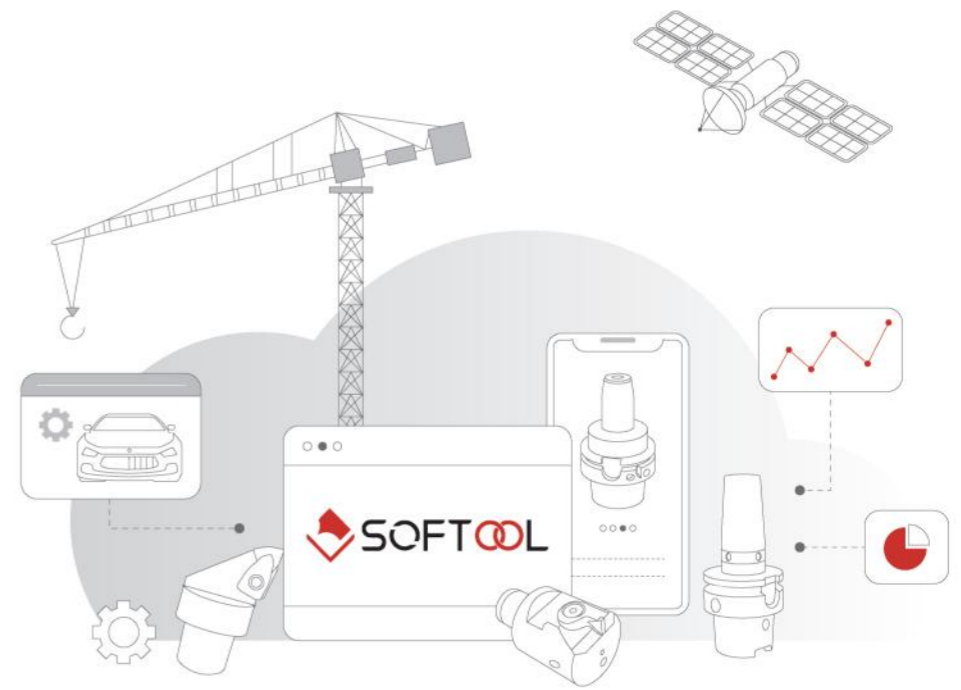


综合样本 | 2024
COMPREHENSIVE
CATALOGUE



百斯图工具制造有限公司
SoftTool Manufacturing Co., Ltd.

公司简介

COMPANY
PROFILE

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

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

- 为全球客户专业提供PSC产品、铣刀体、钻杆、镗刀、液压刀柄、热装刀柄、夹具、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。

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



SofTool Manufacturing Co., Ltd.

百斯图工具

SofTool

· 是刀具 更是艺术 ·
TOOLING ALSO ARTS



序言 PREFACE

- 非常感谢各位查阅百斯图2024年样册。
- ★ 本样册所刊载所有产品均支持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 2024.
- ★ It supports OEM business for all products in this brochure.
The spare parts can be ordered separately. Please inquire on demand.

综合目录 COMPREHENSIVE CATALOG

◀ 012-085 液压刀柄

HYDRAULIC
CHUCK

◀ 088-169 热装刀柄

SHRINK-FIT
CHUCK

◀ 172-277 镗刀

BORING
TOOLS

◀ 280-347 PSC产品

PSC
PRODUCT

液压刀柄

HYDRAULIC CHUCK

· 是刀具 更是艺术 ·
TOOLING ALSO ARTS



液压刀柄目录 Hydraulic Chuck Contents

N 命名方式

Naming And Coding Rules

015

G 通用型液压刀柄

General Purpose

016-047

通用型 BT30A	GP BT30A	018
通用型 BT40A	GP BT40A	019
通用型 BT50A	GP BT50A	021
通用型 HSK32A	GP HSK32A	023
通用型 HSK32C	GP HSK32C	024
通用型 HSK40A	GP HSK40A	025
通用型 HSK40C	GP HSK40C	026
通用型 HSK40E	GP HSK40E	027
通用型 HSK50A	GP HSK50A	028
通用型 HSK50C	GP HSK50C	029
通用型 HSK50E	GP HSK50E	030
通用型 HSK63A	GP HSK63A	031
通用型 HSK63C	GP HSK63C	033
通用型 HSK80A	GP HSK80A	034
通用型 HSK100A	GP HSK100A	035
通用型 SK30A	GP SK30A	037
通用型 SK40A	GP SK40A	038
通用型 SK50A	GP SK50A	040
NEW! 通用型 DB	GP DB	042
通用型 超短型	GP Extra Short Design	044
通用型 PSC40A	GP PSC40A	045
通用型 PSC50A	GP PSC50A	046
通用型 PSC63A	GP PSC63A	047

NEW! H 强力型液压刀柄

High Torque

048-059

强力型 BT30A	HQ BT30A	050
强力型 BT40A	HQ BT40A	051
强力型 BT50A	HQ BT50A	052
强力型 HSK63A	HQ HSK63A	053
强力型 HSK100A	HQ HSK100A	054
强力型 SK40A	HQ SK40A	055
强力型 SK50A	HQ SK50A	056
强力型 DB30A	HQ DB30A	057
强力型 DB40A	HQ DB40A	058
强力型 PSC	HQ PSC	059

G 磨刀机刀柄

Grinding Machine Chuck

060-063

磨刀机刀柄 SK50A	GM SK50A	062
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R 减径套

Reduction Bushes

064-073

命名方式	Naming And Coding Rules	066
ISL12-IC	ISL12-IC	067
ISL20-IC	ISL20-IC	068
ISL25-IC	ISL25-IC	069
ISL32-IC	ISL32-IC	070
ISL12-PC	ISL12-PC	071
ISL20-PC	ISL20-PC	072
ISL32-PC	ISL32-PC	073

液压刀柄目录 Hydraulic Chuck Contents

攻丝刀柄 Tapping Chuck

074-082

同步攻丝液压刀柄命名方式	Synchro Tapping Chucks Naming And Coding Rules	076
同步攻丝液压刀柄	Synchro Tapping Chucks	077
NEW! ER 同步攻丝刀柄	ER Synchro Tapping Chucks	078
同步攻丝液压刀柄减径套命名方式	Synchro Tapping Chucks Reduction Bushes Naming And Coding Rules	080
同步攻丝液压刀柄减径套	Synchro Tapping Chucks Reduction Bushes	081

配件清单 List of Parts

083-084

命名方式 Naming And Coding Rules

BGP 01	BT30 02	A 03	HY 04	12 05	090 06	M 07
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01 产品类型 Type	
BGP	通用型 General Purpose
BHQ	强力型 High Torque
BGM	磨刀机刀柄 Grinding Machine Chuck
BTAP	攻丝刀柄 Tapping Chuck

02 接口规格 Coupling Type			
BT	30	SK	30
	40		40
	50		50
HSK	32	PSC	40
	40		50
	50		63
	63	DB	30
	80		40
	100		50

03 法兰类型 Flange Type	
A	自动换刀中心冷却孔 Automatic change tool with center cooling hole
C	手动换刀中心冷却孔 Manual change tool with center cooling hole
E	自动换刀不带定位键 Automatic change tool without positioning slot
F	自动换刀加大法兰无定位键 Automatic change tool with larger flange without positioning slot

04 刀柄类型 Chuck Type	
HY	液压刀柄 Hydraulic Chuck
ST	热装刀柄 Shrink-fit Chuck

05 夹持孔直径 Diameter	
6	6mm
8	8mm
10	10mm
12	12mm
14	14mm
16	16mm
18	18mm
20	20mm
25	25mm
32	32mm

06 有效长度 Length			
50	50mm	85	85mm
55	55mm	87	87mm
58	58mm	90	90mm
60	60mm	92	92mm
65	65mm	97	97mm
66	66mm	100	100mm
67	67mm	102	102mm
69	69mm	105	105mm
70	70mm	110	110mm
72	72mm	115	115mm
75	75mm	120	120mm
76	76mm	125	125mm
80	80mm	140	140mm
81	81mm	150	150mm
82	82mm	200	200mm
83	83mm		

07 制式 Format	
M	公制 Metric
I	英制 Inch

通用型液压刀柄
GENERAL PURPOSE



01

适用于钻削、铰削、镗削及铣削等
切削加工

For drilling, reaming, boring, milling and other
cutting machining

02

接口涵盖BT、DB、HSK、SK及
PSC等类型

Coupling type: BT / DB / HSK / SK / PSC

03

在2.5xD处回转精度 $\leq 0.003\text{mm}$

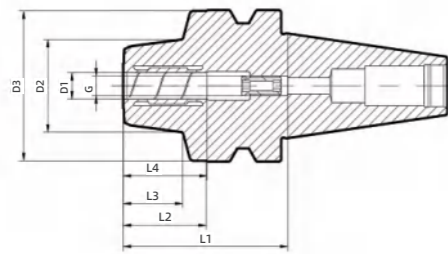
Runout $\leq 0.003\text{mm}$ at 2.5D

04

转速为25000rpm时，平衡质量等级
达到G2.5或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$

Balancing Grade: G2.5 at 25,000 rpm or
 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$

通用型 /GP BT30A JIS B6339



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

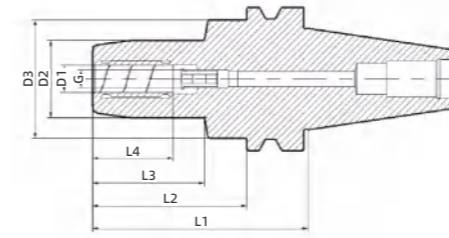
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
BT30A	BGPBT30AHY06050M	6	26	45.5	50	25.2	17.4	26	M5	0.60	SW5
BT30A	BGPBT30AHY06100M	6	26	45.5	100	75.2	58.8	26	M5	0.86	SW5
BT30A	BGPBT30AHY08050M	8	28	45.5	50	25.2	19	26	M6	0.61	SW5
BT30A	BGPBT30AHY08100M	8	28	45.5	100	75.2	59.1	26	M6	0.89	SW5
BT30A	BGPBT30AHY10050M	10	30	45.5	50	25.2	17.4	30	M8*1	0.61	SW5
BT30A	BGPBT30AHY10100M	10	30	45.5	100	75.2	59.3	30	M8*1	0.94	SW5
BT30A	BGPBT30AHY12050M	12	32	45.5	50	25.2	17.4	36	M8*1	0.62	SW5
BT30A	BGPBT30AHY12100M	12	32	45.5	100	75.2	59.6	36	M8*1	0.97	SW5
BT30A	BGPBT30AHY14090M	14	34	45.5	90	65.2	49.9	36	M10*1	0.86	SW5
BT30A	BGPBT30AHY16090M	16	38	45.5	90	65.2	50.4	40	M12*1	0.98	SW5
BT30A	BGPBT30AHY18090M	18	40	45.5	90	65.2	50.7	41	M12*1	0.94	SW5
BT30A	BGPBT30AHY20090M	20	42	45.5	90	65.2	50.9	41	M12*1	1.02	SW5
BT30A	BGPBT30AHY20100M	20	42	45.5	100	75.2	60.9	41	M12*1	1.14	SW5

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

通用型 /GP BT40A JIS B6339



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
BT40A	BGPBT40AHY06090M	6	26	52	90	63	43.6	26	M5	1.42	SW5
BT40A	BGPBT40AHY06120M	6	26	52	120	83	63.6	26	M5	1.48	SW5
BT40A	BGPBT40AHY06140M	6	26	52	140	113	93.6	26	M5	1.63	SW5
BT40A	BGPBT40AHY08090M	8	28	52	90	63	43.8	26	M6	1.42	SW5
BT40A	BGPBT40AHY08120M	8	28	52	120	83	63.8	26	M6	1.52	SW5
BT40A	BGPBT40AHY08140M	8	28	52	140	113	93.8	26	M6	1.68	SW5
BT40A	BGPBT40AHY10090M	10	30	52	90	63	44	30	M8*1	1.43	SW5
BT40A	BGPBT40AHY10120M	10	30	52	120	83	64	30	M8*1	1.56	SW5
BT40A	BGPBT40AHY10140M	10	30	52	140	113	94	30	M8*1	1.76	SW5
BT40A	BGPBT40AHY12090M	12	32	52	90	63	44.1	36	M8*1	1.50	SW5
BT40A	BGPBT40AHY12120M	12	32	52	120	83	64.1	36	M8*1	1.59	SW5
BT40A	BGPBT40AHY12140M	12	32	52	140	113	94.1	36	M8*1	1.84	SW5
BT40A	BGPBT40AHY14090M	14	34	52	90	63	44.3	36	M10*1	1.49	SW5
BT40A	BGPBT40AHY14120M	14	34	52	120	83	64.3	36	M10*1	1.68	SW5
BT40A	BGPBT40AHY14140M	14	34	52	140	113	94.3	36	M10*1	1.83	SW5

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通用型 /GP BT40A JIS B6339

> 技术参数 | Technical parameters

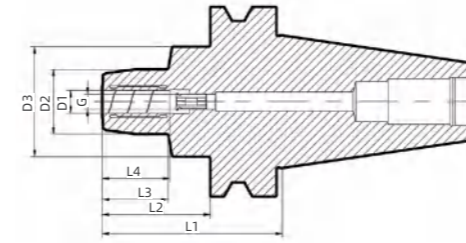
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
BT40A	BGPBT40AHY16090M	16	38	52	90	63	44.7	40	M12*1	1.57	SW5
BT40A	BGPBT40AHY16120M	16	38	52	120	83	64.7	40	M12*1	1.71	SW5
BT40A	BGPBT40AHY16140M	16	38	52	140	113	94.7	40	M12*1	2.05	SW5
BT40A	BGPBT40AHY18090M	18	40	52	90	63	44.8	41	M12*1	1.56	SW5
BT40A	BGPBT40AHY18120M	18	40	52	120	83	64.8	41	M12*1	1.75	SW5
BT40A	BGPBT40AHY18140M	18	40	52	140	113	94.8	41	M12*1	2.04	SW5
BT40A	BGPBT40AHY20090M	20	42	52	90	63	45	41	M12*1	1.69	SW5
BT40A	BGPBT40AHY20120M	20	42	52	120	83	65	41	M12*1	1.79	SW5
BT40A	BGPBT40AHY20140M	20	42	52	140	113	95	41	M12*1	2.19	SW5
BT40A	BGPBT40AHY25120M	25	57	65	120	83	56.9	47	M16*1	2.39	SW5
BT40A	BGPBT40AHY25140M	25	57	65	140	113	86.9	47	M16*1	2.98	SW5
BT40A	BGPBT40AHY32083M	32	63	75	83	56	29.9	51	M16*1	1.94	SW6
BT40A	BGPBT40AHY32120M	32	63	75	120	93	66.9	51	M16*1	2.83	SW6

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165

- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

通用型 /GP BT50A JIS B6339



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节

- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
BT50A	BGPBT50AHY06090M	6	26	58	90	52	29.1	26	M5	4.14	SW5
BT50A	BGPBT50AHY06110M	6	26	58	110	72	49.1	36	M5	4.22	SW5
BT50A	BGPBT50AHY06140M	6	26	58	140	102	79.1	26	M5	4.33	SW5
BT50A	BGPBT50AHY08090M	8	28	58	90	52	29.3	26	M6	4.14	SW5
BT50A	BGPBT50AHY08110M	8	28	58	110	72	49.3	26	M6	4.24	SW5
BT50A	BGPBT50AHY08140M	8	28	58	140	102	79.3	26	M6	4.36	SW5
BT50A	BGPBT50AHY10090M	10	30	58	90	52	29.4	30	M8*1	4.13	SW5
BT50A	BGPBT50AHY10110M	10	30	58	110	72	49.4	30	M8*1	4.24	SW5
BT50A	BGPBT50AHY10140M	10	30	58	140	102	79.4	30	M8*1	4.38	SW5
BT50A	BGPBT50AHY12090M	12	32	58	90	52	31	36	M8*1	4.16	SW5
BT50A	BGPBT50AHY12110M	12	32	58	110	72	49.6	36	M8*1	4.24	SW5
BT50A	BGPBT50AHY12140M	12	32	58	140	102	79.6	36	M8*1	4.48	SW5
BT50A	BGPBT50AHY16090M	16	38	58	90	52	30.1	40	M12*1	4.17	SW5

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通用型 /GP BT50A JIS B6339

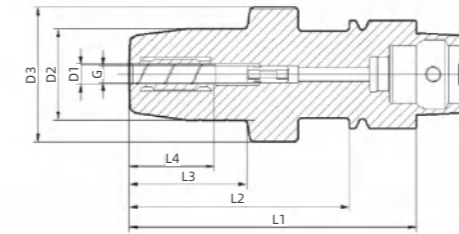
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
BT50A	BGPBT50AHY16110M	16	38	58	110	72	50.1	40	M12*1	4.34	SW5
BT50A	BGPBT50AHY16140M	16	38	58	140	102	80.1	40	M12*1	4.58	SW5
BT50A	BGPBT50AHY20090M	20	42	58	90	52	31	41	M12*1	4.21	SW5
BT50A	BGPBT50AHY20110M	20	42	58	110	72	50.5	41	M12*1	4.39	SW5
BT50A	BGPBT50AHY20140M	20	42	58	140	102	80.5	41	M12*1	4.77	SW5
BT50A	BGPBT50AHY32120M	32	63	75	120	82	60.8	51	M16*1	5.29	SW6

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

通用型 /GP HSK32A DIN 69893



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节
- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

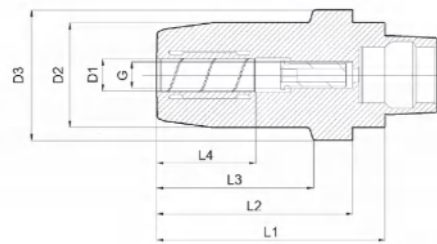
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key	水嘴 Nozzle
HSK32A	BGPHSK32AHY06080M	6	26	39.8	80	60	29.7	26	M5	0.41	SW4	M10*1
HSK32A	BGPHSK32AHY08080M	8	28	39.8	80	60	29.8	27	M6	0.42	SW4	M10*1
HSK32A	BGPHSK32AHY10085M	10	30	39.8	85	65	35	30	M8*1	0.47	SW4	M10*1
HSK32A	BGPHSK32AHY12090M	12	32	39.8	90	70	40.2	36	M8*1	0.52	SW4	M10*1

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately, please refer to P83

通用型 /GP HSK32C DIN 69893



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

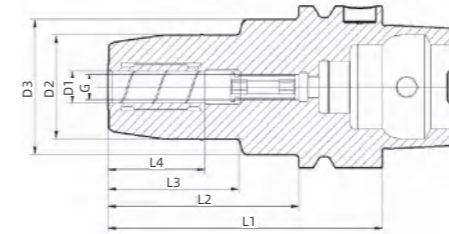
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
HSK32C	BGPHSK32CHY06065M	6	26	32	65	33.1	33.1	26	M5	0.35	SW4
HSK32C	BGPHSK32CHY08067M	8	28	32	67	33.4	33.4	27	M6	0.38	SW4
HSK32C	BGPHSK32CHY10070M	10	30	32	70	36.7	36.7	30	M8*1	0.43	SW4
HSK32C	BGPHSK32CHY12076M	12	32	32	76	76	76	36	M8*1	0.49	SW4

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request

通用型 /GP HSK40A DIN 69893



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

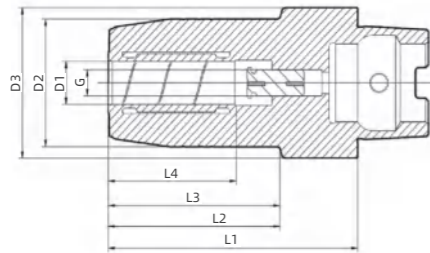
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key	水嘴 Nozzle
HSK40A	BGPHSK40AHY06070M	6	26	33.5	70	50	31.9	26	M5	0.41	SW4	M12*1
HSK40A	BGPHSK40AHY08070M	8	28	33.5	70	50	32.2	27	M6	0.42	SW4	M12*1
HSK40A	BGPHSK40AHY10075M	10	30	33.5	75	55	37.5	30	M8*1	0.48	SW4	M12*1
HSK40A	BGPHSK40AHY12080M	12	32	33.5	80	60	42.5	36	M8*1	0.52	SW4	M12*1
HSK40A	BGPHSK40AHY14085M	14	34	52.5	85	65	31.3	39	M12*1	0.78	SW5	M12*1
HSK40A	BGPHSK40AHY16090M	16	38	52.5	90	70	36.6	40	M12*1	0.83	SW5	M12*1
HSK40A	BGPHSK40AHY20100M	20	42	52.5	100	80	47	41	M12*1	0.97	SW5	M12*1

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK40C DIN 69893



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

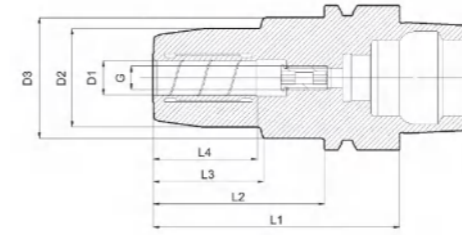
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
HSK40C	BGPHSK40CHY06060M	6	26	40	60	36.1	36.1	26	M5	0.36	SW4
HSK40C	BGPHSK40CHY08060M	8	28	40	60	36.3	36.3	27	M6	0.37	SW4
HSK40C	BGPHSK40CHY10065M	10	30	40	65	41.6	41.6	30	M8*1	0.44	SW4
HSK40C	BGPHSK40CHY12070M	12	32	40	70	47	47	36	M8*1	0.49	SW4

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request

通用型 /GP HSK40E DIN 69893



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

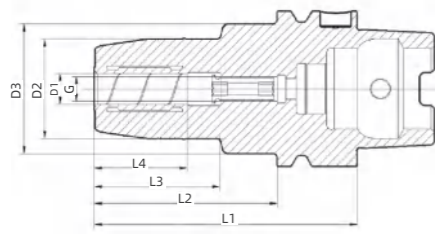
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key	水嘴 Nozzle
HSK40E	BGPHSK40EHY06070M	6	26	33.5	70	50	31.9	26	M5	0.42	SW4	M12*1
HSK40E	BGPHSK40EHY08070M	8	28	33.5	70	50	32.2	27	M6	0.44	SW4	M12*1
HSK40E	BGPHSK40EHY10075M	10	30	33.5	75	55	37.5	30	M8*1	0.49	SW4	M12*1
HSK40E	BGPHSK40EHY12080M	12	32	33.5	80	60	42.7	36	M8*1	0.54	SW4	M12*1

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately, please refer to P83

通用型 /GP HSK50A DIN 69893



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

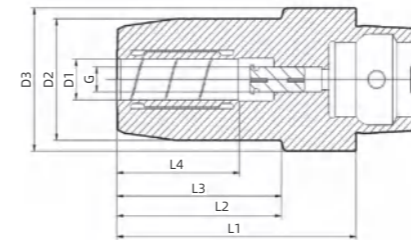
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key	水嘴 Nozzle
HSK50A	BGPHSK50AHY06070M	6	26	41.8	70	44	20.8	26	M5	0.62	SW5	M16*1
HSK50A	BGPHSK50AHY08070M	8	28	41.8	70	44	21.1	27	M5	0.63	SW5	M16*1
HSK50A	BGPHSK50AHY10075M	10	30	41.8	75	49	31	30	M8*1	0.71	SW5	M16*1
HSK50A	BGPHSK50AHY12085M	12	32	41.8	85	59	36.6	36	M8*1	0.78	SW5	M16*1
HSK50A	BGPHSK50AHY14085M	14	34	41.8	85	59	36.9	39	M12*1	0.83	SW5	M16*1
HSK50A	BGPHSK50AHY16090M	16	38	52.8	90	64	31	40	M12*1	1.02	SW5	M16*1
HSK50A	BGPHSK50AHY18090M	18	40	52.8	90	64	31	41	M12*1	1.03	SW5	M16*1
HSK50A	BGPHSK50AHY20090M	20	42	56.8	90	64	31	41	M12*1	1.08	SW5	M16*1

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK50C DIN 69893



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

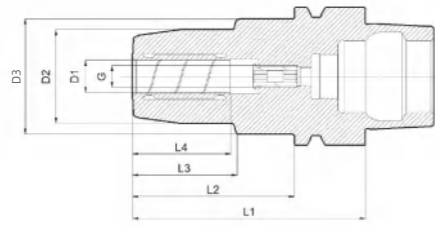
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
HSK50C	BGPHSK50CHY06060M	6	26	50	60	28.3	28.3	26	M5	0.55	SW5
HSK50C	BGPHSK50CHY08060M	8	28	50	60	28.5	28.5	27	M5	0.56	SW5
HSK50C	BGPHSK50CHY10065M	10	30	50	65	33.7	33.7	30	M8*1	0.62	SW5
HSK50C	BGPHSK50CHY12075M	12	32	50	75	43.9	43.9	36	M8*1	0.70	SW5
HSK50C	BGPHSK50CHY14075M	14	34	50	75	44	44	39	M12*1	0.76	SW5
HSK50C	BGPHSK50CHY16080M	16	38	50	80	49.4	49.4	40	M12*1	0.83	SW5
HSK50C	BGPHSK50CHY18080M	18	40	50	80	49.6	49.6	41	M12*1	0.86	SW5
HSK50C	BGPHSK50CHY20080M	20	42	50	80	49.7	49.7	41	M12*1	0.89	SW5

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request

通用型 /GP HSK50E DIN 69893



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节
- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

