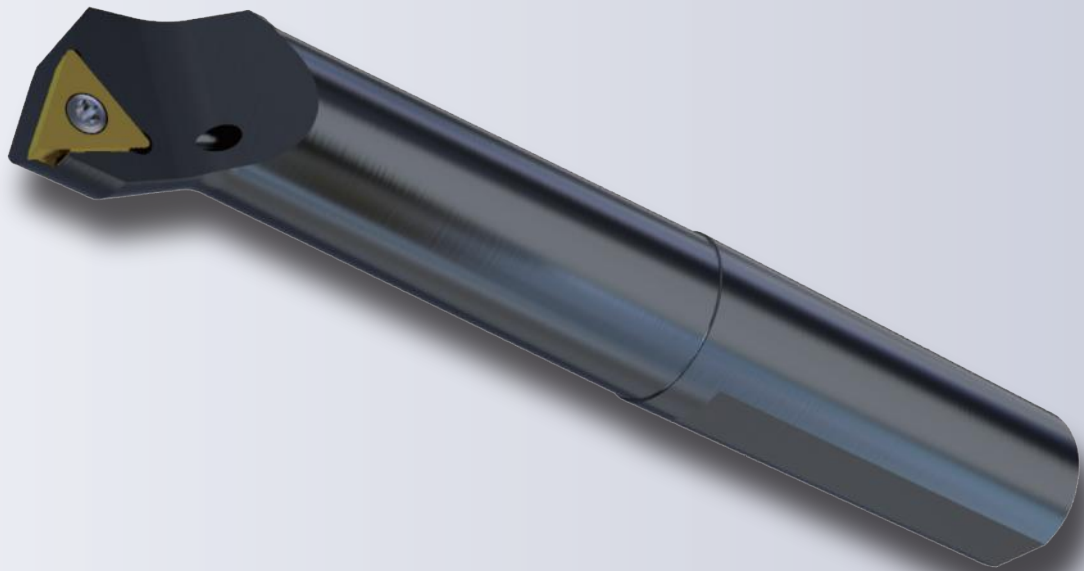
CKB接口 | CK

产品信息 | SPECIFICATION

接口型号 Ordering code	接口尺寸 Dimension	
	DC	L
CKB1	11	13
CKB2	14	16
CKB3	18	20
CKB4	22	24
CKB5	28	30
CKB6	36	40
CKB7	46	50