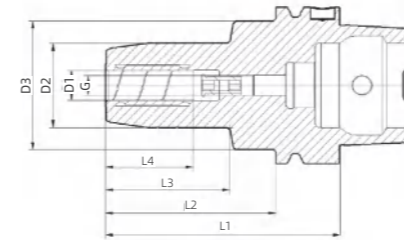
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key	水嘴 Nozzle
HSK50E	BGPHSK50EHY06070M	6	26	41.8	70	44	20.8	26	M5	0.69	SW5	M16*1
HSK50E	BGPHSK50EHY08070M	8	28	41.8	70	44	21.1	27	M6	0.70	SW5	M16*1
HSK50E	BGPHSK50EHY10075M	10	30	41.8	75	49	31	30	M8*1	0.73	SW5	M16*1
HSK50E	BGPHSK50EHY12085M	12	32	41.8	85	59	36.6	36	M8*1	0.81	SW5	M16*1
HSK50E	BGPHSK50EHY16090M	16	38	41.8	90	64	31	40	M12*1	1.04	SW5	M16*1
HSK50E	BGPHSK50EHY20090M	20	42	41.8	90	64	31	41	M12*1	1.10	SW5	M16*1

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK63A DIN 69893



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节
- 可提供微润滑定制, 请参照 168 页
- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length
- MQL can be customized, please refer to P168

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key	水嘴 Nozzle
HSK63A	BGPHSK63AHY06070M	6	26	51.8	70	44	24.7	26	M5	1.00	SW5	M18*1
HSK63A	BGPHSK63AHY06080M	6	26	51.8	80	54	34.7	26	M5	1.04	SW5	M18*1
HSK63A	BGPHSK63AHY06120M	6	26	51.8	120	94	74.7	26	M5	1.20	SW5	M18*1
HSK63A	BGPHSK63AHY06125M	6	26	51.8	125	99	79.7	26	M5	1.22	SW5	M18*1
HSK63A	BGPHSK63AHY06200M	6	26	51.8	200	174	154.7	26	M5	1.53	SW5	M18*1
HSK63A	BGPHSK63AHY08070M	8	28	51.8	70	44	24.9	27	M6	1.02	SW5	M18*1
HSK63A	BGPHSK63AHY08080M	8	28	51.8	80	54	34.9	27	M6	1.05	SW5	M18*1
HSK63A	BGPHSK63AHY08120M	8	28	51.8	120	94	74.9	27	M6	1.22	SW5	M18*1
HSK63A	BGPHSK63AHY08125M	8	28	51.8	125	99	79.9	27	M6	1.27	SW5	M18*1
HSK63A	BGPHSK63AHY08200M	8	28	51.8	200	174	154.9	27	M6	1.62	SW5	M18*1
HSK63A	BGPHSK63AHY10080M	10	30	51.8	80	54	35	30	M8*1	1.08	SW5	M18*1
HSK63A	BGPHSK63AHY10085M	10	30	51.8	85	59	40	30	M8*1	1.11	SW5	M18*1
HSK63A	BGPHSK63AHY10120M	10	30	51.8	120	94	75	30	M8*1	1.31	SW5	M18*1
HSK63A	BGPHSK63AHY10125M	10	30	51.8	125	99	80	30	M8*1	1.34	SW5	M18*1
HSK63A	BGPHSK63AHY10200M	10	30	51.8	200	174	155	30	M8*1	1.77	SW5	M18*1
HSK63A	BGPHSK63AHY12085M	12	32	51.8	85	59	40.2	36	M8*1	1.13	SW5	M18*1
HSK63A	BGPHSK63AHY12090M	12	32	51.8	90	64	45.2	36	M8*1	1.16	SW5	M18*1
HSK63A	BGPHSK63AHY12120M	12	32	51.8	120	94	75.2	36	M8*1	1.36	SW5	M18*1

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通用型 /GP HSK63A DIN 69893

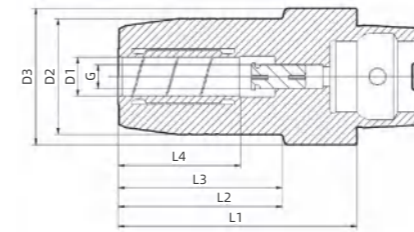
技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key	水嘴 Nozzle
HSK63A	BGPHSK63AHY12200M	12	32	51.8	200	174	155.2	36	M8*1	1.89	SW5	M18*1
HSK63A	BGPHSK63AHY14085M	14	34	51.8	85	59	40.4	39	M12*1	1.18	SW5	M18*1
HSK63A	BGPHSK63AHY14090M	14	34	51.8	90	64	45.4	39	M12*1	1.22	SW5	M18*1
HSK63A	BGPHSK63AHY14120M	14	34	51.8	120	94	75.4	39	M12*1	1.47	SW5	M18*1
HSK63A	BGPHSK63AHY14200M	14	34	51.8	200	174	155.4	39	M12*1	2.14	SW5	M18*1
HSK63A	BGPHSK63AHY16090M	16	38	51.8	90	64	45.7	40	M12*1	1.24	SW5	M18*1
HSK63A	BGPHSK63AHY16120M	16	38	51.8	120	94	75.7	40	M12*1	1.52	SW5	M18*1
HSK63A	BGPHSK63AHY16200M	16	38	51.8	200	174	155.7	40	M12*1	2.27	SW5	M18*1
HSK63A	BGPHSK63AHY18090M	18	40	51.8	90	64	45.9	41	M12*1	1.27	SW5	M18*1
HSK63A	BGPHSK63AHY18120M	18	40	51.8	120	94	75.9	41	M12*1	1.58	SW5	M18*1
HSK63A	BGPHSK63AHY18200M	18	40	51.8	200	174	155.9	41	M12*1	2.41	SW5	M18*1
HSK63A	BGPHSK63AHY20090M	20	42	51.8	90	64	46.1	41	M12*1	1.29	SW5	M18*1
HSK63A	BGPHSK63AHY20100M	20	42	51.8	100	74	56.1	41	M12*1	1.40	SW5	M18*1
HSK63A	BGPHSK63AHY20120M	20	42	51.8	120	94	76.1	41	M12*1	1.61	SW5	M18*1
HSK63A	BGPHSK63AHY20125M	20	42	51.8	125	99	81.1	41	M12*1	1.67	SW5	M18*1
HSK63A	BGPHSK63AHY20200M	20	42	51.8	200	174	156.1	41	M12*1	2.54	SW5	M18*1
HSK63A	BGPHSK63AHY25115M	25	57	64.8	115	89	55.9	47	M16*1	2.18	SW5	M18*1
HSK63A	BGPHSK63AHY25120M	25	57	64.8	120	94	60.9	47	M16*1	2.28	SW5	M18*1
HSK63A	BGPHSK63AHY32120M	32	63	74.8	120	94	59.8	51	M16*1	2.47	SW6	M18*1
HSK63A	BGPHSK63AHY32125M	32	63	74.8	125	99	64.8	51	M16*1	2.59	SW6	M18*1

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK63C DIN 69893



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 Umax < 1g·mm
- 轴向长度可调节
- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length

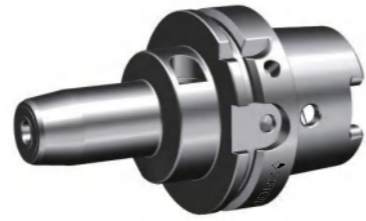
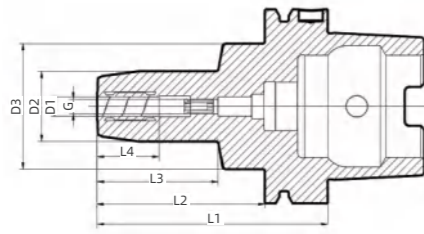
技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
HSK63C	BGPHSK63CHY06060M	6	26	63	60	27.2	27.2	26	M5	0.93	SW5
HSK63C	BGPHSK63CHY08060M	8	28	63	60	27.4	27.4	27	M6	0.94	SW5
HSK63C	BGPHSK63CHY10065M	10	30	63	65	32.5	32.5	30	M8*1	0.99	SW5
HSK63C	BGPHSK63CHY12075M	12	32	63	75	42.7	42.7	36	M8*1	1.06	SW5
HSK63C	BGPHSK63CHY14075M	14	34	63	75	42.9	42.9	39	M12*1	1.11	SW5
HSK63C	BGPHSK63CHY16080M	16	38	63	80	48.2	48.2	40	M12*1	1.18	SW5
HSK63C	BGPHSK63CHY18080M	18	40	63	80	48.4	48.4	41	M12*1	1.20	SW5
HSK63C	BGPHSK63CHY20080M	20	42	63	80	48.6	48.6	41	M12*1	1.23	SW5
HSK63C	BGPHSK63CHY32100M	32	63	63	100	59.4	59.4	51	M16*1	2.10	SW6

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request

通用型 /GP HSK80A DIN 69893



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节
- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

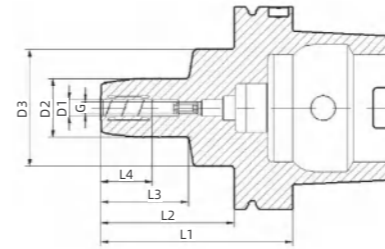
技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key	水嘴 Nozzle
HSK80A	BGPHSK80AHY06070M	6	26	51.8	70	44	24.7	26	-	1.45	SW5	M20*1.5
HSK80A	BGPHSK80AHY08070M	8	28	51.8	70	44	24.9	27	-	1.46	SW5	M20*1.5
HSK80A	BGPHSK80AHY10080M	10	30	51.8	80	54	35	30	M8*1	1.52	SW5	M20*1.5
HSK80A	BGPHSK80AHY12085M	12	32	51.8	85	59	40.2	36	M8*1	1.57	SW5	M20*1.5
HSK80A	BGPHSK80AHY14085M	14	34	51.8	85	59	40.4	36	-	1.62	SW5	M20*1.5
HSK80A	BGPHSK80AHY25110M	25	57	64.8	110	84	66.3	47	M16*1	2.58	SW5	M20*1.5
HSK80A	BGPHSK80AHY32125M	32	63	74.8	125	99	61.8	51	M16*1	3.21	SW6	M20*1.5

- 刀具柄部公差等级: h6
- 配合减径套夹持，实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴，请参照 83 页
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK100A DIN 69893



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节
- 可提供微润滑定制，请参照 168 页
- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length
- MQL can be customized, please refer to P168

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key	水嘴 Nozzle
HSK100A	BGPHSK100AHY06075M	6	26	57.8	75	46	23.1	26	-	2.49	SW5	M24*1.5
HSK100A	BGPHSK100AHY06110M	6	26	57.8	110	81	58.1	26	M5	2.60	SW5	M24*1.5
HSK100A	BGPHSK100AHY06150M	6	26	57.8	150	121	98.1	26	M5	2.76	SW5	M24*1.5
HSK100A	BGPHSK100AHY08075M	8	28	57.8	75	46	23.3	26	-	2.50	SW5	M24*1.5
HSK100A	BGPHSK100AHY08110M	8	28	57.8	110	81	58.3	26	M6	2.63	SW5	M24*1.5
HSK100A	BGPHSK100AHY08150M	8	28	57.8	150	121	98.3	26	M6	2.81	SW5	M24*1.5
HSK100A	BGPHSK100AHY10090M	10	30	57.8	90	61	38.5	30	M8*1	2.59	SW5	M24*1.5
HSK100A	BGPHSK100AHY10110M	10	30	57.8	110	81	58.5	30	M8*1	2.64	SW5	M24*1.5
HSK100A	BGPHSK100AHY10150M	10	30	57.8	150	121	98.5	30	M8*1	2.88	SW5	M24*1.5
HSK100A	BGPHSK100AHY12095M	12	32	57.8	95	66	43.7	36	M8*1	2.63	SW5	M24*1.5
HSK100A	BGPHSK100AHY12110M	12	32	57.8	110	81	58.7	36	M8*1	2.69	SW5	M24*1.5
HSK100A	BGPHSK100AHY12150M	12	32	57.8	150	121	98.7	36	M8*1	2.93	SW5	M24*1.5
HSK100A	BGPHSK100AHY14095M	14	34	57.8	95	66	43.9	36	M10*1	2.69	SW5	M24*1.5
HSK100A	BGPHSK100AHY14150M	14	34	57.8	150	121	98.9	36	M10*1	3.00	SW5	M24*1.5
HSK100A	BGPHSK100AHY16100M	16	38	57.8	100	71	49.2	40	M12*1	2.76	SW5	M24*1.5

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通用型 /GP HSK100A DIN 69893

> 技术参数 | Technical parameters

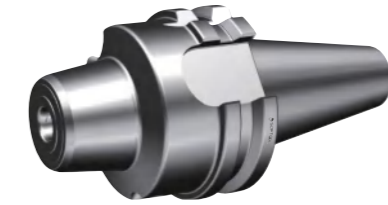
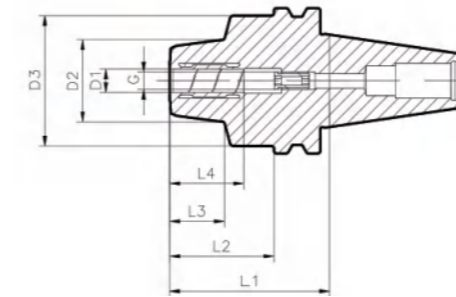
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key	水嘴 Nozzle
HSK100A	BGPHSK100AHY16150M	16	38	57.8	150	121	99.2	40	M12*1	3.14	SW5	M24*1.5
HSK100A	BGPHSK100AHY18100M	18	40	57.8	100	71	49.4	41	M12*1	2.79	SW5	M24*1.5
HSK100A	BGPHSK100AHY18150M	18	40	57.8	150	121	99.4	41	M12*1	3.21	SW5	M24*1.5
HSK100A	BGPHSK100AHY20105M	20	42	57.8	105	76	54.6	41	M12*1	2.87	SW5	M24*1.5
HSK100A	BGPHSK100AHY20150M	20	42	57.8	150	121	99.6	41	M12*1	3.26	SW5	M24*1.5
HSK100A	BGPHSK100AHY25110M	25	57	64.8	110	81	60.3	47	M16*1	3.44	SW5	M24*1.5
HSK100A	BGPHSK100AHY32110M	32	63	74.8	110	81	59.9	51	M16*1	3.66	SW6	M24*1.5
HSK100A	BGPHSK100AHY32150M	32	63	74.8	150	121	99.9	51	M16*1	4.58	SW6	M24*1.5

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP SK30A DIN 69871



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节

- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

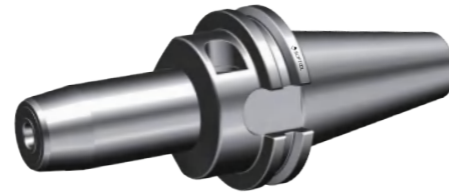
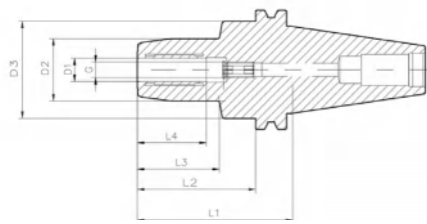
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
SK30A	BGPSK30AHY06055M	6	26	44.8	55	35.9	18.5	26	M5	0.63	SW5
SK30A	BGPSK30AHY08055M	8	28	44.8	55	35.9	18.7	26	M6	0.63	SW5
SK30A	BGPSK30AHY10055M	10	30	44.8	55	35.9	19	30	M8*1	0.63	SW5
SK30A	BGPSK30AHY12055M	12	32	44.8	55	35.9	19.3	36	M8*1	0.64	SW5
SK30A	BGPSK30AHY16090M	16	38	44.8	90	70.9	48	40	M12*1	0.98	SW5
SK30A	BGPSK30AHY20090M	20	42	44.8	90	70.9	48.7	41	M12*1	1.03	SW5

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165

- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

通用型 /GP SK40A DIN 69871



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节

- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
SK40A	BGPSK40AHY06080M	6	26	49.8	80	60.9	41.7	26	M5	1.23	SW5
SK40A	BGPSK40AHY06110M	6	26	49.8	110	90.9	71.7	26	M5	1.35	SW5
SK40A	BGPSK40AHY06120M	6	26	49.8	120	100.9	81.7	26	M5	1.40	SW5
SK40A	BGPSK40AHY08080M	8	28	49.8	80	60.9	41.9	26	M6	1.25	SW5
SK40A	BGPSK40AHY08110M	8	28	49.8	110	90.9	71.9	26	M6	1.40	SW5
SK40A	BGPSK40AHY08120M	8	28	49.8	120	100.9	81.9	26	M6	1.45	SW5
SK40A	BGPSK40AHY10080M	10	30	49.8	80	60.9	42.1	30	M8*1	1.29	SW5
SK40A	BGPSK40AHY10110M	10	30	49.8	110	90.9	72.1	30	M8*1	1.47	SW5
SK40A	BGPSK40AHY10120M	10	30	49.8	120	100.9	82.1	30	M8*1	1.53	SW5
SK40A	BGPSK40AHY12080M	12	32	49.8	80	60.9	42.2	36	M8*1	1.31	SW5
SK40A	BGPSK40AHY12110M	12	32	49.8	110	90.9	72.2	36	M8*1	1.51	SW5
SK40A	BGPSK40AHY12120M	12	32	49.8	120	100.9	82.2	36	M8*1	1.58	SW5
SK40A	BGPSK40AHY14080M	14	34	49.8	80	60.9	42.4	36	M10*1	1.36	SW5
SK40A	BGPSK40AHY14120M	14	34	49.8	120	100.9	82.4	36	M10*1	1.70	SW5
SK40A	BGPSK40AHY16080M	16	38	49.8	80	60.9	42.8	40	M12*1	1.38	SW5

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通用型 /GP SK40A DIN 69871

技术参数 | Technical parameters

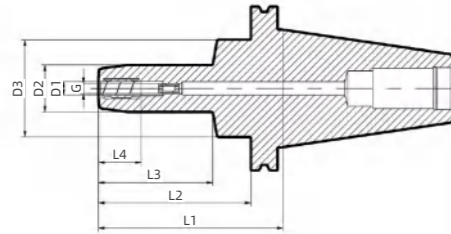
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
SK40A	BGPSK40AHY16110M	16	38	49.8	110	90.9	72.8	40	M12*1	1.66	SW5
SK40A	BGPSK40AHY16120M	16	38	49.8	120	100.9	82.8	40	M12*1	1.76	SW5
SK40A	BGPSK40AHY18080M	18	40	49.8	80	60.9	42.9	41	M12*1	1.40	SW5
SK40A	BGPSK40AHY18120M	18	40	49.8	120	100.9	82.9	41	M12*1	1.82	SW5
SK40A	BGPSK40AHY20080M	20	42	49.8	80	60.9	43.1	41	M12*1	1.41	SW5
SK40A	BGPSK40AHY20110M	20	42	49.8	110	90.9	73.1	41	M12*1	1.76	SW5
SK40A	BGPSK40AHY20120M	20	42	49.8	120	100.9	83.1	41	M12*1	1.88	SW5
SK40A	BGPSK40AHY25080M	25	57	64.8	80	60.9	27.2	47	M16*1	1.75	SW5
SK40A	BGPSK40AHY25100M	25	57	64.8	100	80.9	47.2	47	M16*1	2.17	SW5
SK40A	BGPSK40AHY25120M	25	57	64.8	120	100.9	67.2	47	M16*1	2.58	SW5
SK40A	BGPSK40AHY32080M	32	63	74.8	80	60.9	31	51	M16*1	1.80	SW6
SK40A	BGPSK40AHY32100M	32	63	74.8	100	80.9	43.8	51	M16*1	2.32	SW6
SK40A	BGPSK40AHY32120M	32	63	74.8	120	100.9	63.8	51	M16*1	2.80	SW6

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165

- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

通用型 /GP SK50A DIN 69871



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节

- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
SK50A	BGPSK50AHY06110M	6	26	57.8	110	90.9	68	26	M5	3.31	SW5
SK50A	BGPSK50AHY06150M	6	26	57.8	150	130.9	108	26	M5	3.43	SW5
SK50A	BGPSK50AHY08110M	8	28	57.8	110	90.9	68.2	27	M6	3.34	SW5
SK50A	BGPSK50AHY08150M	8	28	57.8	150	130.9	108.2	26	M6	3.48	SW5
SK50A	BGPSK50AHY10110M	10	30	57.8	110	90.9	68.3	30	M8*1	3.39	SW5
SK50A	BGPSK50AHY10150M	10	30	57.8	150	130.9	108.3	30	M8*1	3.52	SW5
SK50A	BGPSK50AHY12110M	12	32	57.8	110	90.9	68.5	36	M8*1	3.44	SW5
SK50A	BGPSK50AHY12150M	12	32	57.8	150	130.9	108.5	36	M8*1	3.59	SW5
SK50A	BGPSK50AHY14110M	14	34	57.8	110	90.9	68.7	36	M10*1	3.51	SW5
SK50A	BGPSK50AHY14150M	14	34	57.8	150	130.9	108.7	36	M10*1	3.63	SW5
SK50A	BGPSK50AHY16110M	16	38	57.8	110	90.9	69.1	40	M12*1	3.56	SW5
SK50A	BGPSK50AHY16150M	16	38	57.8	150	130.9	109.1	40	M12*1	3.81	SW5

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通用型 /GP SK50A DIN 69871

技术参数 | Technical parameters

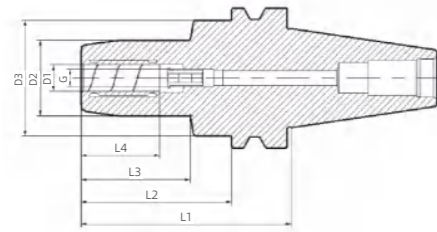
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
SK50A	BGPSK50AHY18110M	18	40	57.8	110	90.9	69.2	41	M12x1	3.61	SW5
SK50A	BGPSK50AHY18150M	18	40	57.8	150	130.9	109.2	41	M12*1	3.90	SW5
SK50A	BGPSK50AHY20080M	20	42	57.8	80	60.9	39.4	41	M12x1	3.32	SW5
SK50A	BGPSK50AHY20110M	20	42	57.8	110	90.9	69.4	41	M12x1	3.66	SW5
SK50A	BGPSK50AHY20150M	20	42	57.8	150	130.9	109.4	41	M12*1	3.98	SW5
SK50A	BGPSK50AHY32105M	32	63	70.8	105	85.9	65.1	51	M16x1	4.39	SW6
SK50A	BGPSK50AHY32110M	32	63	70.8	110	90.9	70.1	51	M16*1	4.39	SW6

- 刀具柄部公差等级: h6
- 配合减径套夹持，实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165

- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

通用型 /GP DB NEW!



- DB 双定位主轴系统
- 在 2.5xD 处回转精度 <0.006mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$

- DB Spindle System
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
DB30A	BGPDB30AHY06050M	6	26	45.5	50	25.2	17.4	26	M5	0.60	SW5
DB30A	BGPDB30AHY06100M	6	26	45.5	100	75.2	58.8	26	M5	0.86	SW5
DB30A	BGPDB30AHY08050M	8	28	45.5	50	25.2	19	26	M6	0.61	SW5
DB30A	BGPDB30AHY08100M	8	28	45.5	100	75.2	59.1	26	M6	0.89	SW5
DB30A	BGPDB30AHY10050M	10	30	45.5	50	25.2	17.4	30	M8*1	0.61	SW5
DB30A	BGPDB30AHY10100M	10	30	45.5	100	75.2	59.3	30	M8*1	0.94	SW5
DB30A	BGPDB30AHY12050M	12	32	45.5	50	25.2	17.4	36	M8*1	0.62	SW5
DB30A	BGPDB30AHY12100M	12	32	45.5	100	75.2	59.6	36	M8*1	0.97	SW5
DB30A	BGPDB30AHY16090M	16	38	45.5	90	65.2	50.4	40	M12*1	0.98	SW5
DB30A	BGPDB30AHY20090M	20	42	45.5	90	65.2	50.9	41	M12*1	1.02	SW5
DB30A	BGPDB30AHY20100M	20	42	45.5	100	75.2	60.9	41	M12*1	1.14	SW5
DB40A	BGPDB40AHY06090M	6	26	52	90	63	43.6	26	M5	1.42	SW5
DB40A	BGPDB40AHY06140M	6	26	52	140	113	93.6	26	M5	1.63	SW5
DB40A	BGPDB40AHY08090M	8	28	52	90	63	43.8	26	M6	1.42	SW5
DB40A	BGPDB40AHY08140M	8	28	52	140	113	93.8	26	M6	1.68	SW5

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通用型 /GP DB NEW!