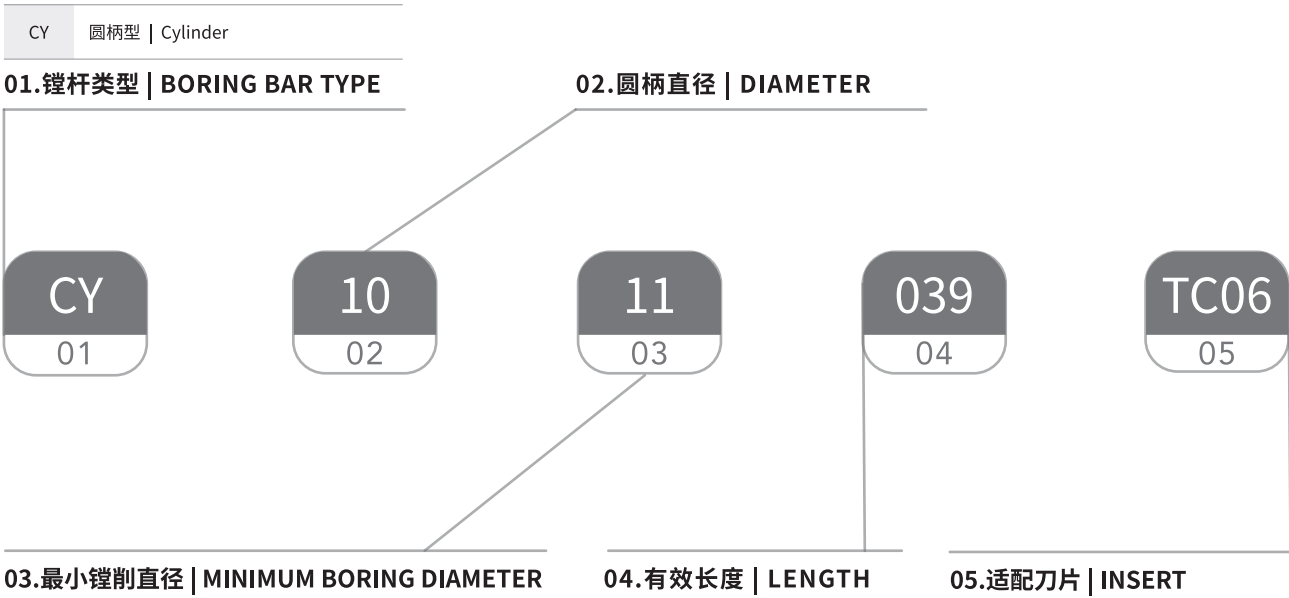


BFC系列镗杆 | BORING BAR BFC SERIES

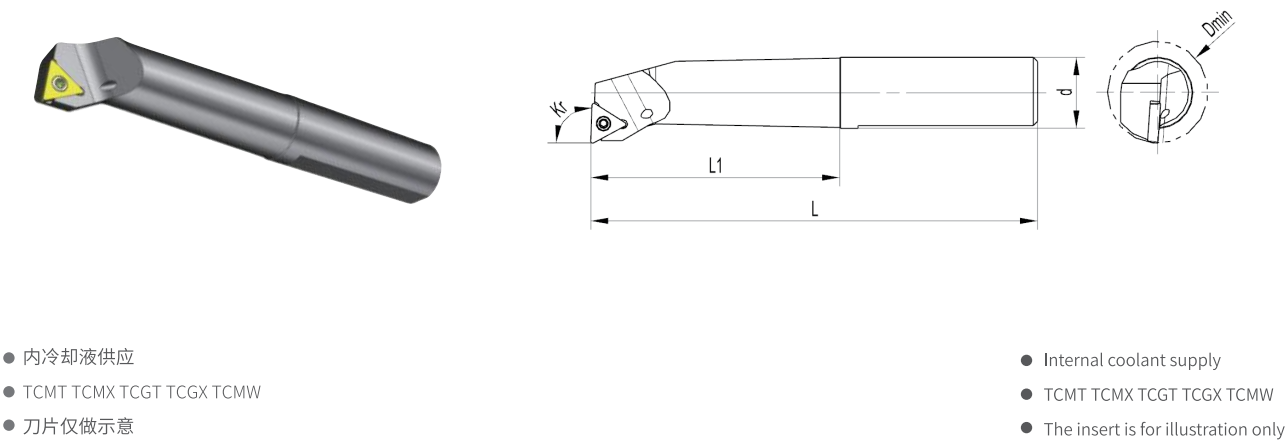


- 镗杆配合BFC系列精镗刀使用;
- 镗杆本身带有内冷孔。
- The boring bar is used with BFC series fine boring tools.
- It has internal cooling holes.

◎ 命名方式 | Naming And Coding Rules



BFC-TC系列镗杆 BORING BAR BFC-TC SERIES



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	尺寸 Dimension				主偏角 Main Declination	重量 Weigh	刀片 Insert
	Dmin	d	L1	L	Kr	KG	
CY10-08028TC06	8	10	28	59	92°	0.036	TCMT 06T102
CY10-11039TC06	11	10	39	69	92°	0.048	TCMT 06T102
CY10-14042TC09	14	10	42	72	92°	0.06	TCMT 090204
CY10-17060TC09	17	10	60	90	92°	0.071	TCMT 090204
CY12-08028TC06	8	12	28	64	92°	0.046	TCMT 06T102
CY12-11039TC06	11	12	39	75	92°	0.058	TCMT 06T102
CY12-14042TC09	14	12	42	78	92°	0.07	TCMT 090204
CY12-17060TC09	17	12	60	96	92°	0.081	TCMT 090204
CY12-20060TC09	20	12	60	96	92°	0.082	TCMT 090204
CY16-08028TC06	8	16	28	74	92°	0.084	TCMT 06T102
CY16-11039TC06	11	16	39	85	92°	0.094	TCMT 06T102
CY16-14049TC09	14	16	49	95	92°	0.118	TCMT 090204
CY16-17056TC09	17	16	56	102	92°	0.129	TCMT 090204
CY16-20080TC09	20	16	80	126	92°	0.163	TCMT 090204
CY16-23080TC09	23	16	80	126	92°	0.163	TCMT 090204
CY16-26080TC09	26	16	80	126	92°	0.164	TCMT 090204

备件 | Accessary

刀片 Insert	刀片螺钉 Screw(Insert)	刀片螺钉扳手 Key(Insert)
TCMT 06T102	ILD 2042	242.060.35
TCMT 090204	ILD 2264	242.070.35

可单独订购备件，按需询价。The spare parts can be ordered separately. Please inquire on demand.

镗刀转接柄 | BORING TOOL ADAPTOR HOLDER



● 包含两种系列：CK基础柄系列 芯轴基础柄系列。

● Two connection series: CK, Arbor.

◎ 命名方式 | Naming And Coding Rules

	CK
	CK1
	CK2
Arbor	CK3
22	CK4
32	CK5
40	CK6
60	CK7

02.转换接口规格 | CHUCK TYPE



01.接口规格 | COUPLING TYPE

BT	SK	HSK	CK
BT30	SK30	HSK40A	CK1
BT40	SK40	HSK50A	CK2
BT50	SK50	HSK63A	CK3
		HSK100A	CK4
			CK5
			CK6
			CK7

03.有效长度 | LENGTH

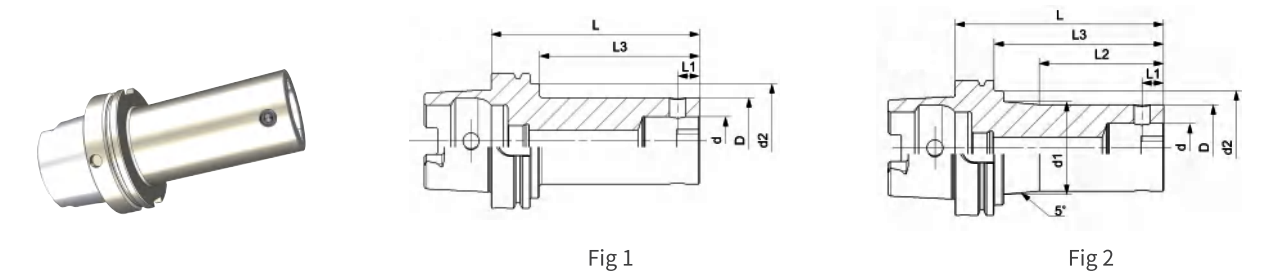
30mm	60mm	100mm	160mm
36mm	63mm	101mm	165mm
37mm	67mm	105mm	170mm
41mm	70mm	106mm	180mm
42mm	72mm	110mm	200mm
45mm	74mm	115mm	205mm
47mm	75mm	125mm	210mm
50mm	80mm	130mm	215mm
51mm	85mm	135mm	250mm
54mm	90mm	140mm	270mm
55mm	91mm	145mm	275mm
56mm	93mm	150mm	300mm
58mm	96mm	155mm	350mm

注：镗刀头接口规格CKB与镗刀接柄CK
属于同一接口规格，配合使用。

Note: Boring tool head with CKB interface can match
boring tool connection CK series. Their interface
specifications are consistent.

CK基础柄 HSK系列

CK CONNECTION WITH HSK ADAPTOR



技术参数 | Technical parameters

订货号 Ordering code	Fig	D	d	d1	d2	L1	L2	L3	L	侧固螺钉 Screw (Side-fixed)	扳手 Key	重量 Weight
HSK63A-CK1-070	1	19	11	-	-	5.05	-	-	70	M5×5-30D	L025	0.8
HSK63A-CK1-100	2	19	11	23.5	-	5.05	50	-	100	M5×5-30D	L025	0.9
HSK63A-CK2-075	1	24	14	-	-	6.45	-	-	75	M5×6-30D	L025	0.9
HSK63A-CK2-100	1	24	14	-	-	6.45	-	-	100	M5×6-30D	L025	1
HSK63A-CK2-130	2	24	14	31	-	6.45	65	-	130	M5×6-30D	L025	1.1
HSK63A-CK3-080	1	31	18	-	-	7.9	-	-	80	M6×9-30D	L03	1
HSK63A-CK3-100	1	31	18	-	-	7.9	-	-	100	M6×9-30D	L03	1.1
HSK63A-CK3-135	2	31	18	37	-	7.9	75	-	135	M6×9-30D	L03	1.3
HSK63A-CK3-165	2	31	18	41	-	7.9	85	-	165	M6×9-30D	L03	1.4
HSK63A-CK4-070	1	39	22	-	-	10	-	-	70	M8×12-30D	L04	1
HSK63A-CK4-100	1	39	22	-	-	10	-	-	100	M8×12-30D	L04	1.3
HSK63A-CK4-150	2	39	22	44	-	10	95	-	150	M8×12-30D	L04	1.7
HSK63A-CK4-170	2	39	22	47.5	-	10	95	-	170	M8×12-30D	L04	1.9
HSK63A-CK5-080	1	50	28	-	-	13	-	-	80	M10×16-30D	L05	1.4
HSK63A-CK5-100	1	50	28	-	-	13	-	-	100	M10×16-30D	L05	1.8
HSK63A-CK5-150	1	50	28	-	-	13	-	-	150	M10×16-30D	L05	2.2
HSK63A-CK5-180	1	50	28	-	-	13	-	-	180	M10×16-30D	L05	2.7
HSK63A-CK6-100	1	64	36	-	-	16	-	-	100	M12×20-30D	L06	2.2
HSK63A-CK6-150	1	64	36	-	-	16	-	-	150	M12×20-30D	L06	2.8
HSK63A-CK6-180	1	64	36	-	-	16	-	-	180	M12×20-30D	L06	3.3
HSK100A-CK1-080	1	19	11	-	65	5.05	-	43	80	M5×5-30D	L025	2.4

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CK基础柄 HSK系列

CK CONNECTION WITH HSK ADAPTOR

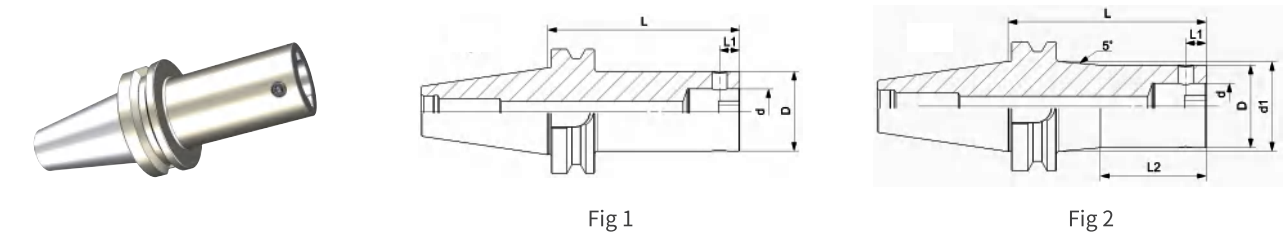
技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	Fig	D	d	d1	d2	L1	L2	L3	L	侧固螺钉 Screw (Side-fixed)	扳手 Key	重量 Weight
HSK100A-CK1-115	2	19	11	24	65	5.05	50	78	115	M5×5-30D	L025	2.5
HSK100A-CK1-145	2	19	11	27.5	65	5.05	60	108	145	M5×5-30D	L025	2.6
HSK100A-CK2-080	1	24	14	-	65	6.45	-	43	80	M5×6-30D	L025	2.45
HSK100A-CK2-105	1	24	14	-	65	6.45	-	68	105	M5×6-30D	L025	2.5
HSK100A-CK2-135	2	24	14	30	65	6.45	65	98	135	M5×6-30D	L025	2.6
HSK100A-CK2-165	2	24	14	33.5	65	6.45	75	128	165	M5×6-30D	L025	2.7
HSK100A-CK3-085	1	31	18	-	65	7.9	-	46	85	M6×9-30D	L03	2.6
HSK100A-CK3-110	1	31	18	-	65	7.9	-	71	110	M6×9-30D	L03	2.7
HSK100A-CK3-140	2	31	18	35.5	-	7.9	75	101	140	M6×9-30D	L03	2.8
HSK100A-CK3-170	2	31	18	41	-	7.9	85	-	170	M6×9-30D	L03	2.9
HSK100A-CK4-100	1	39	22	-	-	10	-	-	100	M8×12-30D	L04	2.8
HSK100A-CK4-160	2	39	22	47	-	10	85	-	160	M8×12-30D	L04	3.5
HSK100A-CK4-205	2	39	22	50.5	-	10	110	-	205	M8×12-30D	L04	4
HSK100A-CK5-090	1	50	28	-	-	13	-	-	90	M10×16-30D	L05	3.5
HSK100A-CK5-165	1	50	28	-	-	13	-	-	165	M10×16-30D	L05	4.2
HSK100A-CK5-210	2	50	28	61	-	13	120	-	210	M10×16-30D	L05	4.8
HSK100A-CK5-270	2	50	28	69.5	-	13	130	-	270	M10×16-30D	L05	5.6
HSK100A-CK6-085	1	64	36	-	-	16	-	-	85	M12×20-30D	L06	4.2
HSK100A-CK6-155	1	64	36	-	-	16	-	-	155	M12×20-30D	L06	5
HSK100A-CK6-215	1	64	36	-	-	16	-	-	215	M12×20-30D	L06	5.8
HSK100A-CK6-250	1	64	36	-	-	16	-	-	250	M12×20-30D	L06	6.2
HSK100A-CK6-300	2	64	36	80	-	16	180	-	300	M12×20-30D	L06	7.1
HSK100A-CK7-125	1	90	46	-	-	19.15	-	-	125	M20×29-30D	L10	5.22
HSK100A-CK7-200	1	90	46	-	-	19.15	-	-	200	M20×29-30D	L10	6.88
HSK100A-CK7-275	1	90	46	-	-	19.15	-	-	275	M20×29-30D	L10	8.26