技术参数 | Technical parameters

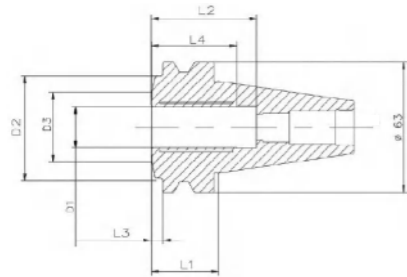
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
DB40A	BGPDB40AHY10090M	10	30	52	90	63	44	30	M8*1	1.43	SW5
DB40A	BGPDB40AHY10140M	10	30	52	140	113	94	30	M8*1	1.76	SW5
DB40A	BGPDB40AHY12090M	12	32	52	90	63	44.1	36	M8*1	1.50	SW5
DB40A	BGPDB40AHY12140M	12	32	52	140	113	94.1	36	M8*1	1.84	SW5
DB40A	BGPDB40AHY16090M	16	38	52	90	63	44.7	40	M12*1	1.57	SW5
DB40A	BGPDB40AHY16140M	16	38	52	140	113	94.7	40	M12*1	2.05	SW5
DB40A	BGPDB40AHY20090M	20	42	52	90	63	45	41	M12*1	1.69	SW5
DB40A	BGPDB40AHY20140M	20	42	52	140	113	95	41	M12*1	2.19	SW5
DB40A	BGPDB40AHY32083M	32	63	75	83	56	29.9	51	M16*1	1.94	SW6
DB50A	BGPDB50AHY06090M	6	26	58	90	52	29.1	26	M5	4.14	SW5
DB50A	BGPDB50AHY06140M	6	26	58	140	102	79.1	26	M5	4.33	SW5
DB50A	BGPDB50AHY08090M	8	28	58	90	52	29.3	26	M6	4.14	SW5
DB50A	BGPDB50AHY08140M	8	28	58	140	102	79.3	26	M6	4.36	SW5
DB50A	BGPDB50AHY10090M	10	30	58	90	52	29.4	30	M8*1	4.13	SW5
DB50A	BGPDB50AHY10140M	10	30	58	140	102	79.4	30	M8*1	4.38	SW5
DB50A	BGPDB50AHY12090M	12	32	58	90	52	31	36	M8*1	4.16	SW5
DB50A	BGPDB50AHY12140M	12	32	58	140	102	79.6	36	M8*1	4.48	SW5
DB50A	BGPDB50AHY16090M	16	38	58	90	52	30.1	40	M12*1	4.17	SW5
DB50A	BGPDB50AHY16140M	16	38	58	140	102	80.1	40	M12*1	4.58	SW5
DB50A	BGPDB50AHY20090M	20	42	58	90	52	31	41	M12*1	4.21	SW5
DB50A	BGPDB50AHY20140M	20	42	58	140	102	80.5	41	M12*1	4.77	SW5
DB50A	BGPDB50AHY32120M	32	63	75	120	82	60.8	51	M16*1	5.29	SW6

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165

- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

通用型 /GP 超短型 Extra Short Design



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 超短型
- 用于自动换刀
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- Extra short design
- For automatic tool change

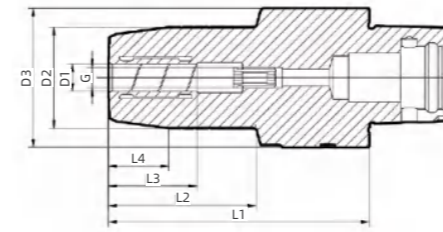
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	标准 Standard	产品型号 Ordering code	夹持孔 (D1)	外径 (D2)	D3	L1	L2	L3	L4	质量 (kg)
SK40A	DIN69871	BGPSK40AHY200246M	20	49.5	34	24.6	51	5.5	41	0.80
SK50A	DIN69871	BGPSK50AHY320309M	32	70.5	44.5	30.9	61	11.85	51	2.52
BT40A	JISB6339	BGPBT40AHY200325M	20	49.5	34	32.5	51	5.5	41	1.30

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

通用型 /GP PSC40A ISO 26623



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

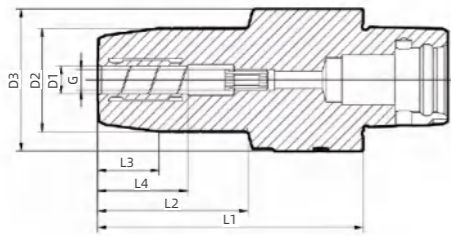
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
PSC40A	BGPPSC40AHY06066M	6	26	40	66	33	17.4	26	M5	0.47	SW4
PSC40A	BGPPSC40AHY08066M	8	28	40	66	33.3	17.4	26	M6	0.49	SW4
PSC40A	BGPPSC40AHY10076M	10	30	40	76	43.6	17.4	30	M8*1	0.57	SW4
PSC40A	BGPPSC40AHY12081M	12	32	40	81	48.8	17.4	36	M8*1	0.63	SW4

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request

通用型 /GP PSC50A ISO 26623



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

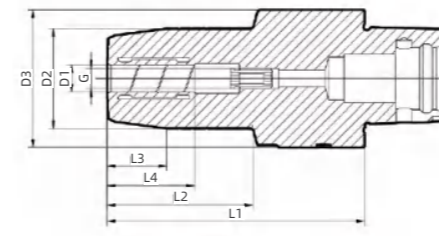
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
PSC50A	BGPPSC50AHY06070M	6	26	50	70	34.8	17.4	26	M5	0.75	SW5
PSC50A	BGPPSC50AHY08070M	8	28	50	70	35	17.4	26	M6	0.77	SW5
PSC50A	BGPPSC50AHY10080M	10	30	50	80	45.1	17.4	30	M8*1	0.85	SW5
PSC50A	BGPPSC50AHY12085M	12	32	50	85	50.3	17.4	36	M8*1	0.91	SW5
PSC50A	BGPPSC50AHY14085M	14	34	50	85	50.5	17.4	36	M10*1	0.98	SW5
PSC50A	BGPPSC50AHY16090M	16	38	50	90	55.8	17.4	40	M12*1	1.05	SW5
PSC50A	BGPPSC50AHY18090M	18	40	50	90	56	17.4	41	M12*1	1.08	SW5
PSC50A	BGPPSC50AHY20090M	20	42	50	90	56.2	17.4	41	M12*1	1.11	SW5

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request

通用型 /GP PSC63A ISO 26623



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
PSC63A	BGPPSC63AHY08072M	8	28	63	72	30.8	17.4	26	M6	1.30	SW5
PSC63A	BGPPSC63AHY10082M	10	30	63	82	41	17.4	30	M8*1	1.38	SW5
PSC63A	BGPPSC63AHY12087M	12	32	63	87	46.1	17.4	36	M8*1	1.44	SW5
PSC63A	BGPPSC63AHY14087M	14	34	63	87	46.3	17.4	36	M10*1	1.49	SW5
PSC63A	BGPPSC63AHY16092M	16	38	63	92	51.7	17.4	40	M12*1	1.56	SW5
PSC63A	BGPPSC63AHY18092M	18	40	63	92	50.9	17.4	41	M12*1	1.59	SW5
PSC63A	BGPPSC63AHY20097M	20	42	63	97	56	17.4	41	M12*1	1.67	SW5
PSC63A	BGPPSC63AHY25102M	25	57	63	102	62.4	17.4	47	M16*1	2.11	SW5
PSC63A	BGPPSC63AHY32110M	32	63	75	110	60.9	17.4	51	M16*1	2.50	SW6

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request

强力型
液压刀柄
HIGH TORQUE



NEW! 犀牛系列
Rhino Series

01

适用于大负载的原材料粗加工
For rough machining of materials with heavy load

02

可传递扭力高达900Nm
The torque can be up to 900Nm

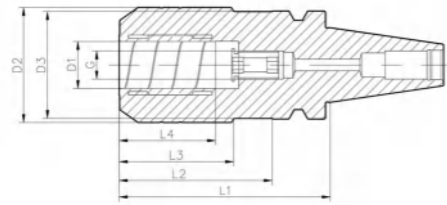
03

在2.5xD处回转精度 ≤ 0.003 mm
Runout ≤ 0.003 mm at 2.5D

04

转速为25000rpm时，平衡质量等级达到G2.5或 $U_{max} < 1g \cdot mm$
Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1g \cdot mm$

强力型 /HQ BT30A **NEW!** JIS B6339



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节
- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

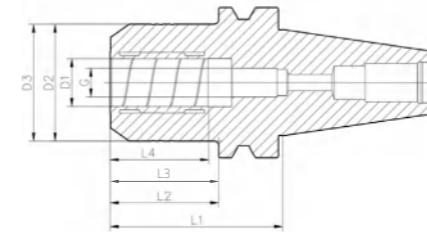
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
BT30A	BHQBT30AHY12069M	12	42	45.5	69	44.2	30	36	M8*1	0.85	SW5
BT30A	BHQBT30AHY20090M	20	49	45.5	90	65.2	47	41	M12*1	1.16	SW5

- 刀具柄部公差等级: h6
- 配合减径套夹持，实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

强力型 /HQ BT40A **NEW!** JIS B6339



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节
- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

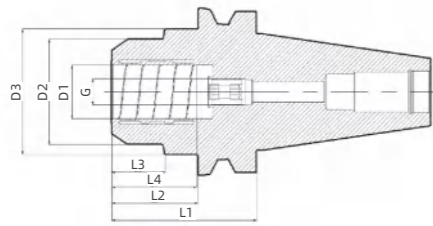
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
BT40A	BHQBT40AHY12058M	12	42	42	58	31	31	36	M8x1	1.25	SW5
BT40A	BHQBT40AHY12120M	12	42	42	120	93	93	36	M8x1	1.88	SW5
BT40A	BHQBT40AHY16072M	16	49	49	72	45	45	40	M12x1	1.44	SW5
BT40A	BHQBT40AHY20072M	20	49	49	72	45	45	41	M12x1	1.39	SW5
BT40A	BHQBT40AHY20120M	20	49	49	120	93	93	41	M12x1	2.13	SW5

- 刀具柄部公差等级: h6
- 配合减径套夹持，实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

强力型 /HQ BT50A **NEW!** JIS B6339



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

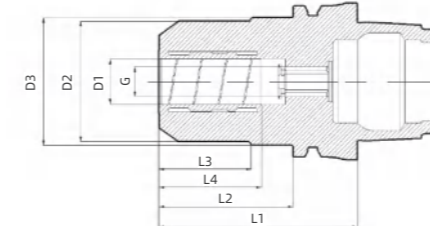
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
BT50A	BHQBT50AHY12069M	12	42	42	69	31	31	36	M8*1	3.92	SW5
BT50A	BHQBT50AHY20083M	20	49	58	83	45	28	41	M10*1	4.18	SW5
BT50A	BHQBT50AHY32090M	32	72	72	90	52	52	51	M16*1	4.58	SW6

- 刀具柄部公差等级: h6
- 配合减径套夹持，实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

强力型 /HQ HSK63A **NEW!** DIN 69893



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

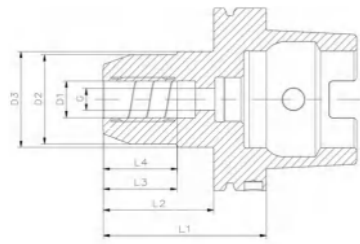
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key	水嘴 Nozzle
HSK63A	BHQHSK63AHY12080M	12	42	51.8	80	54	36.1	36	M8x1	1.22	SW5	M18*1
HSK63A	BHQHSK63AHY12120M	12	42	51.8	120	94	34	36	M8x1	1.22	SW5	M18*1
HSK63A	BHQHSK63AHY16080M	16	49	51.8	80	54	36.8	40	M12x1	1.28	SW5	M18*1
HSK63A	BHQHSK63AHY20080M	20	49	51.8	80	54	36.8	41	M12x1	1.28	SW5	M18*1
HSK63A	BHQHSK63AHY20120M	20	49	51.8	120	94	40.1	41	M12x1	1.90	SW5	M18*1

- 刀具柄部公差等级: h6
- 配合减径套夹持，实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴，请参照 83 页
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

强力型 /HQ HSK100A **NEW!** DIN 69893



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节
- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key	水嘴 Nozzle
HSK100A	BHQHSK100AHY20090M ¹	20	49	52.5	90	61	40.8	41	-	2.70	SW5	M24*1
HSK100A	BHQHSK100AHY32100M ¹	32	72	72	100	71	71	51	-	3.70	SW6	M24*1

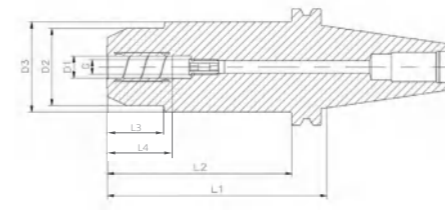
¹ 无过水顶丝

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

¹ Without back up screw

- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately. Please refer to P89

强力型 /HQ SK40A **NEW!** DIN 69871



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节
- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

技术参数 | Technical parameters

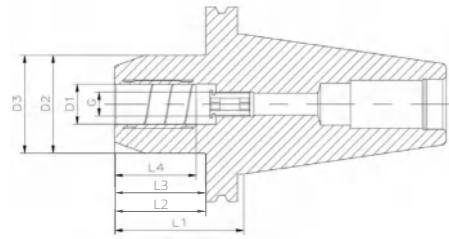
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
SK40A	BHQSK40AHY12050M	12	42	42	50	30.9	30.9	36	M8*1	1.06	SW5
SK40A	BHQSK40AHY16065M	16	49	49	65	45.9	45.9	40	M12*1	1.48	SW5
SK40A	BHQSK40AHY20065M	20	49	49	65	45.9	45.9	41	M12*1	1.28	SW5
SK40A	BHQSK40AHY12120M	12	42	49	120	100.9	31	36	M8*1	2.10	SW5
SK40A	BHQSK40AHY20120M	20	49	49	120	100.9	100.9	41	M12*1	2.10	SW5

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165

- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

强力型 /HQ SK50A NEW! DIN 69871



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节
- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

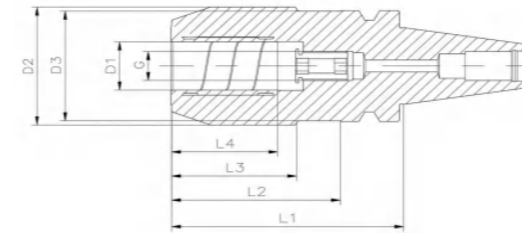
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
SK50A	BHQSK50AHY12050M	12	42	42	50	30.9	30.9	36	M8*1	2.88	SW5
SK50A	BHQSK50AHY20065M	20	49	49	65	45.9	45.9	41	M12*1	3.10	SW5
SK50A	BHQSK50AHY32081M	32	72	72	81	61.9	61.9	51	M16*1	4.00	SW6

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

强力型 /HQ DB30A NEW!



- 在 2.5xD 处回转精度 ≤ 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 轴向长度可调节
- Runout ≤ 0.003mm at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

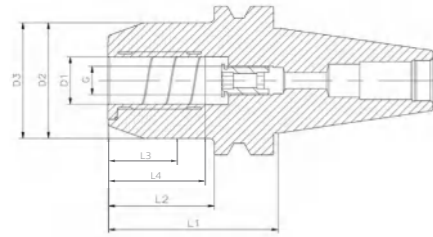
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
DB30A	BHQDB30AHY12069M	12	42	45.5	69	44	30.4	36	M8*1	0.84	SW5
DB30A	BHQDB30AHY20090M	20	49	45.5	90	65	48.3	41	M12*1	1.14	SW5

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

强力型 /HQ DB40A NEW!



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

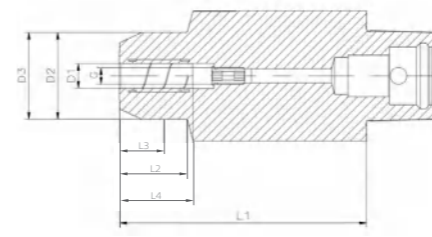
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
DB40A	BHQDB40AHY12058M	12	42	42	58	31	31	36	M8*1	1.22	SW5
DB40A	BHQDB40AHY20072M	20	49	49	72	45	45	41	M12*1	1.43	SW5

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165
- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165

强力型 /HQ PSC NEW! ISO 26623



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- 轴向长度可调节
- Runout $\leq 0.003\text{mm}$ at 2.5D
- Balancing Grade: G2.5 at 25,000 rpm or $U_{\text{max}} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
PSC40A	BHQPSC40AHY12065M ¹	12	40	40	65	-	-	36	-	0.62	SW5
PSC40A	BHQPSC40AHY20083M	20	45.5	45.5	83	63	63	41	M12*1	0.87	SW5
PSC50A	BHQPSC50AHY12070M ¹	12	42	42	70	32.8	32.8	36	-	0.94	SW5
PSC50A	BHQPSC50AHY20075M ¹	20	49	50	75	31.8	31.8	41	-	1.04	SW5
PSC63A	BHQPSC63AHY12075M ¹	12	42	63	75	33	33	36	-	1.48	SW5
PSC63A	BHQPSC63AHY20080M ¹	20	49	63	80	41	41	41	-	1.52	SW5
PSC63A	BHQPSC63AHY32090M	32	62.5	62.5	90	68	68	51	M16*1	1.90	SW6
PSC63A	BHQPSC63AHY12120M	12	42	63	120	33	33	36	M8*1	2.56	SW5
PSC63A	BHQPSC63AHY20120M	20	49	63	120	41	41	41	M12*1	2.65	SW5

¹ 无过水顶丝

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计

¹ Without back up screw

- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request

磨刀机刀柄
GRINDING MACHINE
CHUCK



01

应用于工具磨设备的工件夹持
For workpiece clamping with tool-grinding
machine

02

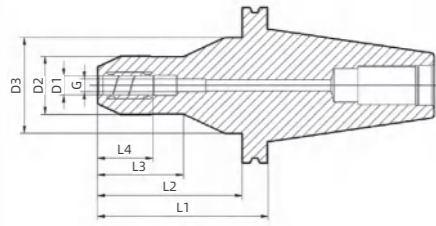
特有的轮廓设计，能有效的避免加工时与砂轮
产生的干涉

The unique contour design can effectively avoid the inter-
ference with the grinding wheel during machining

03

在2.5xD处回转精度 $\leq 0.003\text{mm}$
Runout $\leq 0.003\text{mm}$ at 2.5D

磨刀机刀柄 /GM SK50A DIN 69871



- 在 2.5xD 处回转精度 $\leq 0.003\text{mm}$
- 用于刀具修磨和刃磨机床
- 手动驱动

- Runout $\leq 0.003\text{mm}$ at 2.5D
- For tool-sharpening and grinding machines
- manual drive

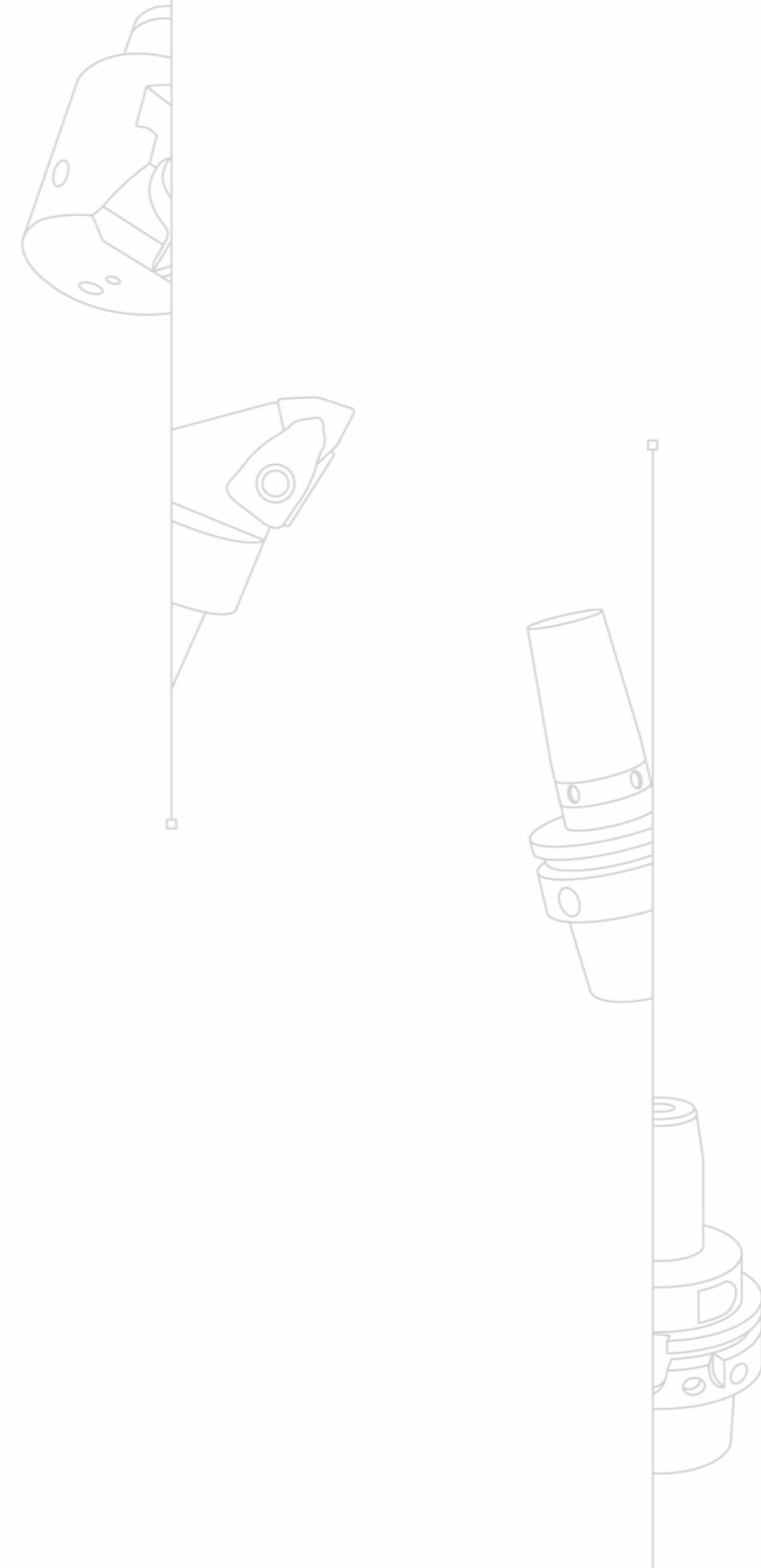
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4	G	重量 m (kg)	扳手 Key
SK50A	BGMSK50AHY12110M	12	36.5	60	110	90.9	54.1	36	M8*1	3.51	SW5
SK50A	BGMSK50AHY20110M	20	42	70	110	90.9	50.3	43	M12*1	3.69	SW5
SK50A	BGMSK50AHY32110M	32	54	70	110	90.9	62.4	53	M16*1	4.04	SW6

- 刀具柄部公差等级: h6
- 配合减径套夹持, 实现更灵活的夹持范围
- 标准发货范围不含驱动扳手
- 可按要求定制其他尺寸和特殊设计
- 拉钉选配详见通用刀柄 P152-165

- Tolerance class of tool shank: h6
- Clamping with reduction bushes, to achieve more flexible clamping range
- Drive key is not included in the standard order
- Additional sizes and special designs available on request
- Pull Stud choose, see the sample book of General Tool Handle P152-165



減径套
REDUCTION
BUSHES



01

配合液压刀柄使用，实现灵活的夹持范围

Used with hydraulic chuck to realize flexible clamping range

减径套命名方式

Naming And Coding Rules

ISL	0120	0040	M	IC	-	AA
01	02	03	04	05		06

01 产品名称 Product Name	
ISL	减径套 Reduction Bushes

02 接口规格 Coupling Type	
夹持外径 Holder diameter	12mm
	20mm
	25mm
	32mm

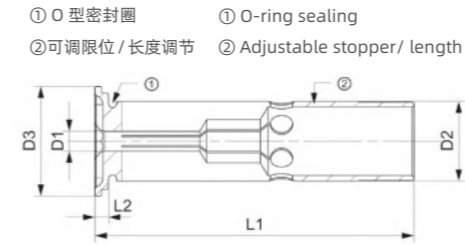
03 夹持孔直径 Diameter	
3mm	12mm
4mm	13mm
5mm	14mm
6mm	15mm
7mm	16mm
8mm	18mm
9mm	20mm
10mm	25mm
11mm	

04 制式 Format	
M	公制 Metric
I	英制 Inch

05 类型 Type	
IC	内部冷却 Internal Coolant
PC	端面冷却 End-face Cooling

06 精度等级 ACCURACY GRADE	
1μm < AA ≤ 3μm	
AAA ≤ 1μm	

减径套 / ISL12-IC



- 内部冷却
- 端面密封
- 可承受冷却液压力高达 80bar

- Internal cooling
- Closed collar
- Can withstand cooling up to 80bar

> 技术参数 | Technical parameters

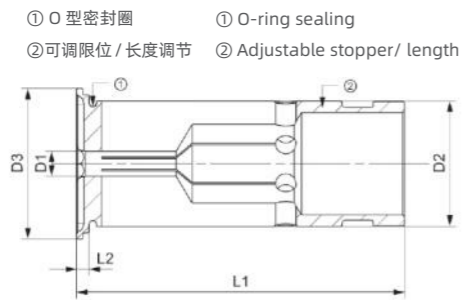
单位 | Unit: mm

订货号 Ordering code	D1	D2	D3	L1	L2	精度等级 Accuracy grade
ISL01200030MIC-AA/AAA	3	12	16.5	47	2	AA/AAA
ISL01200040MIC-AA/AAA	4	12	16.5	47	2	AA/AAA
ISL01200050MIC-AA/AAA	5	12	16.5	47	2	AA/AAA
ISL01200060MIC-AA/AAA	6	12	16.5	47	2	AA/AAA
ISL01200080MIC-AA/AAA	8	12	16.5	47	2	AA/AAA
ISL01200100MIC-AA/AAA	10	12	16.5	47	2	AA/AAA

- 精度等级: 1μm < AA ≤ 3μm; AAA ≤ 1μm
- 如有更高精度需要可支持定制
- 磨刀机刀柄推荐使用 AAA 级

- Accuracy grade: 1μm < AA ≤ 3μm; AAA ≤ 1μm
- Support customization for higher precision
- It is recommended to use AAA grade for the Grinding Machine Chuck

减径套 / ISL20-IC



- 内部冷却
- 端面密封
- 可承受冷却液压力高达 80bar

- Internal cooling
- Closed collar
- Can withstand cooling up to 80bar

> 技术参数 | Technical parameters

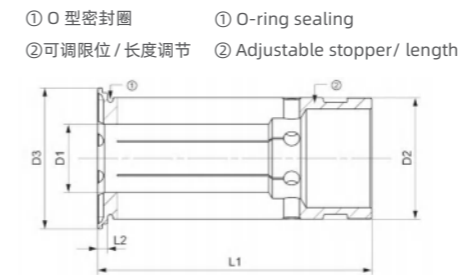
单位 | Unit: mm

订货号 Ordering code	D1	D2	D3	L1	L2	精度等级 Accuracy grade
ISL02000030MIC-AA/AAA	3	20	24	52.5	2	AA/AAA
ISL02000040MIC-AA/AAA	4	20	24	52.5	2	AA/AAA
ISL02000050MIC-AA/AAA	5	20	24	52.5	2	AA/AAA
ISL02000060MIC-AA/AAA	6	20	24	52.5	2	AA/AAA
ISL02000070MIC-AA/AAA	7	20	24	52.5	2	AA/AAA
ISL02000080MIC-AA/AAA	8	20	24	52.5	2	AA/AAA
ISL02000090MIC-AA/AAA	9	20	24	52.5	2	AA/AAA
ISL02000100MIC-AA/AAA	10	20	24	52.5	2	AA/AAA
ISL02000110MIC-AA/AAA	11	20	24	52.5	2	AA/AAA
ISL02000120MIC-AA/AAA	12	20	24	52.5	2	AA/AAA
ISL02000130MIC-AA/AAA	13	20	24	52.5	2	AA/AAA
ISL02000140MIC-AA/AAA	14	20	24	52.5	2	AA/AAA
ISL02000150MIC-AA/AAA	15	20	24	52.5	2	AA/AAA
ISL02000160MIC-AA/AAA	16	20	24	52.5	2	AA/AAA