CK基础柄 BT系列

CK CONNECTION WITH BT ADAPTOR



技术参数 | Technical parameters

订货号 Ordering code	Fig	D	d	d1	L1	L2	L	侧固螺钉 Screw (Side-fixed)	扳手 Key	重量 Weight
BT30-CK1-055	1	19	11	-	5.05	-	55	M5×5-30D	L025	0.42
BT30-CK1-070	1	19	11	-	5.05	-	70	M5×5-30D	L025	0.45
BT30-CK2-080	1	24	14	-	6.45	-	80	M5×6-30D	L025	0.54
BT30-CK3-080	1	31	18	-	7.9	-	80	M6×9-30D	L03	0.68
BT30-CK4-070	1	39	22	-	10	-	70	M8×12-30D	L04	0.68
BT30-CK5-070	1	50	28	-	13	-	70	M10×16-30D	L05	0.88
BT30-CK6-060	1	64	36	-	16	-	60	M12×20-30D	L06	0.89
BT40-CK1-070	1	19	11	-	5.05	-	70	M5×5-30D	L025	1.03
BT40-CK1-100	2	19	11	20.7	5.05	60	100	M5×5-30D	L025	1.1
BT40-CK1-130	2	19	11	25.5	5.05	60	130	M5×5-30D	L025	1.18
BT40-CK2-075	1	24	14	-	6.45	-	75	M5×6-30D	L025	1.1
BT40-CK2-100	1	24	14	-	6.45	-	100	M5×6-30D	L025	1.18
BT40-CK2-130	2	24	14	30	6.45	65	130	M5×6-30D	L025	1.33
BT40-CK2-160	2	24	14	33.6	6.45	75	160	M5×6-30D	L025	1.49
BT40-CK3-080	1	31	18	-	7.9	-	80	M6×9-30D	L03	1.22
BT40-CK3-100	1	31	18	-	7.9	-	100	M6×9-30D	L03	1.32
BT40-CK3-135	2	31	18	34.5	7.9	75	135	M6×9-30D	L03	1.54
BT40-CK3-165	2	31	18	39.7	7.9	85	165	M6×9-30D	L03	1.76
BT40-CK4-070	1	39	22	-	10	-	70	M8×12-30D	L04	1.21
BT40-CK4-100	1	39	22	-	10	-	100	M8×12-30D	L04	1.46
BT40-CK4-150	2	39	22	43.4	10	85	150	M8×12-30D	L04	1.9

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CK基础柄 BT系列

CK CONNECTION WITH BT ADAPTOR

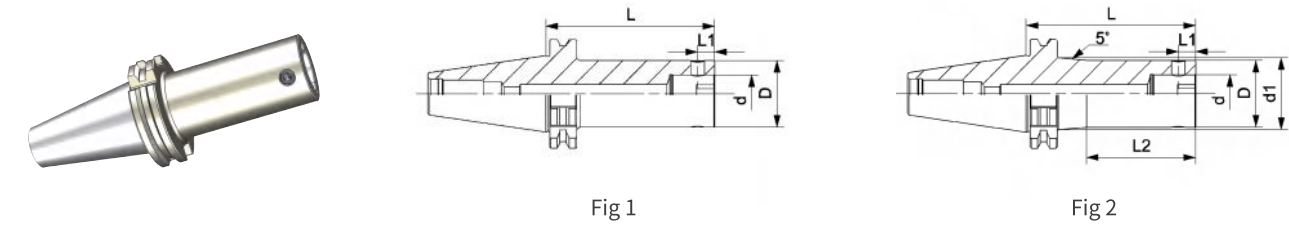
技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	Fig	D	d	d1	L1	L2	L	侧固螺钉 Screw (Side-fixed)	扳手 Key	重量 Weight
BT40-CK4-170	2	39	22	46.9	10	95	170	M8×12-30D	L04	2.16
BT40-CK5-060	1	50	28	-	13	-	60	M10×16-30D	L05	1.22
BT40-CK5-080	1	50	28	-	13	-	80	M10×16-30D	L05	1.52
BT40-CK5-100	1	50	28	-	13	-	100	M10×16-30D	L05	1.8
BT40-CK5-150	1	50	28	-	13	-	150	M10×16-30D	L05	2.52
BT40-CK5-180	1	50	28	-	13	-	180	M10×16-30D	L05	2.9
BT40-CK6-055	1	64	36	-	16	-	55	M12×20-30D	L06	1.22
BT40-CK6-100	1	64	36	-	16	-	100	M12×20-30D	L06	2.29
BT40-CK6-150	1	64	36	-	16	-	150	M12×20-30D	L06	3.5
BT40-CK6-180	1	64	36	-	16	-	180	M12×20-30D	L06	4.22
BT50-CK1-080	1	19	11	-	5.05	-	80	M5×5-30D	L025	3.2
BT50-CK1-115	2	19	11	20.7	5.05	50	115	M5×5-30D	L025	3.73
BT50-CK1-145	2	19	11	26	5.05	60	145	M5×5-30D	L025	4.2
BT50-CK2-080	1	24	14	-	6.45	-	80	M5×6-30D	L025	3.68
BT50-CK2-105	1	24	14	-	6.45	-	105	M5×6-30D	L025	3.78
BT50-CK2-135	2	24	14	26.6	6.45	65	135	M5×6-30D	L025	3.89
BT50-CK2-165	2	24	14	31.9	6.45	75	165	M5×6-30D	L025	4.08
BT50-CK3-085	1	31	18	-	7.9	-	85	M6×9-30D	L03	3.8
BT50-CK3-110	1	31	18	-	7.9	-	110	M6×9-30D	L03	3.95
BT50-CK3-140	2	31	18	32.7	7.9	75	140	M6×9-30D	L03	4.09
BT50-CK3-170	2	31	18	38	7.9	85	170	M6×9-30D	L03	4.31
BT50-CK4-100	1	39	22	-	10	-	100	M8×12-30D	L04	3.98
BT50-CK4-160	2	39	22	42.5	10	85	160	M8×12-30D	L04	4.5
BT50-CK4-205	2	39	22	50	10	95	205	M8×12-30D	L04	5.13
BT50-CK5-090	1	50	28	-	13	-	90	M10×16-30D	L05	4.3
BT50-CK5-165	1	50	28	-	13	-	165	M10×16-30D	L05	5.2
BT50-CK5-210	2	50	28	57.8	13	120	210	M10×16-30D	L05	5.92
BT50-CK5-270	2	50	28	68.4	13	120	270	M10×16-30D	L05	7.23
BT50-CK6-085	1	64	36	-	16	-	85	M12×20-30D	L06	4.28
BT50-CK6-155	1	64	36	-	16	-	155	M12×20-30D	L06	5.97
BT50-CK6-215	1	64	36	-	16	-	215	M12×20-30D	L06	7.43
BT50-CK6-250	1	64	36	-	16	-	250	M12×20-30D	L06	8.27
BT50-CK6-300	2	64	36	80.5	16	160	300	M12×20-30D	L06	10.21
BT50-CK6-350	2	64	36	90	16	160	350	M12×20-30D	L06	12.9
BT50-CK7-085	1	90	46	-	19.15	-	85	M20×29-30D	L10	4.96
BT50-CK7-150	1	90	46	-	19.15	-	150	M20×29-30D	L10	6.52
BT50-CK7-210	1	90	46	-	19.15	-	210	M20×29-30D	L10	8.55
BT50-CK7-250	1	90	46	-	19.15	-	250	M20×29-30D	L10	10.35
BT50-CK7-300	1	90	46	-	19.15	-	300	M20×29-30D	L10	12.55
BT50-CK7-350	1	90	46	-	19.15	-	350	M20×29-30D	L10	13.25