- 精度等级: $1\mu\text{m} < \text{AA} \leq 3\mu\text{m}$; $\text{AAA} \leq 1\mu\text{m}$
- 如有更高精度需要可支持定制
- 磨刀机刀柄推荐使用 AAA 级

- Accuracy grade: $1\mu\text{m} < \text{AA} \leq 3\mu\text{m}$; $\text{AAA} \leq 1\mu\text{m}$
- Support customization for higher precision
- It is recommended to use AAA grade for the Grinding Machine Chuck

减径套 / ISL25-IC



- 内部冷却
- 端面密封
- 可承受冷却液压力高达 80bar

- Internal cooling
- Closed collar
- Can withstand cooling up to 80bar

> 技术参数 | Technical parameters

单位 | Unit: mm

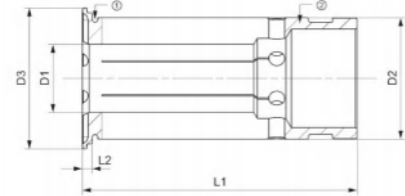
订货号 Ordering code	D1	D2	D3	L1	L2	精度等级 Accuracy grade
ISL02500060MIC-AA/AAA	6	25	29	56.5	2	AA/AAA
ISL02500080MIC-AA/AAA	8	25	29	56.5	2	AA/AAA
ISL02500100MIC-AA/AAA	10	25	29	56.5	2	AA/AAA
ISL02500120MIC-AA/AAA	12	25	29	56.5	2	AA/AAA
ISL02500140MIC-AA/AAA	14	25	29	56.5	2	AA/AAA
ISL02500160MIC-AA/AAA	16	25	29	56.5	2	AA/AAA
ISL02500180MIC-AA/AAA	18	25	29	56.5	2	AA/AAA
ISL02500200MIC-AA/AAA	20	25	29	56.5	2	AA/AAA

- 精度等级: $1\mu\text{m} < \text{AA} \leq 3\mu\text{m}$; $\text{AAA} \leq 1\mu\text{m}$
- 如有更高精度需要可支持定制
- 磨刀机刀柄推荐使用 AAA 级

- Accuracy grade: $1\mu\text{m} < \text{AA} \leq 3\mu\text{m}$; $\text{AAA} \leq 1\mu\text{m}$
- Support customization for higher precision
- It is recommended to use AAA grade for the Grinding Machine Chuck

减径套 / ISL32-IC

- ① O型密封圈 ① O-ring sealing
- ② 可调限位 / 长度调节 ② Adjustable stopper / length



- 内部冷却
- 端面密封
- 可承受冷却液压力高达 80bar

- Internal cooling
- Closed collar
- Can withstand cooling up to 80bar

> 技术参数 | Technical parameters

单位 | Unit: mm

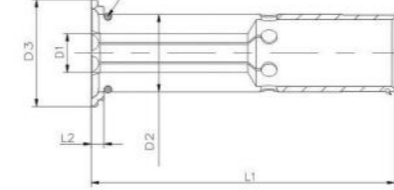
订货号 Ordering code	D1	D2	D3	L1	L2	精度等级 Accuracy grade
ISL03200060MIC-AA/AAA	6	32	35.5	62.5	2	AA/AAA
ISL03200080MIC-AA/AAA	8	32	35.5	62.5	2	AA/AAA
ISL03200100MIC-AA/AAA	10	32	35.5	62.5	2	AA/AAA
ISL03200120MIC-AA/AAA	12	32	35.5	62.5	2	AA/AAA
ISL03200140MIC-AA/AAA	14	32	35.5	62.5	2	AA/AAA
ISL03200160MIC-AA/AAA	16	32	35.5	62.5	2	AA/AAA
ISL03200180MIC-AA/AAA	18	32	35.5	62.5	2	AA/AAA
ISL03200200MIC-AA/AAA	20	32	35.5	62.5	2	AA/AAA
ISL03200250MIC-AA/AAA	25	32	35.5	62.5	2	AA/AAA

- 精度等级: $1\mu\text{m} < \text{AA} \leq 3\mu\text{m}$; $\text{AAA} \leq 1\mu\text{m}$
- 如有更高精度需要可支持定制
- 磨刀机刀柄推荐使用 AAA 级

- Accuracy grade: $1\mu\text{m} < \text{AA} \leq 3\mu\text{m}$; $\text{AAA} \leq 1\mu\text{m}$
- Support customization for higher precision
- It is recommended to use AAA grade for the Grinding Machine Chuck

减径套 / ISL12-PC

- ① O型密封圈 ① O-ring sealing



- 端面冷却
- 端面开槽
- 端面密封
- 无内冷设计

- End-face cooling
- End-face grooving
- End-face sealing
- No internal cooling design

> 技术参数 | Technical parameters

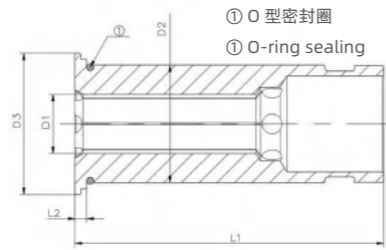
单位 | Unit: mm

订货号 Ordering code	D1	D2	D3	L1	L2	精度等级 Accuracy grade
ISL01200030MPC-AA/AAA	3	12	16.5	47	2	AA/AAA
ISL01200040MPC-AA/AAA	4	12	16.5	47	2	AA/AAA
ISL01200050MPC-AA/AAA	5	12	16.5	47	2	AA/AAA
ISL01200060MPC-AA/AAA	6	12	16.5	47	2	AA/AAA
ISL01200080MPC-AA/AAA	8	12	16.5	47	2	AA/AAA

- 精度等级: $1\mu\text{m} < \text{AA} \leq 3\mu\text{m}$; $\text{AAA} \leq 1\mu\text{m}$
- 如有更高精度需要可支持定制
- 磨刀机刀柄推荐使用 AAA 级

- Accuracy grade: $1\mu\text{m} < \text{AA} \leq 3\mu\text{m}$; $\text{AAA} \leq 1\mu\text{m}$
- Support customization for higher precision
- It is recommended to use AAA grade for the Grinding Machine Chuck

减径套 / ISL20-PC



- 端面冷却
- 端面开槽
- 端面密封
- 无内冷设计

- End-face cooling
- End-face grooving
- End-face sealing
- No internal cooling design

> 技术参数 | Technical parameters

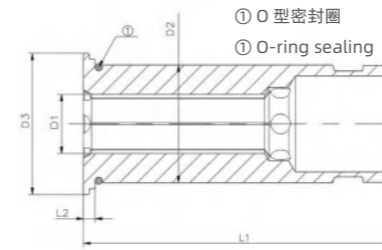
单位 | Unit: mm

订货号 Ordering code	D1	D2	D3	L1	L2	精度等级 Accuracy grade
ISL0200030MPC-AA/AAA	3	20	24	52.5	2	AA/AAA
ISL0200040MPC-AA/AAA	4	20	24	52.5	2	AA/AAA
ISL0200050MPC-AA/AAA	5	20	24	52.5	2	AA/AAA
ISL0200060MPC-AA/AAA	6	20	24	52.5	2	AA/AAA
ISL0200070MPC-AA/AAA	7	20	24	52.5	2	AA/AAA
ISL0200080MPC-AA/AAA	8	20	24	52.5	2	AA/AAA
ISL0200090MPC-AA/AAA	9	20	24	52.5	2	AA/AAA
ISL0200100MPC-AA/AAA	10	20	24	52.5	2	AA/AAA
ISL0200110MPC-AA/AAA	11	20	24	52.5	2	AA/AAA
ISL0200120MPC-AA/AAA	12	20	24	52.5	2	AA/AAA
ISL0200130MPC-AA/AAA	13	20	24	52.5	2	AA/AAA
ISL0200140MPC-AA/AAA	14	20	24	52.5	2	AA/AAA
ISL0200150MPC-AA/AAA	15	20	24	52.5	2	AA/AAA
ISL0200160MPC-AA/AAA	16	20	24	52.5	2	AA/AAA

- 精度等级: $1\mu\text{m} < \text{AA} \leq 3\mu\text{m}$; $\text{AAA} \leq 1\mu\text{m}$
- 如有更高精度需要可支持定制
- 磨刀机刀柄推荐使用 AAA 级

- Accuracy grade: $1\mu\text{m} < \text{AA} \leq 3\mu\text{m}$; $\text{AAA} \leq 1\mu\text{m}$
- Support customization for higher precision
- It is recommended to use AAA grade for the Grinding Machine Chuck

减径套 / ISL32-PC



- 端面冷却
- 端面开槽
- 端面密封
- 无内冷设计

- End-face cooling
- End-face grooving
- End-face sealing
- No internal cooling design

> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	D1	D2	D3	L1	L2	精度等级 Accuracy grade
ISL03200060MPC-AA/AAA	6	32	35.5	62.5	2	AA/AAA
ISL03200080MPC-AA/AAA	8	32	35.5	62.5	2	AA/AAA
ISL03200100MPC-AA/AAA	10	32	35.5	62.5	2	AA/AAA
ISL03200120MPC-AA/AAA	12	32	35.5	62.5	2	AA/AAA
ISL03200140MPC-AA/AAA	14	32	35.5	62.5	2	AA/AAA
ISL03200160MPC-AA/AAA	16	32	35.5	62.5	2	AA/AAA
ISL03200180MPC-AA/AAA	18	32	35.5	62.5	2	AA/AAA
ISL03200200MPC-AA/AAA	20	32	35.5	62.5	2	AA/AAA
ISL03200250MPC-AA/AAA	25	32	35.5	62.5	2	AA/AAA

- 精度等级: $1\mu\text{m} < \text{AA} \leq 3\mu\text{m}$; $\text{AAA} \leq 1\mu\text{m}$
- 如有更高精度需要可支持定制
- 磨刀机刀柄推荐使用 AAA 级

- Accuracy grade: $1\mu\text{m} < \text{AA} \leq 3\mu\text{m}$; $\text{AAA} \leq 1\mu\text{m}$
- Support customization for higher precision
- It is recommended to use AAA grade for the Grinding Machine Chuck

攻丝刀柄
TAPPING CHUCKS



02

自助补偿，丝锥寿命提高一倍
Self-compensation, doubling the tool life

01

夹持方便，效率提高一倍
Easy clamping, doubling efficiency

03

降低了机床精度的要求
Reduces machine tool precision requirements

同步攻丝液压刀柄命名方式

Synchro Tapping Chucks Naming And Coding

BTAP	HSK63	A	HY	20	155	M
01	02	03	04	05	06	07

01 产品类型 Type	
BTAP	百斯图 TAP 丝锥专用 Special for SofTool tap

02 接口类型 Coupling type	
BT40	JIS B6339
HSK63	DIN 69893
PSC63	ISO/DIN26623

03 夹持孔直径 Diameter	
A	自动换刀中心冷却孔 Automatic change tool with center cooling hole

04 刀柄类型 Chuck Type	
HY	液压刀柄 Hydraulic Chuck
ER	筒夹刀柄 Tapping Chucks

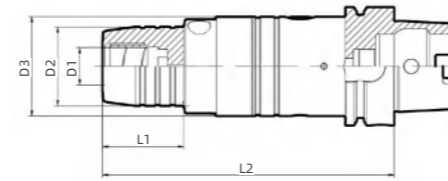
05 内径 Hole diameter	
12	12mm
20	20mm

06 长度 Length	
155	155mm
170	170mm

07 制式 Format	
M	公制尺寸 Metric size

同步攻丝液压刀柄

Synchro Tapping Chucks



- D12 内孔刀柄可以使用 M3-M12 丝锥
- D20 内孔刀柄可以使用 M8-M20 丝锥
- 刀具跳动装配后配合跳动 $\leq 0.015\text{mm}$

- D12 for Tap M3-M12
- D20 for Tap M8-M20
- The Tap runout is smaller than 0.015mm

技术参数 | Technical parameters

单位 | Unit: mm

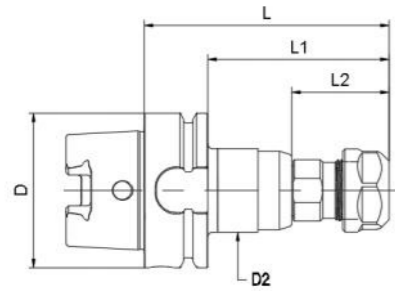
订货号 Ordering code	D1	D2	D3	L1	L2	水嘴 Nozzle	重量 m (kg)
BTAPBT40AHY12155M	12	32	52.8	42	155	-	2.54
BTAPBT40AHY12170M	12	32	52.8	57	170	-	2.63
BTAPBT40AHY20155M	20	42	52.8	43	155	-	2.67
BTAPBT40AHY20170M	20	42	52.8	58	170	-	2.83
BTAPPSC63AHY12155M	12	32	52.8	42	155	-	2.39
BTAPPSC63AHY12170M	12	32	52.8	57	170	-	2.49
BTAPPSC63AHY20155M	20	42	52.8	43	155	-	2.52
BTAPPSC63AHY20170M	20	42	52.8	58	170	-	2.68
BTAPHSK63AHY12155M	12	32	52.8	42	155	M18*1	2.21
BTAPHSK63AHY12170M	12	32	52.8	57	170	M18*1	2.31
BTAPHSK63AHY20155M	20	42	52.8	43	155	M18*1	2.34
BTAPHSK63AHY20170M	20	42	52.8	58	170	M18*1	2.49

- 如需单独订购水嘴，请参照 83 页
- 拉钉选配详见通用刀柄 P152-165

- Nozzle need to be ordered seperately, please refer to P83
- Pull Stud choose, see the sample book of General Tool Handle P152-165

ER 同步攻丝刀柄

ER Synchro Tapping Chucks **NEW!**



> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code		L	L1	L2	D	D2
BTAPBT30AER20095M	±0.15	95	73	40	46	34
BTAPBT40AER20100M	±0.15	100	74	40	63	34
BTAPBT50AER20110M	±0.15	110	72	40	100	34
BTAPHSK40AER20095M	±0.15	95	75	40	40	34
BTAPHSK50AER20100M	±0.15	100	74	40	50	34
BTAPHSK63AER20100M	±0.15	100	74	40	63	34
BTAPHSK63AER20160M	±0.15	160	134	40	63	34
BTAPHSK80AER20100M	±0.15	100	74	40	80	34
BTAPHSK100AER20105M	±0.15	105	76	40	100	34
BTAPBT30AER32110M	±0.15	110	88.2	41.1	46	50
BTAPBT40AER32110M	±0.15	110	83	41.1	63	50
BTAPBT50AER32120M	±0.15	120	82	41.1	100	50
BTAPHSK50AER32125M	±0.15	125.2	99.3	41.1	50	50
BTAPHSK63AER32110M	±0.15	110	84	41.1	63	50
BTAPHSK80AER32115M	±0.15	115	89	41.1	80	50

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ER 同步攻丝刀柄

ER Synchro Tapping Chucks **NEW!**

> 技术参数 | Technical parameters

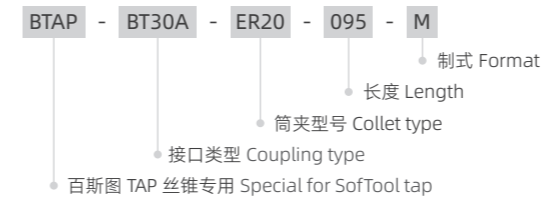
单位 | Unit: mm

订货号 Ordering code		L	L1	L2	D	D2
BTAPHSK100AER32115M	±0.15	115	86	41.1	100	50
BTAPBT50AER40150M	±0.8	150	112	51	100	63
BTAPHSK63AER40153M	±0.8	153	127	51	63	63
BTAPHSK80AER40140M	±0.8	140	114	51	80	63
BTAPHSK100AER40140M	±0.8	140	111	51	100	63
BTAPHSK100AER50200M	±2	200	171	69	100	100

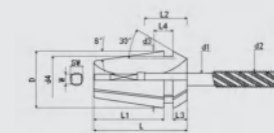
- 如需单独订购水嘴，请参照 83 页
- 拉钉选配详见通用刀柄 P152-165

- Nozzle need to be ordered separately, please refer to P83
- Pull Stud choose, see the sample book of General Tool Handle P152-165

> 命名方式 | Naming And Coding Rules



筒夹 | Collet



型号 Model	D	D3	D4	L	L1	L3	L4
ER20	21	20	17.4	31.5	23.9	4.8	6.36
ER32	33	32	29.2	40	31.8	5.5	7.16
ER40	42	40	36.2	46	35.5	7	7.66
ER50	52	50	46	60	46	8.5	12.6

- 筒夹选配详见通用刀柄 P130-140

- Collet choose, see the sample book of General Tool Handle P130-140

同步攻丝液压刀柄减径套命名方式

Synchro Tapping Chucks Reduction Bushes Naming And Coding Rules

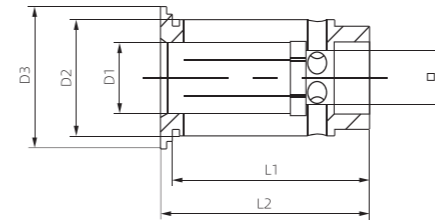


01 产品名称 Product Name		02 夹持外径 Holder diameter		03 夹持内径 Clamping diameter	
ISL	减径套 Reduction Bushes	120	D12	0028	D2.8
		200	D20	0030	D3
				0040	D4
				0050	D5

04 制式 Format		05 类型 Type		06 标准 Standard	
M	公制 Metric	IT	TAP 丝锥专用 Special for tap	D	DIN
				J	JIS
					DIN/JIS 通用

同步攻丝液压刀柄减径套

Synchro Tapping Chucks Reduction Bushes



> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	D1	D2	D3	□	L1	L2
ISL01200028MITD	2.8	12	16.5	2.1	29	31
ISL01200035MITD	3.5	12	16.5	2.7	29	31
ISL01200040MITJ	4	12	16.5	3.2	29	31
ISL01200045MITD	4.5	12	16.5	3.4	29	31
ISL01200050MITJ	5	12	16.5	4	29	31
ISL01200055MITJ	5.5	12	16.5	4.5	29	31
ISL01200060MITJ	6	12	16.5	4.5	29	31
ISL01200060MITD	6	12	16.5	4.9	29	31
ISL01200062MITJ	6.2	12	16.5	5	29	31
ISL01200070MIT	7	12	16.5	5.5	29	31
ISL01200080MITD	8	12	16.5	6.2	29	31
ISL01200080MITJ	8	12	16.5	6.5	29	31
ISL01200085MITJ	8.5	12	16.5	6.5	29	31
ISL01200090MITD	9	12	16.5	7	29	31
ISL01200100MITD	10	12	16.5	8	29	31
ISL02000060MITJ	6	20	24	4.5	34	36
ISL02000060MITD	6	20	24	4.9	34	36
ISL02000062MITJ	6.2	20	24	5	34	36
ISL02000070MIT	7	20	24	5.5	34	36
ISL02000080MITD	8	20	24	6.2	34	36

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同步攻丝液压力柄减径套

Synchro Tapping Chucks Reduction Bushes

技术参数 | Technical parameters

单位 | Unit: mm

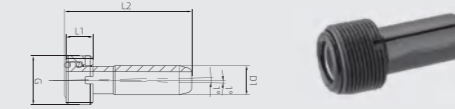
订货号 Ordering code	D1	D2	D3	□	L1	L2
ISL02000080MITJ	8	20	24	6.5	34	36
ISL02000085MITJ	8.5	20	24	6.5	34	36
ISL02000090MITD	9	20	24	7	34	36
ISL02000100MITD	10	20	24	8	34	36
ISL02000105MITJ	10.5	20	24	8	34	36
ISL02000110MITD	11	20	24	9	34	36
ISL02000120MITD	12	20	24	9	34	36
ISL02000125MITJ	12.5	20	24	10	34	36
ISL02000130MITJ	13	20	24	10	34	36
ISL02000140MIT	14	20	24	11	34	36
ISL02000150MITJ	15	20	24	12	34	36
ISL02000160MITD	16	20	24	12	34	36

配件清单

List of Parts

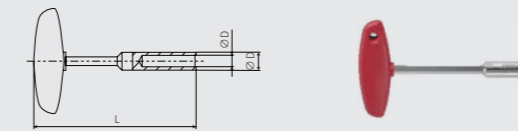
水嘴 | Nozzle

为 HSK 刀柄提供最佳的内部冷却液供给 | Provide optimal internal coolant supply for HSK chucks



订货号 Ordering code	适用 Apply	D1	L1	L2	G
731300560049	HSK25	6	4.5	24	M8*1
731300560051	HSK32	6	5.5	26	M10*1
731300560052	HSK40	8	7.5	29	M12*1
731300560053	HSK50	10	9.5	33	M16*1
731300560054	HSK63	12	11.5	36.5	M18*1
731300560055	HSK80	14	13.5	38.5	M20*1.5
731300560056	HSK100	16	15	43.5	M24*1.5

水嘴扳手 | Nozzle Key



订货号 Ordering code	适用 Apply	D	D2	L
720309000216	HSK25	5	7	105
720309000217	HSK32	6	9	107
731300560038	HSK40	8	11	111
731300560039	HSK50	10	15	120
731300560046	HSK63	12	17	122
731300560047	HSK80	14	18.5	126
731300560048	HSK100	16	22	141

配件清单
List of Parts

过水顶丝 | Back up screw

装刀长度调节顶丝，带通孔 | Length-adjusting screw with through hole



订货号 Ordering code	适用 Apply	G
730101061406	D6	M5
730101061416	D8	M6
730101061417	D10	M8X1
730101061412	D12	M8X1
730101060074	D14	M10X1
730101061411	D16,D18	M12X1
730101060057	D20	M12X1
730101061405	D25,D32	M16X1

锁紧顶丝 | Locking screw

对柱塞进行施压；固定的扭矩以达到合理的压力 | Apply pressure to the plunger; Fixed torque for reasonable pressure.