CK基础柄 SK系列 CK CONNECTION WITH SK ADAPTOR

CK基础柄 SK系列 CK CONNECTION WITH SK ADAPTOR



技术参数 | Technical parameters 单位 | Unit: mm

订货号 Ordering code	Fig	D	d	d1	L1	L2	L	侧固螺钉 Screw (Side-fixed)	扳手 Key	重量 Weight
SK30-CK1-055	1	19	11	-	5.05	-	55	M5×5-30D	L025	0.42
SK30-CK1-070	1	19	11	-	5.05	-	70	M5×5-30D	L025	0.45
SK30-CK2-080	1	24	14	-	6.45	-	80	M5×6-30D	L025	0.54
SK30-CK3-080	1	31	18	-	7.9	-	80	M6×9-30D	L03	0.68
SK30-CK4-070	1	39	22	-	10	-	70	M8×12-30D	L04	0.68
SK30-CK5-070	1	50	28	-	13	-	70	M10×16-30D	L05	0.88
SK30-CK6-080	1	64	36	-	16	-	80	M12×20-30D	L06	0.89
SK40-CK1-070	1	19	11	-	5.05	-	70	M5×5-30D	L025	1.03
SK40-CK1-100	2	19	11	20.7	5.05	60	100	M5×5-30D	L025	1.1
SK40-CK2-075	1	24	14	-	6.45	-	75	M5×6-30D	L025	1.1
SK40-CK2-100	1	24	14	-	6.45	-	100	M5×6-30D	L025	1.18
SK40-CK2-130	2	24	14	28.3	6.45	75	130	M5×6-30D	L025	1.33
SK40-CK2-160	2	24	14	33.6	6.45	75	160	M5×6-30D	L025	1.49
SK40-CK3-080	1	31	18	-	7.9	-	80	M6×9-30D	L03	1.22
SK40-CK3-100	1	31	18	-	7.9	-	100	M6×9-30D	L03	1.32
SK40-CK3-135	2	31	18	34.5	7.9	85	135	M6×9-30D	L03	1.54
SK40-CK3-165	2	31	18	39.7	7.9	85	165	M6×9-30D	L03	1.76
SK40-CK4-070	1	39	22	-	10	-	70	M8×12-30D	L04	1.21
SK40-CK4-100	1	39	22	-	10	-	100	M8×12-30D	L04	1.46
SK40-CK4-150	2	39	22	43.4	10	95	150	M8×12-30D	L04	1.9
SK40-CK4-170	2	39	22	46.9	10	95	170	M8×12-30D	L04	2.16

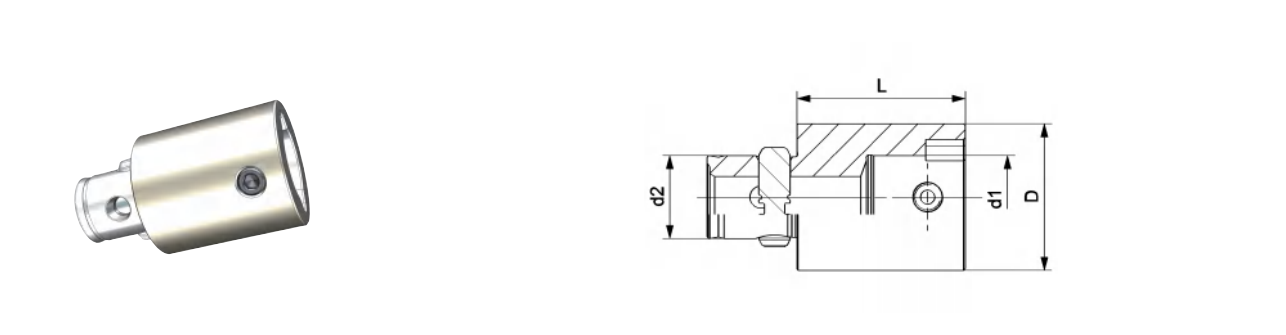
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技术参数 | Technical parameters 单位 | Unit: mm

订货号 Ordering code	Fig	D	d	d1	L1	L2	L	侧固螺钉 Screw (Side-fixed)	扳手 Key	重量 Weight
SK40-CK5-080	1	50	28	-	13	-	80	M10×16-30D	L05	1.52
SK40-CK5-100	1	50	28	-	13	-	100	M10×16-30D	L05	1.8
SK40-CK5-150	1	50	28	-	13	-	150	M10×16-30D	L05	2.52
SK40-CK5-180	1	50	28	-	13	-	180	M10×16-30D	L05	2.9
SK40-CK6-090	1	64	36	-	16	-	90	M12×20-30D	L06	2.29
SK40-CK6-150	1	64	36	-	16	-	150	M12×20-30D	L06	3.5
SK40-CK6-180	1	64	36	-	16	-	180	M12×20-30D	L06	4.22
SK50-CK1-080	2	19	11	20.7	5.05	-	80	M5×5-30D	L025	3.6
SK50-CK1-115	2	19	11	20.7	5.05	60	115	M5×5-30D	L025	3.73
SK50-CK1-145	2	19	11	26	5.05	60	145	M5×5-30D	L025	4.2
SK50-CK2-080	1	24	14	-	6.45	-	80	M5×6-30D	L025	3.6
SK50-CK2-105	1	24	14	-	6.45	-	105	M5×6-30D	L025	3.78
SK50-CK2-135	2	24	14	26.6	6.45	75	135	M5×6-30D	L025	3.89
SK50-CK2-165	2	24	14	31.9	6.45	75	165	M5×6-30D	L025	4.08
SK50-CK3-085	1	31	18	-	7.9	-	85	M6×9-30D	L03	3.8
SK50-CK3-110	1	31	18	-	7.9	-	110	M6×9-30D	L03	3.95
SK50-CK3-140	2	31	18	32.7	7.9	85	140	M6×9-30D	L03	4.09
SK50-CK3-170	2	31	18	38	7.9	85	170	M6×9-30D	L03	4.31
SK50-CK4-100	1	39	22	-	10	-	100	M8×12-30D	L04	3.98
SK50-CK4-160	2	39	22	42.5	10	95	160	M8×12-30D	L04	4.5
SK50-CK4-205	2	39	22	50	10	95	205	M8×12-30D	L04	5.13
SK50-CK5-090	1	50	28	-	13	-	90	M10×16-30D	L05	4.3
SK50-CK5-165	1	50	28	-	13	-	165	M10×16-30D	L05	5.2
SK50-CK5-210	2	50	28	57.8	13	120	210	M10×16-30D	L05	5.92
SK50-CK5-270	2	50	28	68.4	13	120	270	M10×16-30D	L05	7.23
SK50-CK6-085	1	64	36	-	16	-	85	M12×20-30D	L06	4.28
SK50-CK6-155	1	64	36	-	16	-	155	M12×20-30D	L06	5.97
SK50-CK6-215	1	64	36	-	16	-	215	M12×20-30D	L06	7.43
SK50-CK6-250	1	64	36	-	16	-	250	M12×20-30D	L06	8.27
SK50-CK6-300	2	64	36	80.5	16	160	300	M12×20-30D	L06	10.21
SK50-CK7-085	1	90	46	-	19.15	-	85	M20×29-30D	L10	4.96
SK50-CK7-150	1	90	46	-	19.15	-	150	M20×29-30D	L10	6.52
SK50-CK7-210	1	90	46	-	19.15	-	210	M20×29-30D	L10	8.55
SK50-CK7-250	1	90	46	-	19.15	-	250	M20×29-30D	L10	10.35
SK50-CK7-300	1	90	46	-	19.15	-	300	M20×29-30D	L10	12.55
SK50-CK7-350	1	90	46	-	19.15	-	350	M20×29-30D	L10	13.25

CK接口等径延长杆

EXTENSION WITH CK ADAPTOR



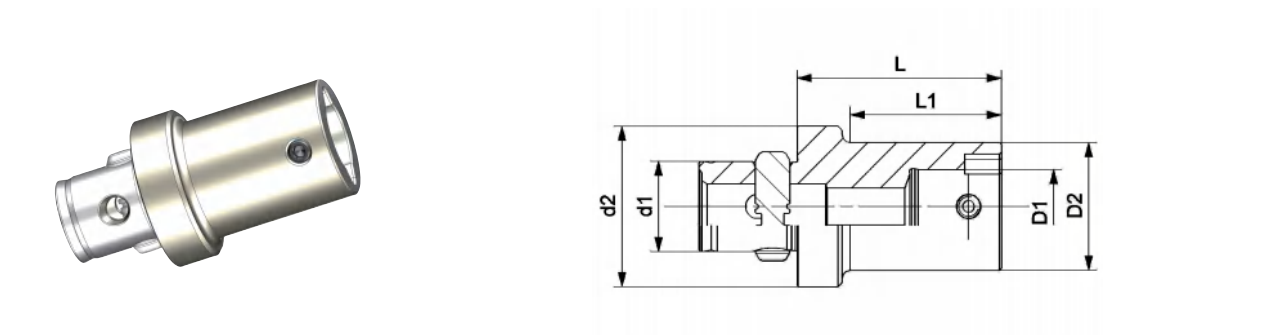
技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	D	d1	d2	L	侧固螺钉 Screw (Side-fixed)	扳手 Key	重量 Weight
CK1-CK1-030	19	11	11	30	M5×5-30D	L025	0.06
CK2-CK2-030	24	14	14	30	M5×6-30D	L025	0.09
CK3-CK3-030	31	18	18	30	M6×9-30D	L03	0.14
CK4-CK4-045	39	22	22	45	M8×12-30D	L04	0.29
CK4-CK4-060	39	22	22	60	M8×12-30D	L04	0.47
CK5-CK5-060	50	28	28	60	M10×16-30D	L05	0.75
CK5-CK5-090	50	28	28	90	M10×16-30D	L05	1.18
CK6-CK6-060	64	36	36	60	M12×20-30D	L06	1.46
CK6-CK6-100	64	36	36	100	M12×20-30D	L06	2.35
CK7-CK7-105	90	46	46	105	M20×29-30D	L10	5.28