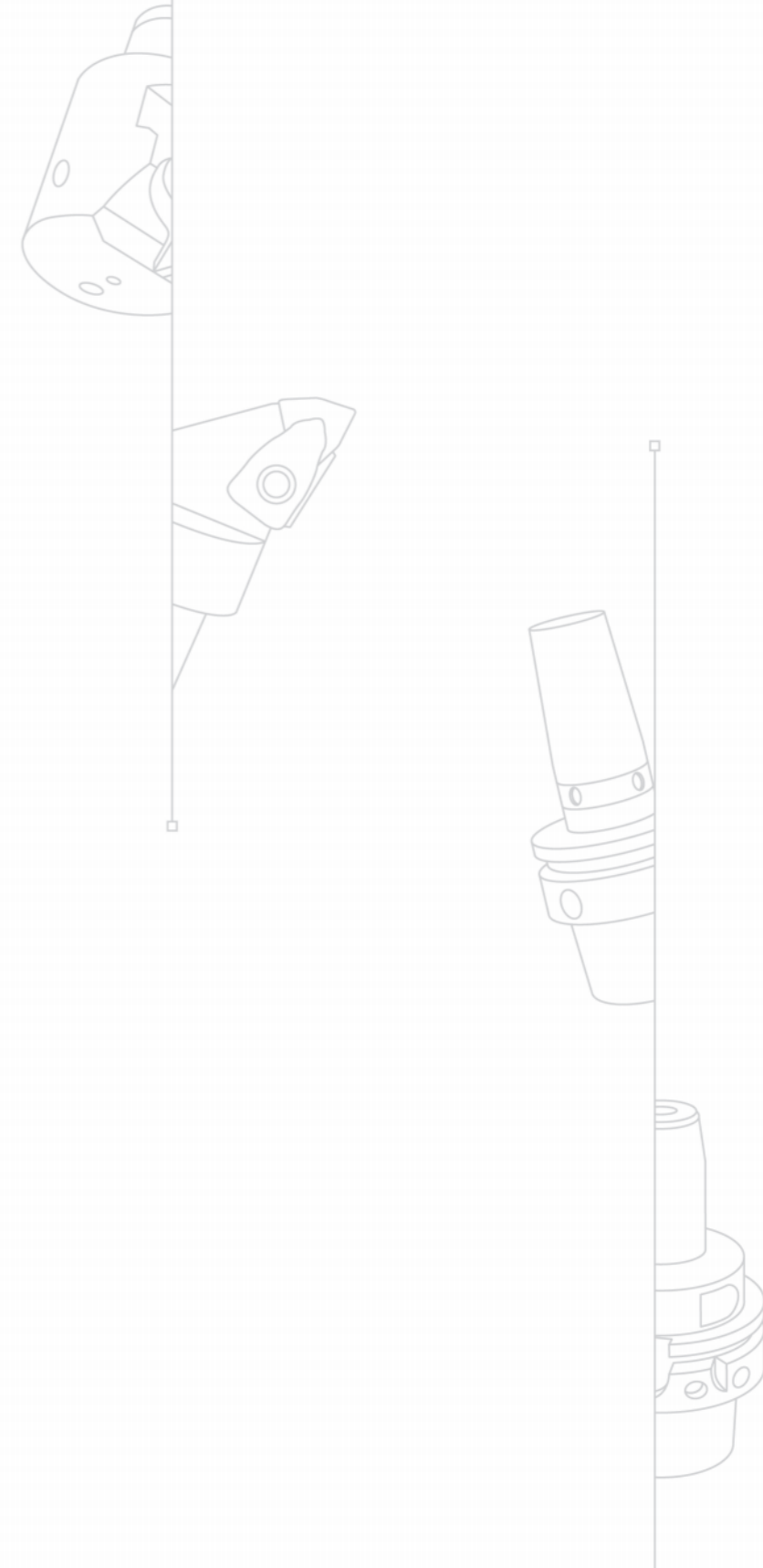


订货号 Ordering code	G
730101060101	M8*10
730101062023	M10*10
730101067007	M10*12
730101060320	N12*14

T 型扳手 | T-type key



扳手 key	订货号 Ordering code	名称 Name
SW4	720301261020	T 柄内六角扳手 4.0X100mm Allen key with T handle 4.0X100mm
SW5	720301261825	T 型内六角扳手 D5*100 Allen key with T handle D5*100
SW6	720301261826	T 型内六角扳手 D6*100 Allen key with T handle D6*100



热装刀柄

SHRINK-FIT CHUCK

· 是刀具 更是艺术 ·
TOOLING ALSO ARTS



热装刀柄目录 Shrink-fit Chuck Contents

N 命名方式

Naming And Coding Rules

090

G 通用型热装刀柄

General Purpose

092-121

通用型 BT30A	GP BT30A	094
通用型 BT40A	GP BT40A	096
通用型 BT50A	GP BT50A	098
通用型 HSK32A	GP HSK32A	100
通用型 HSK32E	GP HSK32E	101
通用型 HSK40A	GP HSK40A	102
通用型 HSK40E	GP HSK40E	104
通用型 HSK50A	GP HSK50A	105
通用型 HSK50E	GP HSK50E	107
通用型 HSK63A	GP HSK63A	108
通用型 HSK80A	GP HSK80A	110
通用型 HSK100A	GP HSK100A	112
通用型 SK30A	GP SK30A	114
通用型 SK40A	GP SK40A	115
通用型 SK50A	GP SK50A	117
通用型 PSC63A	GP PSC63A	119

G 通用型端面出水热装刀柄

General Purpose & Cool Jet

122-149

通用型端面出水 BT30A	GC BT30A	124
通用型端面出水 BT40A	GC BT40A	125
通用型端面出水 BT50A	GC BT50A	127
通用型端面出水 HSK32A	GC HSK32A	129
通用型端面出水 HSK32E	GC HSK32E	130
通用型端面出水 HSK40A	GC HSK40A	131
通用型端面出水 HSK40E	GC HSK40E	132
通用型端面出水 HSK50A	GC HSK50A	133
通用型端面出水 HSK50E	GC HSK50E	135
通用型端面出水 HSK63A	GC HSK63A	136

通用型端面出水 HSK80A	GC HSK80A	138
通用型端面出水 HSK100A	GC HSK100A	140
通用型端面出水 SK30A	GC SK30A	142
通用型端面出水 SK40A	GC SK40A	143
通用型端面出水 SK50A	GC SK50A	145
通用型端面出水 PSC63A	GC PSC63A	147

G 通用型安全锁热装刀柄

General Purpose & Safe Lock

150-155

通用型安全锁 BT40A	SC BT40A	152
通用型安全锁 HSK63A	SC HSK63A	153
通用型安全锁 SK40A	SC SK40A	154

M 模具型热装刀柄

Die & Mold

156-163

模具型 HSK32E	DM HSK32E	158
模具型 HSK40E	DM HSK40E	159
模具型 HSK50E	DM HSK50E	161
模具型 HSK63A	DM HSK63A	162
模具型 SK40A	DM SK40A	163

S 热装机

Shrink Fit

164-167

热装延长杆	Shrink Fit Extension	164
热装机命名方式	Shrink Fit Naming And Coding Rules	165
热装机	Shrink Fit	166
NEW! 热装机冷却系统	Cooling System	167

NEW! MQL 微润滑刀柄

MQL Micro-Lubricated Tool Holders

168

命名方式 Naming And Coding Rules

BGP	BT40	A	ST	04	090	M
01	02	03	04	05	06	07

01 产品类型 Type	
BGP	通用型 General Purpose
BGC	通用型端面出水 General Purpose & Cool Jet
BSC	通用型安全锁 General Purpose & Safe Lock
BDM	模具型 Die & Mold

02 接口规格 Coupling Type			
BT	30	HSK	32
	40		40
	50		50
SK	30		63
	40		80
	50		100
		PSC	63

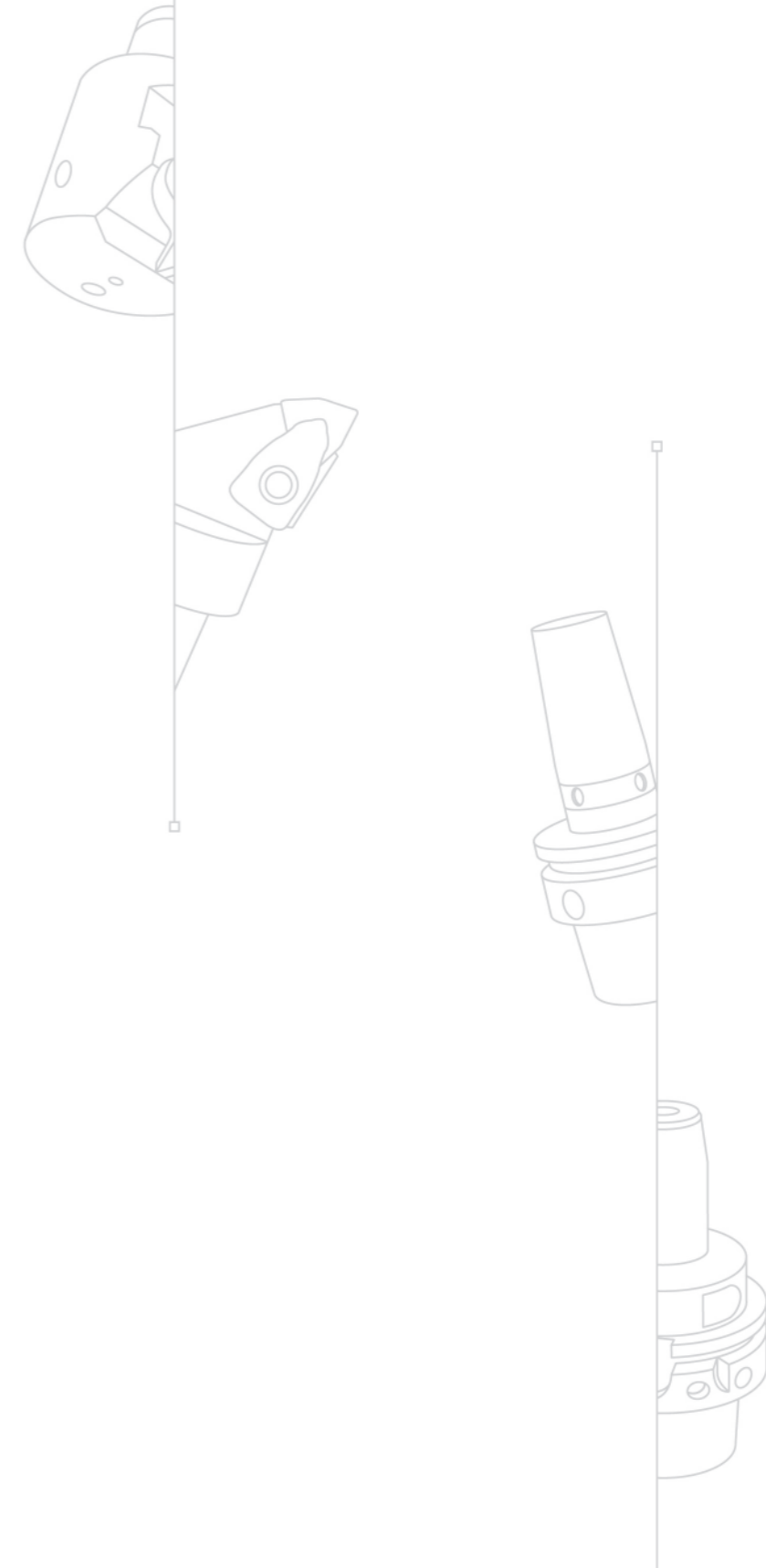
03 法兰类型 Flange Type	
A	自动换刀中心冷却孔 Automatic change tool with center cooling hole
E	自动换刀不带定位键 Automatic change tool without positioning slot

04 刀柄类型 Chuck Type	
HY	液压刀柄 Hydraulic Chuck
ST	热装刀柄 Shrink-fit Chuck

05 夹持孔直径 Diameter	
3	3mm
4	4mm
6	6mm
8	8mm
10	10mm
12	12mm
14	14mm
16	16mm
18	18mm
20	20mm
25	25mm
32	32mm

06 有效长度 Length			
60	60mm	100	100mm
65	65mm	105	105mm
70	70mm	115	115mm
80	80mm	120	120mm
85	85mm	130	130mm
90	90mm	160	160mm
95	95mm	200	200mm

07 制式 Format	
M	公制 Metric
I	英制 Inch



通用型热装刀柄
GENERAL PURPOSE



01

热装刀柄自带螺纹平衡孔，可直接装配平衡螺钉进行动平衡调整

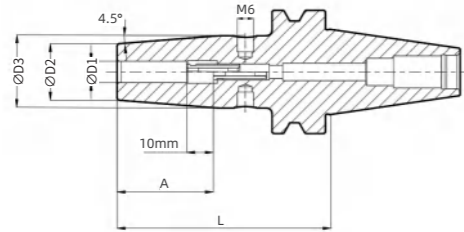
The shrink-fit chuck has a thread balance hole, which can be directly assembled with a balance screw for dynamic balance adjustment

02

适用于钻削、铰削、镗削及铣削等切削加工

For drilling, reaming, boring, milling, and other cutting machining

通用型 /GP BT30A JIS B6339



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
BT30A	BGPBT30AST03060M ¹	3	10	-	60	9.5	-	0.42
BT30A	BGPBT30AST03080M ¹	3	10	-	80	9.5	-	0.45
BT30A	BGPBT30AST04060M ¹	4	10	-	60	12	-	0.42
BT30A	BGPBT30AST04080M ¹	4	10	-	80	12	-	0.45
BT30A	BGPBT30AST06060M ²	6	23	-	60	36	M5	0.51
BT30A	BGPBT30AST06080M	6	21	27	80	36	M5	0.59
BT30A	BGPBT30AST08060M ²	8	23	-	60	36	M6	0.49
BT30A	BGPBT30AST08080M	8	21	27	80	36	M6	0.57
BT30A	BGPBT30AST10060M ²	10	27	-	60	42	M8	0.52
BT30A	BGPBT30AST10080M ²	10	24	32	80	42	M8	0.63
BT30A	BGPBT30AST12060M ²	12	27	-	60	47	M8	0.50
BT30A	BGPBT30AST12080M ²	12	24	32	80	47	M8	0.61
BT30A	BGPBT30AST14065M ²	14	30	-	65	47	M10	0.56

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通用型 /GP BT30A JIS B6339

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
BT30A	BGPBT30AST14080M	14	27	34	80	47	M10	0.66
BT30A	BGPBT30AST16065M ²	16	30	-	65	50	M12	0.54
BT30A	BGPBT30AST16080M	16	27	34	80	50	M12	0.64
BT30A	BGPBT30AST18070M ²	18	35.5	40.5	70	50	M12	0.66
BT30A	BGPBT30AST18090M	18	33	40.5	90	50	M12	0.86
BT30A	BGPBT30AST20070M ²	20	35.5	40.5	70	52	M12	0.64
BT30A	BGPBT30AST20090M	20	33	40.5	90	52	M12	0.84

¹ 无过水顶丝, 无动平衡螺钉孔, 只适用于硬质合金刀具, A 尺寸为最小夹持深度

² 无动平衡螺钉孔

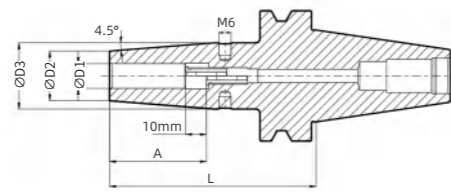
- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without back up screw, without balance screw holes, suitable solid carbide tools, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request

通用型 /GP BT40A JIS B6339



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
BT40A	BGPBT40AST03090M ¹	3	10	-	90	9.5	-	1.06
BT40A	BGPBT40AST03120M ¹	3	10	-	120	9.5	-	1.15
BT40A	BGPBT40AST03130M ¹	3	10	-	130	9.5	-	1.19
BT40A	BGPBT40AST04090M ¹	4	10	-	90	12	-	1.06
BT40A	BGPBT40AST04120M ¹	4	10	-	120	12	-	1.14
BT40A	BGPBT40AST04130M ¹	4	10	-	130	12	-	1.18
BT40A	BGPBT40AST06090M	6	21	27	90	36	M5	1.20
BT40A	BGPBT40AST06120M	6	21	27	120	36	M5	1.34
BT40A	BGPBT40AST06130M	6	21	27	130	36	M5	1.38
BT40A	BGPBT40AST06160M	6	21	27	160	36	M5	1.60
BT40A	BGPBT40AST06200M	6	21	27	200	36	M5	1.76
BT40A	BGPBT40AST08090M	8	21	27	90	36	M6	1.18
BT40A	BGPBT40AST08120M	8	21	27	120	36	M6	1.32
BT40A	BGPBT40AST08130M	8	21	27	130	36	M6	1.36
BT40A	BGPBT40AST08160M	8	21	27	160	36	M6	1.58
BT40A	BGPBT40AST08200M	8	21	27	200	36	M6	1.74
BT40A	BGPBT40AST10090M	10	24	32	90	42	M8	1.25
BT40A	BGPBT40AST10120M	10	24	32	120	42	M8	1.45
BT40A	BGPBT40AST10130M	10	24	32	130	42	M8	1.51
BT40A	BGPBT40AST10160M	10	24	32	160	42	M8	1.74
BT40A	BGPBT40AST10200M	10	24	32	200	42	M8	1.98
BT40A	BGPBT40AST12090M	12	24	32	90	47	M8	1.23

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通用型 /GP BT40A JIS B6339

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
BT40A	BGPBT40AST12120M	12	24	32	120	47	M8	1.43
BT40A	BGPBT40AST12130M	12	24	32	130	47	M8	1.49
BT40A	BGPBT40AST12160M	12	24	32	160	47	M8	1.72
BT40A	BGPBT40AST12200M	12	24	32	200	47	M8	1.97
BT40A	BGPBT40AST14090M	14	27	34	90	47	M10	1.28
BT40A	BGPBT40AST14120M	14	27	34	120	47	M10	1.50
BT40A	BGPBT40AST14130M	14	27	34	130	47	M10	1.57
BT40A	BGPBT40AST14160M	14	27	34	160	47	M10	1.83
BT40A	BGPBT40AST14200M	14	27	34	200	47	M10	2.10
BT40A	BGPBT40AST16090M	16	27	34	90	50	M12	1.26
BT40A	BGPBT40AST16120M	16	27	34	120	50	M12	1.48
BT40A	BGPBT40AST16130M	16	27	34	130	50	M12	1.55
BT40A	BGPBT40AST16160M	16	27	34	160	50	M12	1.81
BT40A	BGPBT40AST16200M	16	27	34	200	50	M12	2.09
BT40A	BGPBT40AST18090M	18	33	42	90	50	M12	1.40
BT40A	BGPBT40AST18120M	18	33	42	120	50	M12	1.72
BT40A	BGPBT40AST18130M	18	33	42	130	50	M12	1.83
BT40A	BGPBT40AST18160M	18	33	42	160	50	M12	2.15
BT40A	BGPBT40AST18200M	18	33	42	200	50	M12	2.57
BT40A	BGPBT40AST20090M	20	33	42	90	52	M12	1.38
BT40A	BGPBT40AST20120M	20	33	42	120	52	M12	1.70
BT40A	BGPBT40AST20130M	20	33	42	130	52	M12	1.81
BT40A	BGPBT40AST20160M	20	33	42	160	52	M12	2.13
BT40A	BGPBT40AST20200M	20	33	42	200	52	M12	2.55
BT40A	BGPBT40AST25100M	25	44	53	100	58	M16	1.80
BT40A	BGPBT40AST25120M	25	44	53	120	58	M16	2.14
BT40A	BGPBT40AST25130M	25	44	53	130	58	M16	2.31
BT40A	BGPBT40AST25160M	25	44	53	160	58	M16	2.81
BT40A	BGPBT40AST25200M	25	44	53	200	58	M16	3.49
BT40A	BGPBT40AST32100M	32	44	53	100	58	M16	1.65
BT40A	BGPBT40AST32120M	32	44	53	120	58	M16	1.99

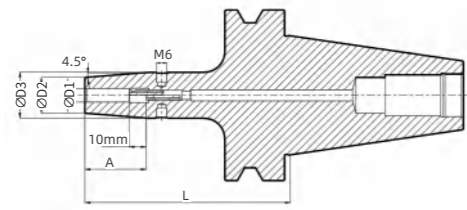
¹ 无过水顶丝, 无动平衡螺钉孔, 只适用于硬质合金刀具, A 尺寸为最小夹持深度

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without back up screw, without balance screw holes, suitable solid carbide tools, A is the minimum clamping depth

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request

通用型 /GP BT50A JIS B6339



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
BT50A	BGPBT50AST06100M	6	21	27	100	36	M5	3.85
BT50A	BGPBT50AST06120M	6	21	27	120	36	M5	3.96
BT50A	BGPBT50AST06130M	6	21	27	130	36	M5	4
BT50A	BGPBT50AST06160M	6	21	27	160	36	M5	4.31
BT50A	BGPBT50AST06200M	6	21	27	200	36	M5	4.48
BT50A	BGPBT50AST08100M	8	21	27	100	36	M6	3.84
BT50A	BGPBT50AST08120M	8	21	27	120	36	M6	3.95
BT50A	BGPBT50AST08130M	8	21	27	130	36	M6	4.00
BT50A	BGPBT50AST08160M	8	21	27	160	36	M6	4.3
BT50A	BGPBT50AST08200M	8	21	27	200	36	M6	4.47
BT50A	BGPBT50AST10100M	10	24	32	100	42	M8	3.91
BT50A	BGPBT50AST10120M	10	24	32	120	42	M8	4.06
BT50A	BGPBT50AST10130M	10	24	32	130	42	M8	4.13
BT50A	BGPBT50AST10160M	10	24	32	160	42	M8	4.4
BT50A	BGPBT50AST10200M	10	24	32	200	42	M8	4.64
BT50A	BGPBT50AST12100M	12	24	32	100	47	M8	3.89
BT50A	BGPBT50AST12120M	12	24	32	120	47	M8	4.04
BT50A	BGPBT50AST12130M	12	24	32	130	47	M8	4.11
BT50A	BGPBT50AST12160M	12	24	32	160	47	M8	4.38
BT50A	BGPBT50AST12200M	12	24	32	200	47	M8	4.63

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通用型 /GP BT50A JIS B6339

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
BT50A	BGPBT50AST14100M	14	27	34	100	47	M10	3.93
BT50A	BGPBT50AST14120M	14	27	34	120	47	M10	4.1
BT50A	BGPBT50AST14130M	14	27	34	130	47	M10	4.15
BT50A	BGPBT50AST14160M	14	27	34	160	47	M10	4.48
BT50A	BGPBT50AST14200M	14	27	34	200	47	M10	4.76
BT50A	BGPBT50AST16100M	16	27	34	100	50	M12	3.91
BT50A	BGPBT50AST16120M	16	27	34	120	50	M12	4.06
BT50A	BGPBT50AST16130M	16	27	34	130	50	M12	4.13
BT50A	BGPBT50AST16160M	16	27	34	160	50	M12	4.45
BT50A	BGPBT50AST16200M	16	27	34	200	50	M12	4.73
BT50A	BGPBT50AST18100M ¹	18	33	42	100	50	M12	4.05
BT50A	BGPBT50AST18120M	18	33	42	120	50	M12	4.3
BT50A	BGPBT50AST18130M	18	33	42	130	50	M12	4.4
BT50A	BGPBT50AST18160M	18	33	42	160	50	M12	4.52
BT50A	BGPBT50AST18200M	18	33	42	200	50	M12	5.26
BT50A	BGPBT50AST20100M ¹	20	33	42	100	52	M12	4.02
BT50A	BGPBT50AST20120M	20	33	42	120	52	M12	4.27
BT50A	BGPBT50AST20130M	20	33	42	130	52	M12	4.37
BT50A	BGPBT50AST20160M	20	33	42	160	52	M12	4.81
BT50A	BGPBT50AST20200M	20	33	42	200	52	M12	5.23
BT50A	BGPBT50AST25100M ¹	25	44	53	100	58	M16	4.27
BT50A	BGPBT50AST25120M	25	44	53	120	58	M16	4.65
BT50A	BGPBT50AST25130M	25	44	53	130	58	M16	4.82
BT50A	BGPBT50AST25160M	25	44	53	160	58	M16	5.43
BT50A	BGPBT50AST25200M	25	44	53	200	58	M16	6.11
BT50A	BGPBT50AST32100M ¹	32	44	53	100	58	M16	4.13
BT50A	BGPBT50AST32120M	32	44	53	120	58	M16	4.5
BT50A	BGPBT50AST32130M	32	44	53	130	58	M16	4.67
BT50A	BGPBT50AST32160M	32	44	53	160	58	M16	5.28
BT50A	BGPBT50AST32200M	32	44	53	200	58	M16	5.96

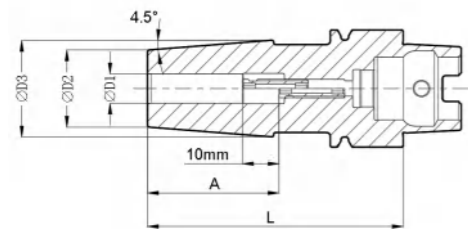
¹ 无动平衡螺钉孔

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request

通用型 /GP HSK32A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK32A	BGPHSK32AST03060M ¹	3	10	-	60	9.5	-	0.15	M10*1
HSK32A	BGPHSK32AST04060M ¹	4	10	-	60	12	-	0.15	M10*1
HSK32A	BGPHSK32AST06070M ²	6	21	27	70	36	M5	0.29	M10*1
HSK32A	BGPHSK32AST08070M ²	8	21	27	70	36	M5	0.28	M10*1
HSK32A	BGPHSK32AST10080M ²	10	24	32	80	42	M8	0.29	M10*1

¹ 无过水顶丝, 无动平衡螺钉孔, 只适用于硬质合金刀具, A 尺寸为最小夹持深度

² 无动平衡螺钉孔

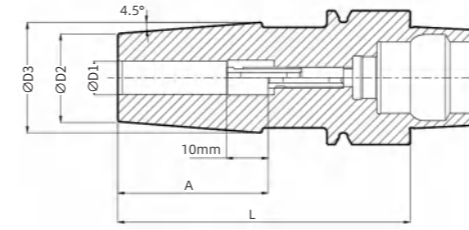
- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

¹ Without back up screw, without balance screw holes, suitable solid carbide tools, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK32E DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK32E	BGPHSK32EST03060M ¹	3	10	-	60	9.5	-	0.15	M10*1
HSK32E	BGPHSK32EST04060M ¹	4	10	-	60	12	-	0.15	M10*1
HSK32E	BGPHSK32EST06070M ²	6	21	27	70	36	M5	0.29	M10*1
HSK32E	BGPHSK32EST08070M ²	8	21	27	70	36	M5	0.29	M10*1
HSK32E	BGPHSK32EST10080M ²	10	24	32	80	42	M8	0.35	M10*1

¹ 无过水顶丝, 无动平衡螺钉孔, 只适用于硬质合金刀具, A 尺寸为最小夹持深度

² 无动平衡螺钉孔

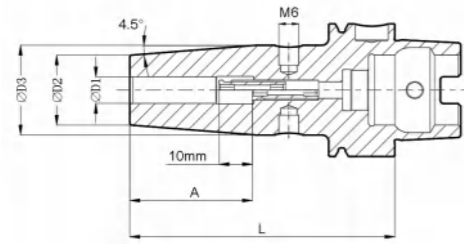
- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

¹ Without back up screw, without balance screw holes, suitable solid carbide tools, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK40A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK40A	BGPHSK40AST03060M ¹	3	10	-	60	9.5	-	0.26	M12*1
HSK40A	BGPHSK40AST03120M ¹	3	10	-	120	9.5	-	0.38	M12*1
HSK40A	BGPHSK40AST03130M ¹	3	10	-	130	9.5	-	0.42	M12*1
HSK40A	BGPHSK40AST04060M ¹	4	10	-	60	12	-	0.26	M12*1
HSK40A	BGPHSK40AST04120M ¹	4	10	-	120	12	-	0.38	M12*1
HSK40A	BGPHSK40AST04130M ¹	4	10	-	130	12	-	0.42	M12*1
HSK40A	BGPHSK40AST06080M	6	21	27	80	36	M5	0.40	M12*1
HSK40A	BGPHSK40AST06120M	6	21	27	120	36	M5	0.57	M12*1
HSK40A	BGPHSK40AST06130M	6	21	27	130	36	M5	0.62	M12*1
HSK40A	BGPHSK40AST08080M	8	21	27	80	36	M6	0.39	M12*1