CK接口缩径杆

REDUCTION WITH CK ADAPTOR



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	D1	D2	d1	d2	L1	L	侧固螺钉 Screw (Side-fixed)	扳手 Key	重量 Weight
CK2-CK1-036	11	19	14	24	30	36	M5×5-30D	L025	0.08
CK3-CK1-041	11	19	18	31	30	41	M5×5-30D	L025	0.12
CK3-CK2-037	14	24	18	31	25	37	M5×6-30D	L025	0.13
CK4-CK1-058	11	19	22	39	40	58	M5×5-30D	L025	0.24
CK4-CK2-050	14	24	22	39	36	50	M5×6-30D	L025	0.22
CK4-CK3-050	18	31	22	39	37	50	M6×9-30D	L03	0.3
CK5-CK1-060	11	19	28	50	40	60	M5×5-30D	L025	0.38
CK5-CK2-054	14	24	28	50	35	54	M5×6-30D	L025	0.38
CK5-CK2-074	14	24	28	50	55	74	M5×6-30D	L025	0.45
CK5-CK3-047	18	31	28	50	29	47	M6×9-30D	L03	0.46
CK5-CK3-072	18	31	28	50	54	72	M6×9-30D	L03	0.54
CK5-CK4-042	22	39	28	50	25	42	M8×12-30D	L04	0.43
CK5-CK4-067	22	39	28	50	50	67	M8×12-30D	L04	0.62
CK6-CK1-070	11	19	36	64	40	70	M5×5-30D	L025	0.9
CK6-CK2-063	14	24	36	64	45	63	M5×6-30D	L025	0.66

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CK接口缩径杆 REDUCTION WITH CK ADAPTOR

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	D1	D2	d1	d2	L1	L	侧固螺钉 Screw (Side-fixed)	扳手 Key	重量 Weight
CK6-CK2-093	14	24	36	64	75	93	M5×6-30D	L025	0.71
CK6-CK3-056	18	31	36	64	39	56	M6×9-30D	L03	0.7
CK6-CK3-096	18	31	36	64	79	96	M6×9-30D	L03	0.91
CK6-CK4-051	22	39	36	64	35	51	M8×12-30D	L04	0.76
CK6-CK4-101	22	39	36	64	85	101	M8×12-30D	L04	1.19
CK6-CK5-041	28	50	36	64	25	41	M10×16-30D	L05	0.72
CK6-CK5-091	28	50	36	64	75	91	M10×16-30D	L05	1.46
CK7-CK6-106	36	64	46	90	99	106	M12×20-30D	L06	3.12

芯轴基础柄 BT系列 ARBOR CONNECTION WITH BT ADAPTOR

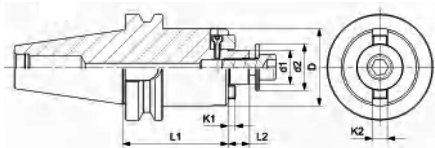


Fig 1

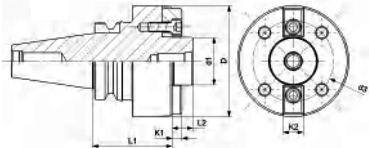


Fig 2

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	Fig	d1	d2	d3	D	L1	L2	K1	K2	螺栓 Screw
BT30-FMB22-045M	1	22	26	-	45	45	16.5	4.8	10	120.100.35
BT30-FMB22-060M	1	22	26	-	45	60	16.5	4.8	10	120.100.35
BT30-FMB32-060M	1	32	41	-	58	60	22	6.8	14	120.160.40
BT40-FMB22-045M	1	22	26	-	48	45	16.5	4.8	10	120.100.35
BT40-FMB22-060M	1	22	26	-	48	60	16.5	4.8	10	120.100.35
BT40-FMB22-100M	1	22	26	-	48	100	16.5	4.8	10	120.100.35
BT40-FMB22-150M	1	22	26	-	48	150	16.5	4.8	10	120.100.35
BT40-FMB32-060M	1	32	41	-	62	60	22	6.8	14	120.160.40
BT40-FMB32-100M	1	32	41	-	62	100	22	6.8	14	120.160.40
BT40-FMB32-150M	1	32	41	-	62	150	22	6.8	14	120.160.40
BT40-FMB32-200M	1	32	41	-	62	200	22	6.8	14	120.160.40
BT50-FMB22-060M	1	22	26	-	48	60	16.5	4.8	10	120.100.35
BT50-FMB22-100M	1	22	26	-	48	100	16.5	4.8	10	120.100.35
BT50-FMB22-150M	1	22	26	-	48	150	16.5	4.8	10	120.100.35
BT50-FMB22-200M	1	22	26	-	48	200	16.5	4.8	10	120.100.35

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芯轴基础柄 BT系列

ARBOR CONNECTION WITH BT ADAPTOR

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	Fig	d1	d2	d3	Dt	L1	L2	K1	K2	螺栓 Screw
BT50-FMB32-060M	1	32	41	-	73	60	22	6.8	14	120.160.40
BT50-FMB32-100M	1	32	41	-	73	100	22	6.8	14	120.160.40
BT50-FMB32-150M	1	32	41	-	73	150	22	6.8	14	120.160.40
BT50-FMB32-200M	1	32	41	-	73	200	22	6.8	14	120.160.40
BT50-FMC40-060M	2	40	-	66.7	98	60	25	8	16	M12X40
BT50-FMC60-075M	2	60	-	101.6	140	75	25	12.5	25.4	M16X50
BT50-FMC60-100M	2	60	-	101.6	140	100	25	12.5	25.4	M16X50

注：以上产品均可实现内冷结构。

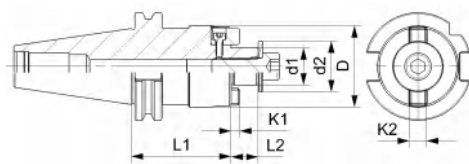
The products above can realize internal cooling.