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通用型 /GP HSK40A DIN 69893

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK40A	BGPHSK40AST08120M	8	21	27	120	36	M6	0.56	M12*1
HSK40A	BGPHSK40AST08130M	8	21	27	130	36	M6	0.61	M12*1
HSK40A	BGPHSK40AST10080M ²	10	24	32	80	42	M8	0.45	M12*1
HSK40A	BGPHSK40AST10120M	10	24	32	120	42	M8	0.69	M12*1
HSK40A	BGPHSK40AST10130M	10	24	32	130	42	M8	0.76	M12*1
HSK40A	BGPHSK40AST12090M	12	24	32	90	47	M8	0.43	M12*1
HSK40A	BGPHSK40AST12120M	12	24	32	120	47	M8	0.67	M12*1
HSK40A	BGPHSK40AST12130M	12	24	32	130	47	M8	0.74	M12*1
HSK40A	BGPHSK40AST14090M	14	27	34	90	47	M10	0.54	M12*1
HSK40A	BGPHSK40AST16090M	16	27	34	90	50	M12	0.52	M12*1

¹ 无过水顶丝, 无动平衡螺钉孔, 只适用于硬质合金刀具, A 尺寸为最小夹持深度

² 无动平衡螺钉孔

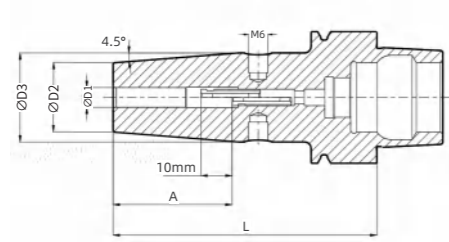
- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

¹ Without back up screw, without balance screw holes, suitable solid carbide tools, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK40E DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK40E	BGPHSK40EST03060M ¹	3	10	-	60	9.5	-	0.24	M12*1
HSK40E	BGPHSK40EST04060M ¹	4	10	-	60	12	-	0.24	M12*1
HSK40E	BGPHSK40EST06060M ³	6	22.5	28.7	60	36	-	0.33	M12*1
HSK40E	BGPHSK40EST06080M	6	21	27	80	36	M5	0.42	M12*1
HSK40E	BGPHSK40EST08060M ³	8	22.5	28.7	60	36	-	0.33	M12*1
HSK40E	BGPHSK40EST08080M	8	21	27	80	36	M6	0.41	M12*1
HSK40E	BGPHSK40EST10060M ³	10	26.5	32	60	42	-	0.35	M12*1
HSK40E	BGPHSK40EST10080M ²	10	24	32	80	42	M8	0.46	M12*1
HSK40E	BGPHSK40EST12065M ³	12	26.5	32	65	47	-	0.34	M12*1
HSK40E	BGPHSK40EST12090M	12	24	32	90	47	M8	0.45	M12*1
HSK40E	BGPHSK40EST14070M ³	14	30	33	70	47	-	0.37	M12*1
HSK40E	BGPHSK40EST14090M	14	27	34	90	47	M10	0.49	M12*1
HSK40E	BGPHSK40EST16070M ³	16	30	33	70	50	-	0.35	M12*1
HSK40E	BGPHSK40EST16090M	16	27	34	90	50	M12	0.47	M12*1

¹ 无过水顶丝, 无动平衡螺钉孔, 只适用于硬质合金刀具, A 尺寸为最小夹持深度

² 无动平衡螺钉孔

³ 无过水顶丝, 无动平衡螺钉孔

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

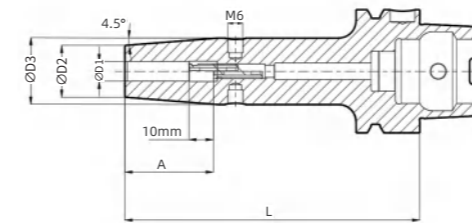
¹ Without back up screw, without balance screw holes, suitable solid carbide tools, A is the minimum clamping depth

² Without balance screw holes

³ Without back up screw, without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK50A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK50A	BGPHSK50AST03060M ¹	3	10	-	60	9.5	-	0.41	M16*1
HSK50A	BGPHSK50AST03120M ¹	3	10	-	120	9.5	-	0.55	M16*1
HSK50A	BGPHSK50AST03130M ¹	3	10	-	130	9.5	-	0.59	M16*1
HSK50A	BGPHSK50AST04060M ¹	4	10	-	60	12	-	0.41	M16*1
HSK50A	BGPHSK50AST04120M ¹	4	10	-	120	12	-	0.55	M16*1
HSK50A	BGPHSK50AST04130M ¹	4	10	-	130	12	-	0.59	M16*1
HSK50A	BGPHSK50AST06080M	6	21	27	80	36	M5	0.57	M16*1
HSK50A	BGPHSK50AST06120M	6	21	27	120	36	M5	0.74	M16*1
HSK50A	BGPHSK50AST06130M	6	21	27	130	36	M5	0.78	M16*1
HSK50A	BGPHSK50AST08080M	8	21	27	80	36	M6	0.56	M16*1
HSK50A	BGPHSK50AST08120M	8	21	27	120	36	M6	0.73	M16*1
HSK50A	BGPHSK50AST08130M	8	21	27	130	36	M6	0.77	M16*1
HSK50A	BGPHSK50AST10085M ²	10	24	32	85	42	M8	0.64	M16*1
HSK50A	BGPHSK50AST10120M	10	24	32	120	42	M8	0.85	M16*1
HSK50A	BGPHSK50AST10130M	10	24	32	130	42	M8	0.91	M16*1

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通用型 /GP HSK50A DIN 69893

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK50A	BGPHSK50AST12090M	12	24	32	90	47	M8	0.65	M16*1
HSK50A	BGPHSK50AST12120M	12	24	32	120	47	M8	0.83	M16*1
HSK50A	BGPHSK50AST12130M	12	24	32	130	47	M8	0.89	M16*1
HSK50A	BGPHSK50AST14090M	14	27	34	90	47	M10	0.70	M16*1
HSK50A	BGPHSK50AST16095M	16	27	34	95	50	M12	0.70	M16*1
HSK50A	BGPHSK50AST16120M	16	27	34	120	50	M12	0.87	M16*1
HSK50A	BGPHSK50AST16130M	16	27	34	130	50	M12	0.94	M16*1

¹ 无过水顶丝，无动平衡螺钉孔，只适用于硬质合金刀具，
A 尺寸为最小夹持深度

² 无动平衡螺钉孔

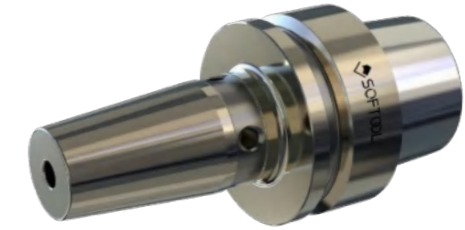
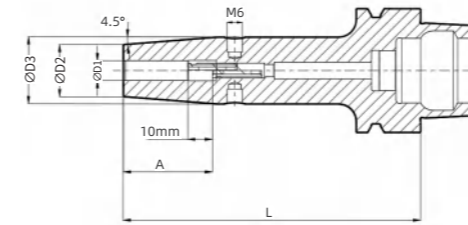
- 刀具柄部公差等级 h6，用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴，请参照 83 页

¹ Without back up screw, without balance screw holes, suitable solid
carbide tools, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK50E DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK50E	BGPHSK50EST03060M ¹	3	10	-	60	9.5	-	0.43	M16*1
HSK50E	BGPHSK50EST04060M ¹	4	10	-	60	12	-	0.43	M16*1
HSK50E	BGPHSK50EST06080M	6	21	27	80	36	M5	0.60	M16*1
HSK50E	BGPHSK50EST06130M	6	21	27	130	36	M5	0.82	M16*1
HSK50E	BGPHSK50EST08080M	8	21	27	80	36	M6	0.58	M16*1
HSK50E	BGPHSK50EST08130M	8	21	27	130	36	M6	0.80	M16*1
HSK50E	BGPHSK50EST10085M	10	24	32	85	42	M8	0.67	M16*1
HSK50E	BGPHSK50EST10130M	10	24	32	130	42	M8	0.94	M16*1
HSK50E	BGPHSK50EST12090M	12	24	32	90	47	M8	0.68	M16*1
HSK50E	BGPHSK50EST12130M	12	24	32	130	47	M8	0.92	M16*1
HSK50E	BGPHSK50EST14090M	14	27	34	90	47	M10	0.76	M16*1
HSK50E	BGPHSK50EST14130M	14	27	34	130	47	M10	1.00	M16*1
HSK50E	BGPHSK50EST16095M	16	27	34	95	50	M12	0.73	M16*1
HSK50E	BGPHSK50EST16130M	16	27	34	130	50	M12	0.97	M16*1

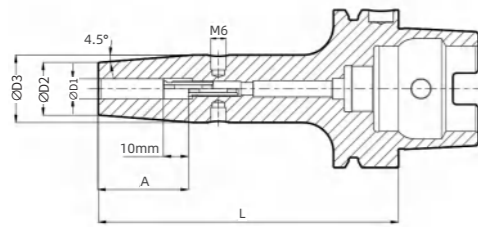
¹ 无过水顶丝，无动平衡螺钉孔，只适用于硬质合金刀具，
A 尺寸为最小夹持深度

- 刀具柄部公差等级 h6，用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴，请参照 83 页

¹ Without back up screw, without balance screw holes, suitable solid
carbide tools, A is the minimum clamping depth

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK63A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- 可提供微润滑定制, 请参照 168 页

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length
- MQL can be customized, please refer to P168

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK63A	BGPHSK63AST03080M ¹	3	10	-	80	9.5	-	0.69	M18*1
HSK63A	BGPHSK63AST03120M ¹	3	10	-	120	9.5	-	0.80	M18*1
HSK63A	BGPHSK63AST03130M ¹	3	10	-	130	9.5	-	0.84	M18*1
HSK63A	BGPHSK63AST04080M ¹	4	10	-	80	12	-	0.68	M18*1
HSK63A	BGPHSK63AST04120M ¹	4	10	-	120	12	-	0.79	M18*1
HSK63A	BGPHSK63AST04130M ¹	4	10	-	130	12	-	0.83	M18*1
HSK63A	BGPHSK63AST06080M	6	21	27	80	36	M5	0.82	M18*1
HSK63A	BGPHSK63AST06120M	6	21	27	120	36	M5	0.99	M18*1
HSK63A	BGPHSK63AST06130M	6	21	27	130	36	M5	1.03	M18*1
HSK63A	BGPHSK63AST06160M	6	21	27	160	36	M5	1.26	M18*1
HSK63A	BGPHSK63AST06200M	6	21	27	200	36	M5	1.43	M18*1
HSK63A	BGPHSK63AST08080M	8	21	27	80	36	M6	0.81	M18*1
HSK63A	BGPHSK63AST08120M	8	21	27	120	36	M6	0.98	M18*1
HSK63A	BGPHSK63AST08130M	8	21	27	130	36	M6	1.02	M18*1
HSK63A	BGPHSK63AST08160M	8	21	27	160	36	M6	1.25	M18*1
HSK63A	BGPHSK63AST08200M	8	21	27	200	36	M6	1.42	M18*1
HSK63A	BGPHSK63AST10085M ²	10	24	32	85	42	M8	0.89	M18*1
HSK63A	BGPHSK63AST10120M	10	24	32	120	42	M8	1.12	M18*1
HSK63A	BGPHSK63AST10130M	10	24	32	130	42	M8	1.18	M18*1
HSK63A	BGPHSK63AST10160M	10	24	32	160	42	M8	1.41	M18*1
HSK63A	BGPHSK63AST10200M	10	24	32	200	42	M8	1.65	M18*1
HSK63A	BGPHSK63AST12090M	12	24	32	90	47	M8	0.91	M18*1

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通用型 /GP HSK63A DIN 69893

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK63A	BGPHSK63AST12120M	12	24	32	120	47	M8	1.11	M18*1
HSK63A	BGPHSK63AST12130M	12	24	32	130	47	M8	1.17	M18*1
HSK63A	BGPHSK63AST12160M	12	24	32	160	47	M8	1.40	M18*1
HSK63A	BGPHSK63AST12200M	12	24	32	200	47	M8	1.64	M18*1
HSK63A	BGPHSK63AST14090M	14	27	34	90	47	M10	0.95	M18*1
HSK63A	BGPHSK63AST14120M	14	27	34	120	47	M10	1.17	M18*1
HSK63A	BGPHSK63AST14130M	14	27	34	130	47	M10	1.24	M18*1
HSK63A	BGPHSK63AST14160M	14	27	34	160	47	M10	1.50	M18*1
HSK63A	BGPHSK63AST14200M	14	27	34	200	47	M10	1.77	M18*1
HSK63A	BGPHSK63AST16095M	16	27	34	95	50	M12	0.96	M18*1
HSK63A	BGPHSK63AST16120M	16	27	34	120	50	M12	1.14	M18*1
HSK63A	BGPHSK63AST16130M	16	27	34	130	50	M12	1.21	M18*1
HSK63A	BGPHSK63AST16160M	16	27	34	160	50	M12	1.47	M18*1
HSK63A	BGPHSK63AST16200M	16	27	34	200	50	M12	1.74	M18*1
HSK63A	BGPHSK63AST18095M	18	33	42	95	50	M12	1.13	M18*1
HSK63A	BGPHSK63AST18120M	18	33	42	120	50	M12	1.40	M18*1
HSK63A	BGPHSK63AST18130M	18	33	42	130	50	M12	1.50	M18*1
HSK63A	BGPHSK63AST18160M	18	33	42	160	50	M12	1.82	M18*1
HSK63A	BGPHSK63AST18200M	18	33	42	200	50	M12	2.25	M18*1
HSK63A	BGPHSK63AST20100M	20	33	42	100	52	M12	1.10	M18*1
HSK63A	BGPHSK63AST20120M	20	33	42	120	52	M12	1.37	M18*1
HSK63A	BGPHSK63AST20130M	20	33	42	130	52	M12	1.47	M18*1
HSK63A	BGPHSK63AST20160M	20	33	42	160	52	M12	1.79	M18*1
HSK63A	BGPHSK63AST20200M	20	33	42	200	52	M12	2.22	M18*1
HSK63A	GPHSK63AST25115M	25	44	53	115	58	M16	1.73	M18*1
HSK63A	BGPHSK63AST25130M	25	44	53	130	58	M16	1.98	M18*1
HSK63A	BGPHSK63AST25160M	25	44	53	160	58	M16	2.49	M18*1
HSK63A	BGPHSK63AST25200M	25	44	53	200	58	M16	3.16	M18*1
HSK63A	BGPHSK63AST32120M	32	44	53	120	58	M16	1.65	M18*1
HSK63A	BGPHSK63AST32160M	32	44	53	160	58	M16	2.33	M18*1
HSK63A	BGPHSK63AST32200M	32	44	53	200	58	M16	3.00	M18*1

¹ 无过水顶丝, 无动平衡螺钉孔, 只适用于硬质合金刀具, A 尺寸为最小夹持深度

² 无动平衡螺钉孔

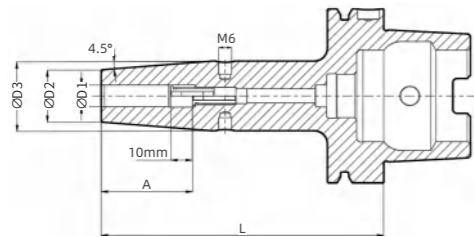
- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

¹ Without back up screw, without balance screw holes, suitable solid carbide tools, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK80A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- 可提供微润滑定制, 请参照 168 页

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length
- MQL can be customized, please refer to P168

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK80A	BGPHSK80AST06085M	6	21	27	85	36	M5	1.24	M20*1.5
HSK80A	BGPHSK80AST06120M	6	21	27	120	36	M5	1.46	M20*1.5
HSK80A	BGPHSK80AST06130M	6	21	27	130	36	M5	1.51	M20*1.5
HSK80A	BGPHSK80AST06160M	6	21	27	160	36	M5	1.73	M20*1.5
HSK80A	BGPHSK80AST06200M	6	21	27	200	36	M5	1.90	M20*1.5
HSK80A	BGPHSK80AST08085M	8	21	27	85	36	M6	1.23	M20*1.5
HSK80A	BGPHSK80AST08120M	8	21	27	120	36	M6	1.45	M20*1.5
HSK80A	BGPHSK80AST08130M	8	21	27	130	36	M6	1.50	M20*1.5
HSK80A	BGPHSK80AST08160M	8	21	27	160	36	M6	1.72	M20*1.5
HSK80A	BGPHSK80AST08200M	8	21	27	200	36	M6	1.89	M20*1.5
HSK80A	BGPHSK80AST10090M	10	24	32	90	42	M8	1.31	M20*1.5
HSK80A	BGPHSK80AST10120M	10	24	32	120	42	M8	1.58	M20*1.5
HSK80A	BGPHSK80AST10130M	10	24	32	130	42	M8	1.64	M20*1.5
HSK80A	BGPHSK80AST10160M	10	24	32	160	42	M8	1.89	M20*1.5
HSK80A	BGPHSK80AST10200M	10	24	32	200	42	M8	2.17	M20*1.5
HSK80A	BGPHSK80AST12095M	12	24	32	95	47	M8	1.33	M20*1.5
HSK80A	BGPHSK80AST12120M	12	24	32	120	47	M8	1.57	M20*1.5
HSK80A	BGPHSK80AST12130M	12	24	32	130	47	M8	1.63	M20*1.5
HSK80A	BGPHSK80AST12160M	12	24	32	160	47	M8	1.88	M20*1.5
HSK80A	BGPHSK80AST12200M	12	24	32	200	47	M8	2.16	M20*1.5
HSK80A	BGPHSK80AST14095M	14	27	34	95	47	M10	1.38	M20*1.5
HSK80A	BGPHSK80AST14120M	14	27	34	120	47	M10	1.64	M20*1.5

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通用型 /GP HSK80A DIN 69893

技术参数 | Technical parameters

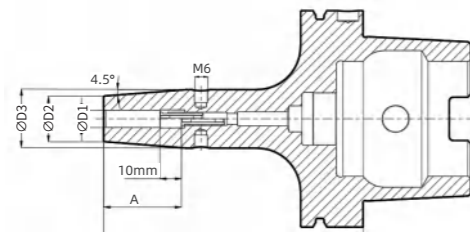
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK80A	BGPHSK80AST14130M	14	27	34	130	47	M10	1.70	M20*1.5
HSK80A	BGPHSK80AST14160M	14	27	34	160	47	M10	1.96	M20*1.5
HSK80A	BGPHSK80AST14200M	14	27	34	200	47	M10	2.30	M20*1.5
HSK80A	BGPHSK80AST16100M	16	27	34	100	50	M12	1.38	M20*1.5
HSK80A	BGPHSK80AST16120M	16	27	34	120	50	M12	1.61	M20*1.5
HSK80A	BGPHSK80AST16130M	16	27	34	130	50	M12	1.67	M20*1.5
HSK80A	BGPHSK80AST16160M	16	27	34	160	50	M12	1.93	M20*1.5
HSK80A	BGPHSK80AST16200M	16	27	34	200	50	M12	2.27	M20*1.5
HSK80A	BGPHSK80AST18100M	18	33	42	100	50	M12	1.56	M20*1.5
HSK80A	BGPHSK80AST18120M	18	33	42	120	50	M12	1.88	M20*1.5
HSK80A	BGPHSK80AST18130M	18	33	42	130	50	M12	1.99	M20*1.5
HSK80A	BGPHSK80AST18160M	18	33	42	160	50	M12	2.29	M20*1.5
HSK80A	BGPHSK80AST18200M	18	33	42	200	50	M12	2.71	M20*1.5
HSK80A	BGPHSK80AST20105M	20	33	42	105	52	M12	1.59	M20*1.5
HSK80A	BGPHSK80AST20120M	20	33	42	120	52	M12	1.86	M20*1.5
HSK80A	BGPHSK80AST20130M	20	33	42	130	52	M12	1.97	M20*1.5
HSK80A	BGPHSK80AST20160M	20	33	42	160	52	M12	2.27	M20*1.5
HSK80A	BGPHSK80AST20200M	20	33	42	200	52	M12	2.69	M20*1.5
HSK80A	BGPHSK80AST25115M	25	44	53	115	58	M16	1.93	M20*1.5
HSK80A	BGPHSK80AST25120M	25	44	53	120	58	M16	2.21	M20*1.5
HSK80A	BGPHSK80AST25130M	25	44	53	130	58	M16	2.42	M20*1.5
HSK80A	BGPHSK80AST25160M	25	44	53	160	58	M16	2.93	M20*1.5
HSK80A	BGPHSK80AST25200M	25	44	53	200	58	M16	3.61	M20*1.5
HSK80A	BGPHSK80AST32120M	32	44	53	120	58	M16	2.05	M20*1.5
HSK80A	BGPHSK80AST32130M	32	44	53	130	58	M16	2.25	M20*1.5
HSK80A	BGPHSK80AST32160M	32	44	53	160	58	M16	2.77	M20*1.5
HSK80A	BGPHSK80AST32200M	32	44	53	200	58	M16	3.45	M20*1.5

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP HSK100A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- 可提供微润滑定制，请参照 168 页

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length
- MQL can be customized, please refer to P168

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK100A	BGPHSK100AST06085M	6	21	27	85	36	M5	2.17	M24*1.5
HSK100A	BGPHSK100AST06120M	6	21	27	120	36	M5	2.39	M24*1.5
HSK100A	BGPHSK100AST06130M	6	21	27	130	36	M5	2.44	M24*1.5
HSK100A	BGPHSK100AST06160M	6	21	27	160	36	M5	2.73	M24*1.5
HSK100A	BGPHSK100AST06200M	6	21	27	200	36	M5	2.9	M24*1.5
HSK100A	BGPHSK100AST08085M	8	21	27	85	36	M6	2.16	M24*1.5
HSK100A	BGPHSK100AST08120M	8	21	27	120	36	M6	2.38	M24*1.5
HSK100A	BGPHSK100AST08130M	8	21	27	130	36	M6	2.43	M24*1.5
HSK100A	BGPHSK100AST08160M	8	21	27	160	36	M6	2.72	M24*1.5
HSK100A	BGPHSK100AST08200M	8	21	27	200	36	M6	2.89	M24*1.5
HSK100A	BGPHSK100AST10090M	10	24	32	90	42	M8	2.24	M24*1.5
HSK100A	BGPHSK100AST10120M	10	24	32	120	42	M8	2.51	M24*1.5
HSK100A	BGPHSK100AST10130M	10	24	32	130	42	M8	2.57	M24*1.5
HSK100A	BGPHSK100AST10160M	10	24	32	160	42	M8	2.94	M24*1.5
HSK100A	BGPHSK100AST10200M	10	24	32	200	42	M8	3.18	M24*1.5
HSK100A	BGPHSK100AST12095M	12	24	32	95	47	M8	2.26	M24*1.5
HSK100A	BGPHSK100AST12120M	12	24	32	120	47	M8	2.50	M24*1.5
HSK100A	BGPHSK100AST12130M	12	24	32	130	47	M8	2.56	M24*1.5
HSK100A	BGPHSK100AST12160M	12	24	32	160	47	M8	2.93	M24*1.5
HSK100A	BGPHSK100AST12200M	12	24	32	200	47	M8	3.17	M24*1.5
HSK100A	BGPHSK100AST14095M	14	27	34	95	47	M10	2.31	M24*1.5
HSK100A	BGPHSK100AST14120M	14	27	34	120	47	M10	2.57	M24*1.5

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通用型 /GP HSK100A DIN 69893

技术参数 | Technical parameters

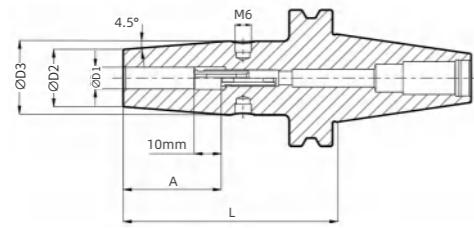
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK100A	BGPHSK100AST14130M	14	27	34	130	47	M10	2.63	M24*1.5
HSK100A	BGPHSK100AST14160M	14	27	34	160	47	M10	3.04	M24*1.5
HSK100A	BGPHSK100AST14200M	14	27	34	200	47	M10	3.31	M24*1.5
HSK100A	BGPHSK100AST16100M	16	27	34	100	50	M12	2.31	M24*1.5
HSK100A	BGPHSK100AST16120M	16	27	34	120	50	M12	2.54	M24*1.5
HSK100A	BGPHSK100AST16130M	16	27	34	130	50	M12	2.60	M24*1.5
HSK100A	BGPHSK100AST16160M	16	27	34	160	50	M12	3.01	M24*1.5
HSK100A	BGPHSK100AST16200M	16	27	34	200	50	M12	3.29	M24*1.5
HSK100A	BGPHSK100AST18100M	18	33	42	100	50	M12	2.49	M24*1.5
HSK100A	BGPHSK100AST18120M	18	33	42	120	50	M12	2.81	M24*1.5
HSK100A	BGPHSK100AST18130M	18	33	42	130	50	M12	2.92	M24*1.5
HSK100A	BGPHSK100AST18160M	18	33	42	160	50	M12	3.29	M24*1.5
HSK100A	BGPHSK100AST18200M	18	33	42	200	50	M12	3.71	M24*1.5
HSK100A	BGPHSK100AST20105M	20	33	42	105	52	M12	2.52	M24*1.5
HSK100A	BGPHSK100AST20120M	20	33	42	120	52	M12	2.79	M24*1.5
HSK100A	BGPHSK100AST20130M	20	33	42	130	52	M12	2.90	M24*1.5
HSK100A	BGPHSK100AST20160M	20	33	42	160	52	M12	3.26	M24*1.5
HSK100A	BGPHSK100AST20200M	20	33	42	200	52	M12	3.68	M24*1.5
HSK100A	BGPHSK100AST25115M	25	44	53	115	58	M16	3.03	M24*1.5
HSK100A	BGPHSK100AST25120M	25	44	53	120	58	M16	3.14	M24*1.5
HSK100A	BGPHSK100AST25130M	25	44	53	130	58	M16	3.35	M24*1.5
HSK100A	BGPHSK100AST25160M	25	44	53	160	58	M16	3.86	M24*1.5
HSK100A	BGPHSK100AST25200M	25	44	53	200	58	M16	4.54	M24*1.5
HSK100A	BGPHSK100AST32120M	32	44	53	120	58	M16	2.98	M24*1.5
HSK100A	BGPHSK100AST32130M	32	44	53	130	58	M16	3.19	M24*1.5
HSK100A	BGPHSK100AST32160M	32	44	53	160	58	M16	3.70	M24*1.5
HSK100A	BGPHSK100AST32200M	32	44	53	200	58	M16	4.37	M24*1.5

- 刀具柄部公差等级 h6，用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴，请参照 83 页

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型 /GP SK30A DIN 69871



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
SK30A	BGPSK30AST03060M ¹	3	10	-	60	9.5	-	0.41
SK30A	BGPSK30AST03080M ¹	3	10	-	80	9.5	-	0.44
SK30A	BGPSK30AST04060M ¹	4	10	-	60	12	-	0.41
SK30A	BGPSK30AST04080M ¹	4	10	-	80	12	-	0.44
SK30A	BGPSK30AST06060M ²	6	23	-	60	36	M5	0.53
SK30A	BGPSK30AST06080M	6	21	27	80	36	M5	0.59
SK30A	BGPSK30AST08060M ²	8	23	-	60	36	M6	0.52
SK30A	BGPSK30AST08080M	8	21	27	80	36	M6	0.58
SK30A	BGPSK30AST10060M ²	10	27	-	60	42	M8	0.56
SK30A	BGPSK30AST10080M	10	24	32	80	42	M8	0.64
SK30A	BGPSK30AST12060M ²	12	27	-	60	47	M8	0.55
SK30A	BGPSK30AST12080M	12	24	32	80	47	M8	0.62
SK30A	BGPSK30AST16065M ²	16	30	-	65	50	M12	0.59
SK30A	BGPSK30AST16080M	16	27	32.1	80	50	M12	0.63
SK30A	BGPSK30AST20070M	20	35.5	40.5	70	52	M12	0.68

¹ 无过水顶丝, 无动平衡螺钉孔, 只适用于硬质合金刀具, A 尺寸为最小夹持深度

² 无动平衡螺钉孔

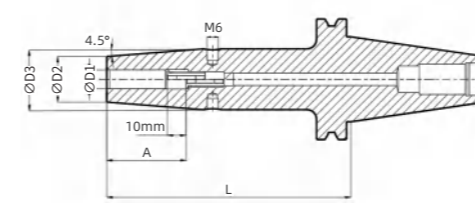
- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without back up screw, without balance screw holes, suitable solid carbide tools, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request

通用型 /GP SK40A DIN 69871



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
SK40A	BGPSK40AST03080M ¹	3	10	-	80	9.5	-	0.89
SK40A	BGPSK40AST03120M ¹	3	10	-	120	9.5	-	1.01
SK40A	BGPSK40AST03130M ¹	3	10	-	130	9.5	-	1.05
SK40A	BGPSK40AST04080M ¹	4	10	-	80	12	-	0.89
SK40A	BGPSK40AST04120M ¹	4	10	-	120	12	-	1.01
SK40A	BGPSK40AST04130M ¹	4	10	-	130	12	-	1.05
SK40A	BGPSK40AST06080M	6	21	27	80	36	M5	1.03
SK40A	BGPSK40AST06120M	6	21	27	120	36	M5	1.21
SK40A	BGPSK40AST06130M	6	21	27	130	36	M5	1.25
SK40A	BGPSK40AST06160M	6	21	27	160	36	M5	1.47
SK40A	BGPSK40AST06200M	6	21	27	200	36	M5	1.64
SK40A	BGPSK40AST08080M	8	21	27	80	36	M6	1.03
SK40A	BGPSK40AST08120M	8	21	27	120	36	M6	1.21
SK40A	BGPSK40AST08130M	8	21	27	130	36	M6	1.25
SK40A	BGPSK40AST08160M	8	21	27	160	36	M6	1.47
SK40A	BGPSK40AST08200M	8	21	27	200	36	M6	1.64
SK40A	BGPSK40AST10080M	10	24	32	80	42	M8	1.08
SK40A	BGPSK40AST10120M	10	24	32	120	42	M8	1.33
SK40A	BGPSK40AST10130M	10	24	32	130	42	M8	1.39
SK40A	BGPSK40AST10160M	10	24	32	160	42	M8	1.63
SK40A	BGPSK40AST10200M	10	24	32	200	42	M8	1.87
SK40A	BGPSK40AST12080M	12	24	32	80	47	M8	1.07

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通用型 /GP SK40A DIN 69871

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
SK40A	BGPSK40AST12120M	12	24	32	120	47	M8	1.32
SK40A	BGPSK40AST12130M	12	24	32	130	47	M8	1.38
SK40A	BGPSK40AST12160M	12	24	32	160	47	M8	1.62
SK40A	BGPSK40AST12200M	12	24	32	200	47	M8	1.86
SK40A	BGPSK40AST14080M	14	27	34	80	47	M10	1.11
SK40A	BGPSK40AST14120M	14	27	34	120	47	M10	1.38
SK40A	BGPSK40AST14130M	14	27	34	130	47	M10	1.45
SK40A	BGPSK40AST14160M	14	27	34	160	47	M10	1.72
SK40A	BGPSK40AST14200M	14	27	34	200	47	M10	2.00
SK40A	BGPSK40AST16080M	16	27	34	80	50	M12	1.08
SK40A	BGPSK40AST16120M	16	27	34	120	50	M12	1.35
SK40A	BGPSK40AST16130M	16	27	34	130	50	M12	1.42
SK40A	BGPSK40AST16160M	16	27	34	160	50	M12	1.69
SK40A	BGPSK40AST16200M	16	27	34	200	50	M12	1.97
SK40A	BGPSK40AST18080M ²	18	33	42	80	50	M12	1.22
SK40A	BGPSK40AST18120M	18	33	42	120	50	M12	1.64
SK40A	BGPSK40AST18130M	18	33	42	130	50	M12	1.75
SK40A	BGPSK40AST18160M	18	33	42	160	50	M12	2.06
SK40A	BGPSK40AST18200M	18	33	42	200	50	M12	2.49
SK40A	BGPSK40AST20080M ²	20	33	42	80	52	M12	1.19
SK40A	BGPSK40AST20120M	20	33	42	120	52	M12	1.61
SK40A	BGPSK40AST20130M	20	33	42	130	52	M12	1.72
SK40A	BGPSK40AST20160M	20	33	42	160	52	M12	2.03
SK40A	BGPSK40AST20200M	20	33	42	200	52	M12	2.46
SK40A	BGPSK40AST25100M	25	44	53	100	58	M16	1.73
SK40A	BGPSK40AST25120M	25	44	53	120	58	M16	2.07
SK40A	BGPSK40AST25130M	25	44	53	130	58	M16	2.24
SK40A	BGPSK40AST25160M	25	44	53	160	58	M16	2.75
SK40A	BGPSK40AST25200M	25	44	53	200	58	M16	3.42
SK40A	BGPSK40AST32100M	32	44	53	100	58	M16	1.70
SK40A	BGPSK40AST32120M	32	44	53	120	58	M16	2.04
SK40A	BGPSK40AST32130M	32	44	53	130	58	M16	2.21

¹ 无过水顶丝，无动平衡螺钉孔，只适用于硬质合金刀具，A 尺寸为最小夹持深度

² 无动平衡螺钉孔

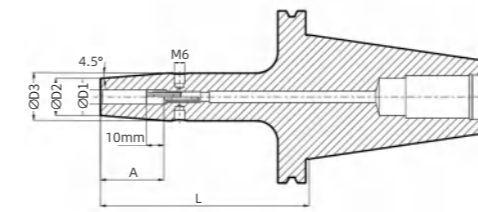
- 刀具柄部公差等级 h6，用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without back up screw, without balance screw holes, suitable solid carbide tools, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request

通用型 /GP SK50A DIN 69871



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 Umax < 1g·mm
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
SK50A	BGPSK50AST06080M	6	21	27	80	36	M5	2.84
SK50A	BGPSK50AST06120M	6	21	27	120	36	M5	3.03
SK50A	BGPSK50AST06130M	6	21	27	130	36	M5	3.07
SK50A	BGPSK50AST06160M	6	21	27	160	36	M5	3.38
SK50A	BGPSK50AST06200M	6	21	27	200	36	M5	3.55
SK50A	BGPSK50AST08080M	8	21	27	80	36	M6	2.84
SK50A	BGPSK50AST08120M	8	21	27	120	36	M6	3.03
SK50A	BGPSK50AST08130M	8	21	27	130	36	M6	3.07
SK50A	BGPSK50AST08160M	8	21	27	160	36	M6	3.37
SK50A	BGPSK50AST08200M	8	21	27	200	36	M6	3.52
SK50A	BGPSK50AST10080M	10	24	32	80	42	M8	2.99
SK50A	BGPSK50AST10120M	10	24	32	120	42	M8	3.15
SK50A	BGPSK50AST10130M	10	24	32	130	42	M8	3.21
SK50A	BGPSK50AST10160M	10	24	32	160	42	M8	3.60
SK50A	BGPSK50AST10200M	10	24	32	200	42	M8	3.85
SK50A	BGPSK50AST12080M	12	24	32	80	47	M8	2.87
SK50A	BGPSK50AST12120M	12	24	32	120	47	M8	3.15
SK50A	BGPSK50AST12130M	12	24	32	130	47	M8	3.21
SK50A	BGPSK50AST12160M	12	24	32	160	47	M8	3.59
SK50A	BGPSK50AST12200M	12	24	32	200	47	M8	3.83
SK50A	BGPSK50AST14080M	14	27	34	80	47	M10	2.92
SK50A	BGPSK50AST14120M	14	27	34	120	47	M10	3.20

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通用型 /GP SK50A DIN 69871

通用型 /GP PSC63A ISO 26623

> 技术参数 | Technical parameters

单位 | Unit: mm

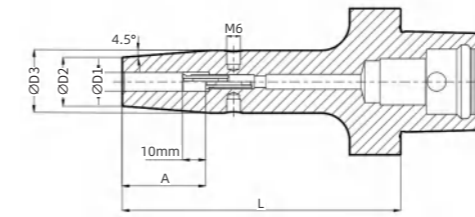
接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
SK50A	BGPSK50AST14130M	14	27	34	130	47	M10	3.27
SK50A	BGPSK50AST14160M	14	27	34	160	47	M10	3.70
SK50A	BGPSK50AST14200M	14	27	34	200	47	M10	3.97
SK50A	BGPSK50AST16080M	16	27	34	80	50	M12	2.88
SK50A	BGPSK50AST16120M	16	27	34	120	50	M12	3.20
SK50A	BGPSK50AST16130M	16	27	34	130	50	M12	3.27
SK50A	BGPSK50AST16160M	16	27	34	160	50	M12	3.67
SK50A	BGPSK50AST16200M	16	27	34	200	50	M12	3.95
SK50A	BGPSK50AST18080M ¹	18	33	42	80	50	M12	3.04
SK50A	BGPSK50AST18120M	18	33	42	120	50	M12	3.46
SK50A	BGPSK50AST18130M	18	33	42	130	50	M12	3.57
SK50A	BGPSK50AST18160M	18	33	42	160	50	M12	3.98
SK50A	BGPSK50AST18200M	18	33	42	200	50	M12	4.42
SK50A	BGPSK50AST20080M ¹	20	33	42	80	52	M12	3.02
SK50A	BGPSK50AST20120M	20	33	42	120	52	M12	3.44
SK50A	BGPSK50AST20130M	20	33	42	130	52	M12	3.55
SK50A	BGPSK50AST20160M	20	33	42	160	52	M12	3.97
SK50A	BGPSK50AST20200M	20	33	42	200	52	M12	4.39
SK50A	BGPSK50AST25100M	25	44	53	100	58	M16	3.57
SK50A	BGPSK50AST25120M	25	44	53	120	58	M16	3.93
SK50A	BGPSK50AST25130M	25	44	53	130	58	M16	4.10
SK50A	BGPSK50AST25160M	25	44	53	160	58	M16	4.72
SK50A	BGPSK50AST25200M	25	44	53	200	58	M16	5.40
SK50A	BGPSK50AST32100M	32	44	53	100	58	M16	3.42
SK50A	BGPSK50AST32120M	32	44	53	120	58	M16	3.80
SK50A	BGPSK50AST32130M	32	44	53	130	58	M16	3.97
SK50A	BGPSK50AST32160M	32	44	53	160	58	M16	4.58
SK50A	BGPSK50AST32200M	32	44	53	200	58	M16	5.26

¹ 无动平衡螺钉孔

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金具
- 可按要求定制其他尺寸和特殊设计

¹ Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 U_{max} < 1g·mm
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or U_{max} < 1 g·mm
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
PSC63A	BGPPSC63AST03080M ¹	3	10	-	80	9.5	-	0.82
PSC63A	BGPPSC63AST03120M ¹	3	10	-	120	9.5	-	0.93
PSC63A	BGPPSC63AST03130M ¹	3	10	-	130	9.5	-	0.97
PSC63A	BGPPSC63AST04080M ¹	4	10	-	80	12	-	0.82
PSC63A	BGPPSC63AST04120M ¹	4	10	-	120	12	-	0.93
PSC63A	BGPPSC63AST04130M ¹	4	10	-	130	12	-	0.97
PSC63A	BGPPSC63AST06080M	6	21	27	80	36	M5	0.95
PSC63A	BGPPSC63AST06100M	6	21	27	100	36	M5	1.03
PSC63A	BGPPSC63AST06120M	6	21	27	120	36	M5	1.19
PSC63A	BGPPSC63AST06130M	6	21	27	130	36	M5	1.23
PSC63A	BGPPSC63AST06160M	6	21	27	160	36	M5	1.59
PSC63A	BGPPSC63AST08080M	8	21	27	80	36	M6	0.95
PSC63A	BGPPSC63AST08100M	8	21	27	100	36	M6	1.03
PSC63A	BGPPSC63AST08120M	8	21	27	120	36	M6	1.19
PSC63A	BGPPSC63AST08130M	8	21	27	130	36	M6	1.23
PSC63A	BGPPSC63AST08160M	8	21	27	160	36	M6	1.59
PSC63A	BGPPSC63AST10080M ²	10	24	32	80	42	M8	1.10
PSC63A	BGPPSC63AST10100M	10	24	32	100	42	M8	1.18
PSC63A	BGPPSC63AST10120M	10	24	32	120	42	M8	1.34
PSC63A	BGPPSC63AST10130M	10	24	32	130	42	M8	1.38
PSC63A	BGPPSC63AST10160M	10	24	32	160	42	M8	1.74
PSC63A	BGPPSC63AST12080M ²	12	24	32	80	47	M8	1.09

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通用型 / GP PSC63A ISO 26623

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
PSC63A	BGPPSC63AST12100M	12	24	32	100	47	M8	1.17
PSC63A	BGPPSC63AST12120M	12	24	32	120	47	M8	1.33
PSC63A	BGPPSC63AST12130M	12	24	32	130	47	M8	1.37
PSC63A	BGPPSC63AST12160M	12	24	32	160	47	M8	1.73
PSC63A	BGPPSC63AST14085M	14	27	34	85	47	M10	1.25
PSC63A	BGPPSC63AST14100M	14	27	34	100	47	M10	1.33
PSC63A	BGPPSC63AST14120M	14	27	34	120	47	M10	1.49
PSC63A	BGPPSC63AST14130M	14	27	34	130	47	M10	1.53
PSC63A	BGPPSC63AST14160M	14	27	34	160	47	M10	1.89
PSC63A	BGPPSC63AST16085M	16	27	34	85	50	M12	1.22
PSC63A	BGPPSC63AST16100M	16	27	34	100	50	M12	1.30
PSC63A	BGPPSC63AST16120M	16	27	34	120	50	M12	1.46
PSC63A	BGPPSC63AST16130M	16	27	34	130	50	M12	1.50
PSC63A	BGPPSC63AST16160M	16	27	34	160	50	M12	1.86
PSC63A	BGPPSC63AST18085M ²	18	33	42	85	50	M12	1.19
PSC63A	BGPPSC63AST18100M	18	33	42	100	50	M12	1.33
PSC63A	BGPPSC63AST18130M	18	33	42	130	50	M12	1.71
PSC63A	BGPPSC63AST18160M	18	33	42	160	50	M12	1.97
PSC63A	BGPPSC63AST20085M ²	20	33	42	85	52	M12	1.16
PSC63A	BGPPSC63AST20100M	20	33	42	100	52	M12	1.30
PSC63A	BGPPSC63AST20120M	20	33	42	120	52	M12	1.58
PSC63A	BGPPSC63AST20130M	20	33	42	130	52	M12	1.68
PSC63A	BGPPSC63AST20160M	20	33	42	160	52	M12	1.94
PSC63A	BGPPSC63AST25090M ²	25	44	53	90	58	M16	1.50
PSC63A	BGPPSC63AST25120M	25	44	53	120	58	M16	2.01
PSC63A	BGPPSC63AST25130M	25	44	53	130	58	M16	2.19
PSC63A	BGPPSC63AST25160M	25	44	53	160	58	M16	2.74
PSC63A	BGPPSC63AST32095M	32	44	53	95	58	M16	1.43
PSC63A	BGPPSC63AST32130M	32	44	53	130	58	M16	2.02
PSC63A	BGPPSC63AST32160M	32	44	53	160	58	M16	2.58

¹ 无过水顶丝，无动平衡螺钉孔，只适用于硬质合金刀具，A 尺寸为最小夹持深度

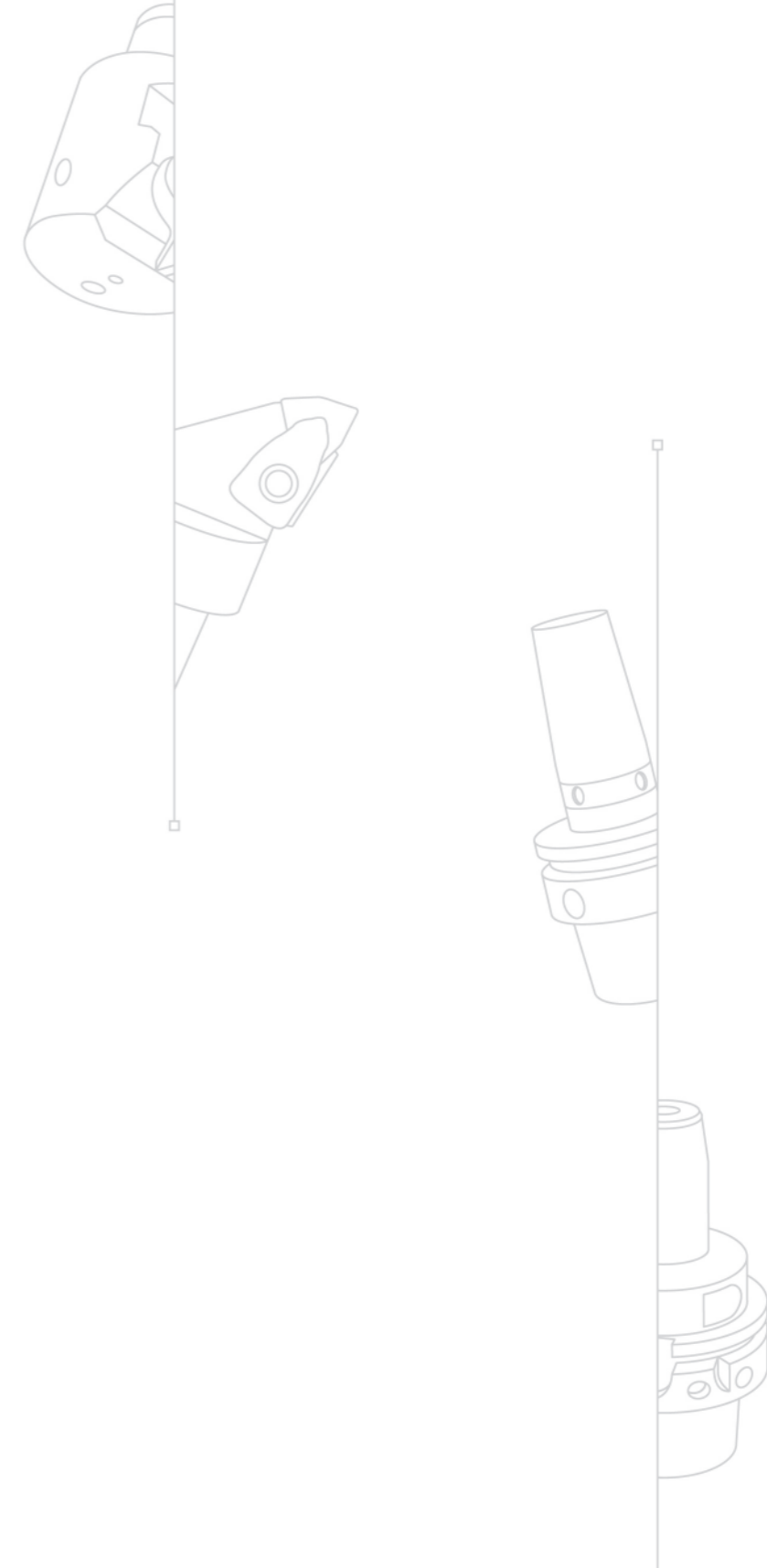
² 无动平衡螺钉孔

- 刀具柄部公差等级 h6，用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without back up screw, without balance screw holes, suitable solid carbide tools, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request



通用型端面出水热装刀柄
GENERAL PURPOSE & COOL JET



02

通用型基础上添加冷却孔，冷却液直达切削刃，延长刀具寿命

Add cooling holes on the basis of general purpose type, the coolant can reach to the cutting edge directly, prolong tool life

01

热装刀柄自带螺纹平衡孔，可直接装配平衡螺钉进行动平衡调整

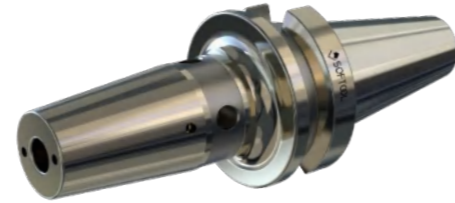
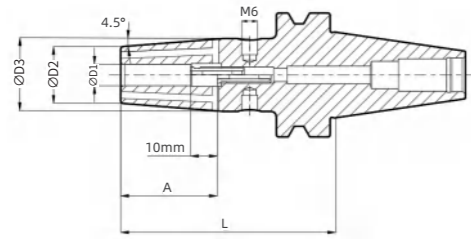
The shrink-fit chuck has a thread balance hole, which can be directly assembled with a balance screw for dynamic balance adjustment

03

φ3、φ4冷却方式为细缝冷却

φ3/φ4, with slits along the clamping bore for cooling form outside

通用型端面出水 / GC BT30A JIS B6339



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
BT30A	BGCBT30AST03060M ¹	3	10	-	60	9.5	-	0.40
BT30A	BGCBT30AST04060M ¹	4	10	-	60	12	-	0.40
BT30A	BGCBT30AST06080M	6	21	27	80	36	M5	0.57
BT30A	BGCBT30AST08080M	8	21	27	80	36	M6	0.55
BT30A	BGCBT30AST10080M ²	10	24	32	80	42	M8	0.61
BT30A	BGCBT30AST12080M ²	12	24	32	80	47	M8	0.59
BT30A	BGCBT30AST14080M ²	14	27	34	80	47	M10	0.64
BT30A	BGCBT30AST16080M ²	16	27	34	80	50	M12	0.62
BT30A	BGCBT30AST18090M	18	33	40.5	90	50	M12	0.84
BT30A	BGCBT30AST20090M	20	33	40.5	90	52	M12	0.82

¹ 无过水顶丝, 无动平衡螺钉孔, 夹持孔有细缝, 细缝出水, A 尺寸为最小夹持深度

² 无动平衡螺钉孔

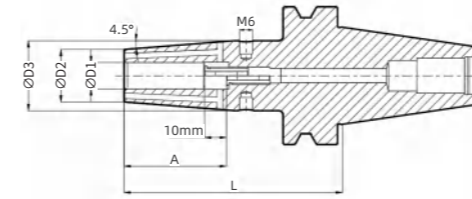
- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without back up screw, without balance screw holes, the clamping hole has a fine slit, and the thin slit comes out of the water, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request

通用型端面出水 / GC BT40A JIS B6339



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
BT40A	BGCBT40AST03090M ¹	3	10	-	90	9.5	-	1.06
BT40A	BGCBT40AST04090M ¹	4	10	-	90	12	-	1.06
BT40A	BGCBT40AST06090M	6	21	27	90	36	M5	1.20
BT40A	BGCBT40AST06120M	6	21	27	120	36	M5	1.34
BT40A	BGCBT40AST06130M	6	21	27	130	36	M5	1.38
BT40A	BGCBT40AST06160M	6	21	27	160	36	M5	1.60
BT40A	BGCBT40AST06200M	6	21	27	200	36	M5	1.76
BT40A	BGCBT40AST08090M	8	21	27	90	36	M6	1.18
BT40A	BGCBT40AST08120M	8	21	27	120	36	M6	1.32
BT40A	BGCBT40AST08130M	8	21	27	130	36	M6	1.36
BT40A	BGCBT40AST08160M	8	21	27	160	36	M6	1.58
BT40A	BGCBT40AST08200M	8	21	27	200	36	M6	1.74
BT40A	BGCBT40AST10090M	10	24	32	90	42	M8	1.25
BT40A	BGCBT40AST10120M	10	24	32	120	42	M8	1.45
BT40A	BGCBT40AST10130M	10	24	32	130	42	M8	1.51
BT40A	BGCBT40AST10160M	10	24	32	160	42	M8	1.74
BT40A	BGCBT40AST10200M	10	24	32	200	42	M8	1.98
BT40A	BGCBT40AST12090M	12	24	32	90	47	M8	1.23
BT40A	BGCBT40AST12120M	12	24	32	120	47	M8	1.43
BT40A	BGCBT40AST12130M	12	24	32	130	47	M8	1.49
BT40A	BGCBT40AST12160M	12	24	32	160	47	M8	1.72
BT40A	BGCBT40AST12200M	12	24	32	200	47	M8	1.97