芯轴基础柄 SK系列

ARBOR CONNECTION WITH SK ADAPTOR

技术参数 | Technical parameters

单位 | Unit: mm



订货号 Ordering code	d1	d2	D	L1	L2	K1	K2	螺栓 Screw
SK30-FMB22-045M	22	26	45	45	16.5	4.8	10	120.100.35
SK30-FMB22-060M	22	26	45	60	16.5	4.8	10	120.100.35
SK30-FMB32-060M	32	41	58	60	22	6.8	14	120.160.40
SK40-FMB22-045M	22	26	48	45	16.5	4.8	10	120.100.35
SK40-FMB22-060M	22	26	48	60	16.5	4.8	10	120.100.35
SK40-FMB22-100M	22	26	48	100	16.5	4.8	10	120.100.35
SK40-FMB22-150M	22	26	48	150	16.5	4.8	10	120.100.35
SK40-FMB32-060M	32	41	62	60	22	6.8	14	120.160.40
SK40-FMB32-100M	32	41	62	100	22	6.8	14	120.160.40
SK40-FMB32-150M	32	41	62	150	22	6.8	14	120.160.40
SK40-FMB32-200M	32	41	62	200	22	6.8	14	120.160.40
SK50-FMB22-060M	22	26	48	60	16.5	4.8	10	120.100.35
SK50-FMB22-100M	22	26	48	100	16.5	4.8	10	120.100.35

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芯轴基础柄 SK系列

ARBOR CONNECTION WITH SK ADAPTOR

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	d1	d2	D	L1	L2	K1	K2	螺栓 Screw
SK50-FMB22-150M	22	26	48	150	16.5	4.8	10	120.100.35
SK50-FMB22-200M	22	26	48	200	16.5	4.8	10	120.100.35
SK50-FMB32-060M	32	41	73	60	22	6.8	14	120.160.40
SK50-FMB32-100M	32	41	73	100	22	6.8	14	120.160.40
SK50-FMB32-150M	32	41	73	150	22	6.8	14	120.160.40
SK50-FMB32-200M	32	41	73	200	22	6.8	14	120.160.40

注：以上产品均可实现内冷结构。

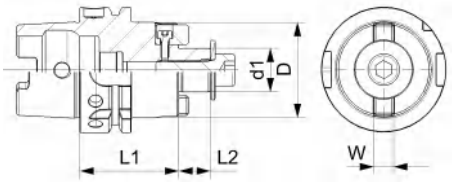
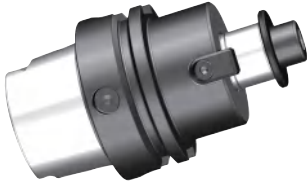
The products above can realize internal cooling.

芯轴基础柄 HSK系列

ARBOR CONNECTION WITH HSK ADAPTOR

技术参数 | Technical parameters

单位 | Unit: mm

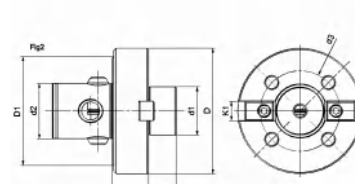
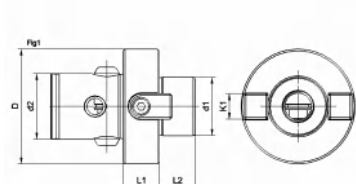
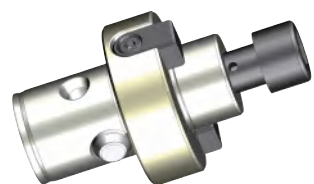


订货号 Ordering code	d1	D	L1	L2	W	螺栓 Screw
HSK40A-FMB22-050M	22	48	50	16.5	10	120.100.35
HSK50A-FMB22-060M	22	48	60	16.5	10	120.100.35
HSK63A-FMB22-050M	22	48	50	16.5	10	120.100.35
HSK63A-FMB22-100M	22	48	100	16.5	10	120.100.35
HSK63A-FMB22-160M	22	48	160	16.5	10	120.100.35
HSK63A-FMB32-060M	32	62	60	22	14	120.160.40
HSK63A-FMB32-100M	32	62	100	22	14	120.160.40
HSK63A-FMB32-160M	32	62	160	22	14	120.160.40
HSK100A-FMB22-050M	22	48	50	16.5	10	120.100.35
HSK100A-FMB22-100M	22	48	100	16.5	10	120.100.35
HSK100A-FMB32-050M	32	73	50	22	14	120.160.40
HSK100A-FMB32-100M	32	73	100	22	14	120.160.40
HSK100A-FMB32-160M	32	73	160	22	14	120.160.40

注：以上产品均可实现内冷结构。

The products above can realize internal cooling.

转接柄 TRANSFER ADAPTOR



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	Fig	d1	d2	d3	D	D1	L1	L2	W	螺栓 Screw
CK4-FMB22-015M	1	22	22	-	40	-	15	16	10	120.100.35
CK6-FMB32-020M	1	32	36	-	63	-	20	20	14	120.160.40
CK7-FMC40-030M	2	40	46	66.7	104	90	30	23	16	M12X40
CK7-FMC60-046M	2	60	46	101.6	140	90	46	25	25.4	M16X50

注：以上产品均可实现内冷结构。

The products above can realize internal cooling.

刀具扩展组装示意图 EXTENDED TOOLS ASSEMBLY VIEW