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通用型端面出水 / GC BT40A JIS B6339

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
BT40A	BGCBT40AST14090M	14	27	34	90	47	M10	1.28
BT40A	BGCBT40AST14120M	14	27	34	120	47	M10	1.50
BT40A	BGCBT40AST14130M	14	27	34	130	47	M10	1.57
BT40A	BGCBT40AST14160M	14	27	34	160	47	M10	1.83
BT40A	BGCBT40AST14200M	14	27	34	200	47	M10	2.10
BT40A	BGCBT40AST16090M	16	27	34	90	50	M12	1.26
BT40A	BGCBT40AST16120M	16	27	34	120	50	M12	1.48
BT40A	BGCBT40AST16130M	16	27	34	130	50	M12	1.55
BT40A	BGCBT40AST16160M	16	27	34	160	50	M12	1.81
BT40A	BGCBT40AST16200M	16	27	34	200	50	M12	2.09
BT40A	BGCBT40AST18090M	18	33	42	90	50	M12	1.40
BT40A	BGCBT40AST18120M	18	33	42	120	50	M12	1.72
BT40A	BGCBT40AST18130M	18	33	42	130	50	M12	1.83
BT40A	BGCBT40AST18160M	18	33	42	160	50	M12	2.15
BT40A	BGCBT40AST18200M	18	33	42	200	50	M12	2.57
BT40A	BGCBT40AST20090M	20	33	42	90	52	M12	1.38
BT40A	BGCBT40AST20120M	20	33	42	120	52	M12	1.70
BT40A	BGCBT40AST20130M	20	33	42	130	52	M12	1.81
BT40A	BGCBT40AST20160M	20	33	42	160	52	M12	2.13
BT40A	BGCBT40AST20200M	20	33	42	200	52	M12	2.55
BT40A	BGCBT40AST25100M	25	44	53	100	58	M16	1.80
BT40A	BGCBT40AST25120M	25	44	53	120	58	M16	2.14
BT40A	BGCBT40AST25130M	25	44	53	130	58	M16	2.31
BT40A	BGCBT40AST25160M	25	44	53	160	58	M16	2.81
BT40A	BGCBT40AST25200M	25	44	53	200	58	M16	3.49
BT40A	BGCBT40AST32100M	32	44	53	100	58	M16	1.78
BT40A	BGCBT40AST32120M	32	44	53	120	58	M16	2.12

¹ 无过水顶丝，无动平衡螺钉孔，夹持孔有细缝，细缝出水，A尺寸为最小夹持深度

² 无动平衡螺钉孔

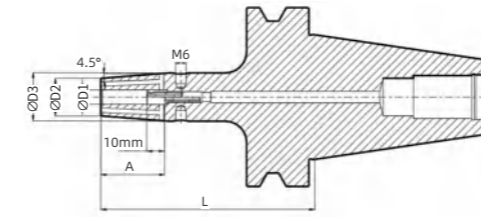
- 刀具柄部公差等级 h6，用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without back up screw, without balance screw holes, the clamping hole has a fine slit, and the thin slit comes out of the water, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request

通用型端面出水 / GC BT50A JIS B6339



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 Umax < 1g·mm
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
BT50A	BGCBT50AST06100M	6	21	27	100	36	M5	3.85
BT50A	BGCBT50AST06120M	6	21	27	120	36	M5	3.96
BT50A	BGCBT50AST06130M	6	21	27	130	36	M5	4.01
BT50A	BGCBT50AST06160M	6	21	27	160	36	M5	4.25
BT50A	BGCBT50AST06200M	6	21	27	200	36	M5	4.41
BT50A	BGCBT50AST08100M	8	21	27	100	36	M6	3.84
BT50A	BGCBT50AST08120M	8	21	27	120	36	M6	3.95
BT50A	BGCBT50AST08130M	8	21	27	130	36	M6	4.00
BT50A	BGCBT50AST08160M	8	21	27	160	36	M6	4.24
BT50A	BGCBT50AST08200M	8	21	27	200	36	M6	4.40
BT50A	BGCBT50AST10100M	10	24	32	100	42	M8	3.91
BT50A	BGCBT50AST10120M	10	24	32	120	42	M8	4.06
BT50A	BGCBT50AST10130M	10	24	32	130	42	M8	4.13
BT50A	BGCBT50AST10160M	10	24	32	160	42	M8	4.38
BT50A	BGCBT50AST10200M	10	24	32	200	42	M8	4.61
BT50A	BGCBT50AST12100M	12	24	32	100	47	M8	3.89
BT50A	BGCBT50AST12120M	12	24	32	120	47	M8	4.04
BT50A	BGCBT50AST12130M	12	24	32	130	47	M8	4.11
BT50A	BGCBT50AST12160M	12	24	32	160	47	M8	4.36
BT50A	BGCBT50AST12200M	12	24	32	200	47	M8	4.59
BT50A	BGCBT50AST14100M	14	27	34	100	47	M10	3.93
BT50A	BGCBT50AST14120M	14	27	34	120	47	M10	4.08

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通用型端面出水 / GC BT50A JIS B6339

通用型端面出水 / GC HSK32A DIN 69893

> 技术参数 | Technical parameters

单位 | Unit: mm

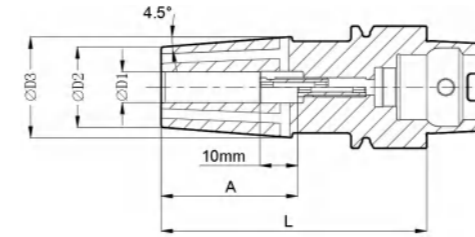
接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
BT50A	BGCBT50AST14130M	14	27	34	130	47	M10	4.15
BT50A	BGCBT50AST14160M	14	27	34	160	47	M10	4.40
BT50A	BGCBT50AST14200M	14	27	34	200	47	M10	4.63
BT50A	BGCBT50AST16100M	16	27	34	100	50	M12	3.91
BT50A	BGCBT50AST16120M	16	27	34	120	50	M12	4.06
BT50A	BGCBT50AST16130M	16	27	34	130	50	M12	4.13
BT50A	BGCBT50AST16160M	16	27	34	160	50	M12	4.38
BT50A	BGCBT50AST16200M	16	27	34	200	50	M12	4.61
BT50A	BGCBT50AST18100M ¹	18	33	42	100	50	M12	4.05
BT50A	BGCBT50AST18120M	18	33	42	120	50	M12	4.20
BT50A	BGCBT50AST18130M	18	33	42	130	50	M12	4.27
BT50A	BGCBT50AST18160M	18	33	42	160	50	M12	4.52
BT50A	BGCBT50AST18200M	18	33	42	200	50	M12	4.75
BT50A	BGCBT50AST20100M ¹	20	33	42	100	52	M12	4.02
BT50A	BGCBT50AST20120M	20	33	42	120	52	M12	4.17
BT50A	BGCBT50AST20130M	20	33	42	130	52	M12	4.24
BT50A	BGCBT50AST20160M	20	33	42	160	52	M12	4.49
BT50A	BGCBT50AST20200M	20	33	42	200	52	M12	4.72
BT50A	BGCBT50AST25100M ¹	25	44	53	100	58	M16	4.27
BT50A	BGCBT50AST25120M	25	44	53	120	58	M16	4.42
BT50A	BGCBT50AST25130M	25	44	53	130	58	M16	4.49
BT50A	BGCBT50AST25160M	25	44	53	160	58	M16	4.74
BT50A	BGCBT50AST25200M	25	44	53	200	58	M16	4.97
BT50A	BGCBT50AST32100M ¹	32	44	53	100	58	M16	4.11
BT50A	BGCBT50AST32120M	32	44	53	120	58	M16	4.26
BT50A	BGCBT50AST32130M	32	44	53	130	58	M16	4.33
BT50A	BGCBT50AST32160M	32	44	53	160	58	M16	4.58
BT50A	BGCBT50AST32200M	32	44	53	200	58	M16	4.81

¹ 无动平衡螺钉孔

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 Umax < 1g·mm
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK32A	BGCHSK32AST03060M ¹	3	10	-	60	9.5	-	0.15	M10*1
HSK32A	BGCHSK32AST04060M ¹	4	10	-	60	12	-	0.15	M10*1
HSK32A	BGCHSK32AST06070M ²	6	21	27	70	36	M5	0.29	M10*1
HSK32A	BGCHSK32AST08070M ²	8	21	27	70	36	M5	0.28	M10*1
HSK32A	BGCHSK32AST10080M ²	10	24	32	80	42	M8	0.29	M10*1

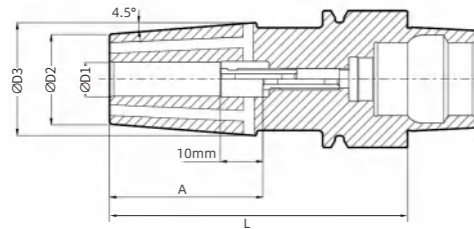
¹ 无过水顶丝, 无动平衡螺钉孔, 夹持孔有细缝, 细缝出水, A 尺寸为最小夹持深度

- ² 无动平衡螺钉孔
- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
 - 可按要求定制其他尺寸和特殊设计
 - 如需单独订购水嘴, 请参照 83 页

¹ Without back up screw, without balance screw holes, the clamping hole has a fine slit, and the thin slit comes out of the water, A is the minimum clamping depth

- ² Without balance screw holes
- Tolerance class of tool shank: h6, for HSS and solid carbide tools
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered separately, please refer to P83

通用型端面出水 / GC HSK32E DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK32E	BGCHSK32EST03060M ¹	3	10	-	60	9.5	-	0.15	M10*1
HSK32E	BGCHSK32EST04060M ¹	4	10	-	60	12	-	0.15	M10*1
HSK32E	BGCHSK32EST06070M ²	6	21	27	70	36	M5	0.29	M10*1
HSK32E	BGCHSK32EST08070M ²	8	21	27	70	36	M5	0.29	M10*1
HSK32E	BGCHSK32EST10080M ²	10	24	32	80	42	M8	0.35	M10*1

¹ 无过水顶丝, 无动平衡螺钉孔, 夹持孔有细缝, 细缝出水, A 尺寸为最小夹持深度

² 无动平衡螺钉孔

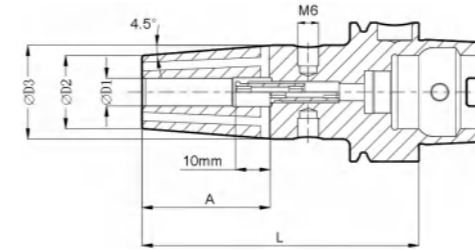
- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

¹ Without back up screw, without balance screw holes, the clamping hole has a fine slit, and the thin slit comes out of the water, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型端面出水 / GC HSK40A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK40A	BGCHSK40AST03060M ¹	3	10	-	60	9.5	-	0.26	M12*1
HSK40A	BGCHSK40AST04060M ¹	4	10	-	60	12	-	0.26	M12*1
HSK40A	BGCHSK40AST06080M	6	21	27	80	36	M5	0.40	M12*1
HSK40A	BGCHSK40AST06120M	6	21	27	120	36	M5	0.57	M12*1
HSK40A	BGCHSK40AST06130M	6	21	27	130	36	M5	0.62	M12*1
HSK40A	BGCHSK40AST08080M	8	21	27	80	36	M6	0.39	M12*1
HSK40A	BGCHSK40AST08120M	8	21	27	120	36	M6	0.56	M12*1
HSK40A	BGCHSK40AST08130M	8	21	27	130	36	M6	0.61	M12*1
HSK40A	BGCHSK40AST10080M ²	10	24	32	80	42	M8	0.45	M12*1
HSK40A	BGCHSK40AST10120M	10	24	32	120	42	M8	0.69	M12*1
HSK40A	BGCHSK40AST10130M	10	24	32	130	42	M8	0.76	M12*1
HSK40A	BGCHSK40AST12090M	12	24	32	90	47	M8	0.43	M12*1
HSK40A	BGCHSK40AST12120M	12	24	32	120	47	M8	0.67	M12*1
HSK40A	BGCHSK40AST12130M	12	24	32	130	47	M8	0.74	M12*1
HSK40A	BGCHSK40AST14090M ²	14	27	34	90	47	M10	0.54	M12*1
HSK40A	BGCHSK40AST16090M ²	16	27	34	90	50	M12	0.52	M12*1

¹ 无过水顶丝, 无动平衡螺钉孔, 夹持孔有细缝, 细缝出水, A 尺寸为最小夹持深度

² 无动平衡螺钉孔

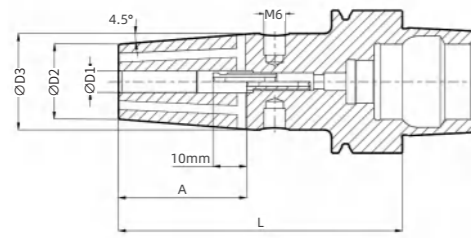
- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

¹ Without back up screw, without balance screw holes, the clamping hole has a fine slit, and the thin slit comes out of the water, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型端面出水 / GC HSK40E DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK40E	BGCHSK40EST03060M ¹	3	10	-	60	9.5	-	0.22	M12*1
HSK40E	BGCHSK40EST04060M ¹	4	10	-	60	12	-	0.22	M12*1
HSK40E	BGCHSK40EST06060M ²	6	22.5	28.7	60	36	-	0.32	M12*1
HSK40E	BGCHSK40EST06080M	6	21	27	80	36	M5	0.41	M12*1
HSK40E	BGCHSK40EST08060M ²	8	22.5	28.7	60	36	-	0.32	M12*1
HSK40E	BGCHSK40EST08080M	8	21	27	80	36	M6	0.41	M12*1
HSK40E	BGCHSK40EST10060M ²	10	26.5	32	60	42	-	0.34	M12*1
HSK40E	BGCHSK40EST10080M ³	10	24	32	80	42	M8	0.45	M12*1
HSK40E	BGCHSK40EST12065M ²	12	26.5	32	65	47	-	0.33	M12*1
HSK40E	BGCHSK40EST12090M	12	24	32	90	47	M8	0.44	M12*1
HSK40E	BGCHSK40EST14070M ²	14	30	33	70	47	-	0.36	M12*1
HSK40E	BGCHSK40EST14090M ³	14	27	34	90	47	M10	0.47	M12*1
HSK40E	BGCHSK40EST16070M ²	16	30	33	70	50	-	0.34	M12*1
HSK40E	BGCHSK40EST16090M ³	16	27	34	90	50	M12	0.45	M12*1

¹ 无过水顶丝, 无动平衡螺钉孔, 夹持孔有细缝, 细缝出水, A 尺寸为最小夹持深度

² 无过水顶丝, 无动平衡螺钉孔

³ 无动平衡螺钉孔

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

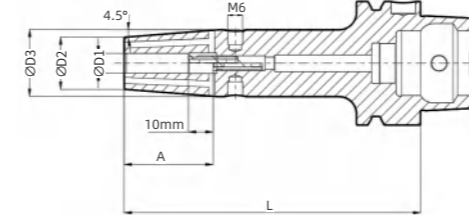
¹ Without back up screw, without balance screw holes, the clamping hole has a fine slit, and the thin slit comes out of the water, A is the minimum clamping depth

² Without back up screw, without balance screw holes

³ Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型端面出水 / GC HSK50A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK50A	BGCHSK50AST03060M ¹	3	10	-	60	9.5	-	0.41	M16*1
HSK50A	BGCHSK50AST04060M ¹	4	10	-	60	12	-	0.41	M16*1
HSK50A	BGCHSK50AST06080M	6	21	27	80	36	M5	0.57	M16*1
HSK50A	BGCHSK50AST06120M	6	21	27	120	36	M5	0.74	M16*1
HSK50A	BGCHSK50AST06130M	6	21	27	130	36	M5	0.78	M16*1
HSK50A	BGCHSK50AST08080M	8	21	27	80	36	M6	0.56	M16*1
HSK50A	BGCHSK50AST08120M	8	21	27	120	36	M6	0.73	M16*1
HSK50A	BGCHSK50AST08130M	8	21	27	130	36	M6	0.77	M16*1
HSK50A	BGCHSK50AST10085M ²	10	24	32	85	42	M8	0.64	M16*1
HSK50A	BGCHSK50AST10120M	10	24	32	120	42	M8	0.85	M16*1
HSK50A	BGCHSK50AST10130M	10	24	32	130	42	M8	0.91	M16*1
HSK50A	BGCHSK50AST12090M	12	24	32	90	47	M8	0.65	M16*1
HSK50A	BGCHSK50AST12120M	12	24	32	120	47	M8	0.83	M16*1

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通用型端面出水 /GC HSK50A DIN 69893

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK50A	BGCHSK50AST12130M	12	24	32	130	47	M8	0.89	M16*1
HSK50A	BGCHSK50AST14090M	14	27	34	90	47	M10	0.70	M16*1
HSK50A	BGCHSK50AST16095M	16	27	34	95	50	M12	0.67	M16*1
HSK50A	BGCHSK50AST16120M	16	27	34	120	50	M12	0.87	M16*1
HSK50A	BGCHSK50AST16130M	16	27	34	130	50	M12	0.94	M16*1

¹ 无过水顶丝，无动平衡螺钉孔，夹持孔有细缝，细缝出水，A 尺寸为最小夹持深度

² 无动平衡螺钉孔

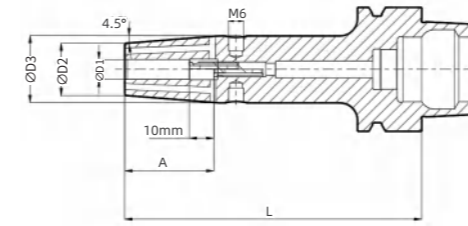
- 刀具柄部公差等级 h6，用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴，请参照 83 页

¹ Without back up screw, without balance screw holes, the clamping hole has a fine slit, and the thin slit comes out of the water, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型端面出水 /GC HSK50E DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 $U_{max} < 1g \cdot mm$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1g \cdot mm$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK50E	BGCHSK50EST03060M ¹	3	10	-	60	9.5	-	0.43	M16*1
HSK50E	BGCHSK50EST04060M ¹	4	10	-	60	12	-	0.43	M16*1
HSK50E	BGCHSK50EST06080M	6	21	27	80	36	M5	0.60	M16*1
HSK50E	BGCHSK50EST06130M	6	21	27	130	36	M5	0.82	M16*1
HSK50E	BGCHSK50EST08080M	8	21	27	80	36	M6	0.58	M16*1
HSK50E	BGCHSK50EST08130M	8	21	27	130	36	M6	0.80	M16*1
HSK50E	BGCHSK50EST10085M ²	10	24	32	85	42	M8	0.67	M16*1
HSK50E	BGCHSK50EST10130M	10	24	32	130	42	M8	0.94	M16*1
HSK50E	BGCHSK50EST12090M	12	24	32	90	47	M8	0.68	M16*1
HSK50E	BGCHSK50EST12130M	12	24	32	130	47	M8	0.92	M16*1
HSK50E	BGCHSK50EST14090M	14	27	34	90	47	M10	0.76	M16*1
HSK50E	BGCHSK50EST14130M	14	27	34	130	47	M10	1.00	M16*1
HSK50E	BGCHSK50EST16095M	16	27	34	95	50	M12	0.73	M16*1
HSK50E	BGCHSK50EST16130M	16	27	34	130	50	M12	0.97	M16*1

¹ 无过水顶丝，无动平衡螺钉孔，夹持孔有细缝，细缝出水，A 尺寸为最小夹持深度

² 无动平衡螺钉孔

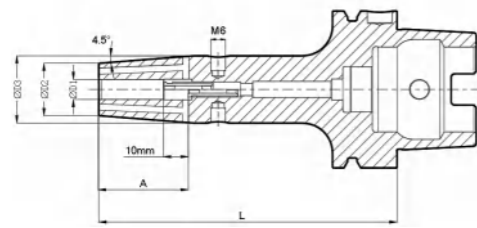
- 刀具柄部公差等级 h6，用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴，请参照 83 页

¹ Without back up screw, without balance screw holes, the clamping hole has a fine slit, and the thin slit comes out of the water, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型端面出水 /GC HSK63A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK63A	BGCHSK63AST03080M ¹	3	10	-	80	9.5	-	0.69	M18*1
HSK63A	BGCHSK63AST04080M ¹	4	10	-	80	12	-	0.68	M18*1
HSK63A	BGCHSK63AST06080M	6	21	27	80	36	M5	0.82	M18*1
HSK63A	BGCHSK63AST06120M	6	21	27	120	36	M5	0.99	M18*1
HSK63A	BGCHSK63AST06130M	6	21	27	130	36	M5	1.03	M18*1
HSK63A	BGCHSK63AST06160M	6	21	27	160	36	M5	1.26	M18*1
HSK63A	BGCHSK63AST06200M	6	21	27	200	36	M5	1.43	M18*1
HSK63A	BGCHSK63AST08080M	8	21	27	80	36	M6	0.81	M18*1
HSK63A	BGCHSK63AST08120M	8	21	27	120	36	M6	0.98	M18*1
HSK63A	BGCHSK63AST08130M	8	21	27	130	36	M6	1.02	M18*1
HSK63A	BGCHSK63AST08160M	8	21	27	160	36	M6	1.25	M18*1
HSK63A	BGCHSK63AST08200M	8	21	27	200	36	M6	1.42	M18*1
HSK63A	BGCHSK63AST10085M ²	10	24	32	85	42	M8	0.89	M18*1
HSK63A	BGCHSK63AST10120M	10	24	32	120	42	M8	1.12	M18*1
HSK63A	BGCHSK63AST10130M	10	24	32	130	42	M8	1.18	M18*1
HSK63A	BGCHSK63AST10160M	10	24	32	160	42	M8	1.41	M18*1
HSK63A	BGCHSK63AST10200M	10	24	32	200	42	M8	1.65	M18*1
HSK63A	BGCHSK63AST12090M	12	24	32	90	47	M8	0.91	M18*1
HSK63A	BGCHSK63AST12120M	12	24	32	120	47	M8	1.11	M18*1
HSK63A	BGCHSK63AST12130M	12	24	32	130	47	M8	1.17	M18*1
HSK63A	BGCHSK63AST12160M	12	24	32	160	47	M8	1.40	M18*1
HSK63A	BGCHSK63AST12200M	12	24	32	200	47	M8	1.64	M18*1

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通用型端面出水 /GC HSK63A DIN 69893

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK63A	BGCHSK63AST14090M	14	27	34	90	47	M10	0.95	M18*1
HSK63A	BGCHSK63AST14120M	14	27	34	120	47	M10	1.17	M18*1
HSK63A	BGCHSK63AST14130M	14	27	34	130	47	M10	1.24	M18*1
HSK63A	BGCHSK63AST14160M	14	27	34	160	47	M10	1.50	M18*1
HSK63A	BGCHSK63AST14200M	14	27	34	200	47	M10	1.77	M18*1
HSK63A	BGCHSK63AST16095M	16	27	34	95	50	M12	0.96	M18*1
HSK63A	BGCHSK63AST16120M	16	27	34	120	50	M12	1.14	M18*1
HSK63A	BGCHSK63AST16130M	16	27	34	130	50	M12	1.21	M18*1
HSK63A	BGCHSK63AST16160M	16	27	34	160	50	M12	1.47	M18*1
HSK63A	BGCHSK63AST16200M	16	27	34	200	50	M12	1.74	M18*1
HSK63A	BGCHSK63AST18095M	18	33	42	95	50	M12	1.13	M18*1
HSK63A	BGCHSK63AST18120M	18	33	42	120	50	M12	1.40	M18*1
HSK63A	BGCHSK63AST18130M	18	33	42	130	50	M12	1.50	M18*1
HSK63A	BGCHSK63AST18160M	18	33	42	160	50	M12	1.82	M18*1
HSK63A	BGCHSK63AST18200M	18	33	42	200	50	M12	2.25	M18*1
HSK63A	BGCHSK63AST20100M	20	33	42	100	52	M12	1.10	M18*1
HSK63A	BGCHSK63AST20120M	20	33	42	120	52	M12	1.37	M18*1
HSK63A	BGCHSK63AST20130M	20	33	42	130	52	M12	1.47	M18*1
HSK63A	BGCHSK63AST20160M	20	33	42	160	52	M12	1.79	M18*1
HSK63A	BGCHSK63AST20200M	20	33	42	200	52	M12	2.22	M18*1
HSK63A	BGCHSK63AST25115M	25	44	53	115	58	M16	1.73	M18*1
HSK63A	BGCHSK63AST25130M	25	44	53	130	58	M16	1.98	M18*1
HSK63A	BGCHSK63AST25160M	25	44	53	160	58	M16	2.49	M18*1
HSK63A	BGCHSK63AST25200M	25	44	53	200	58	M16	3.16	M18*1
HSK63A	BGCHSK63AST32120M	32	44	53	120	58	M16	1.65	M18*1
HSK63A	BGCHSK63AST32160M	32	44	53	160	58	M16	2.33	M18*1
HSK63A	BGCHSK63AST32200M	32	44	53	200	58	M16	3.00	M18*1

¹ 无过水顶丝，无动平衡螺孔，夹持孔有细缝，细缝出水，A 尺寸为最小夹持深度

¹ Without back up screw, without balance screw holes, the clamping hole has a fine slit, and the thin slit comes out of the water, A is the minimum clamping depth

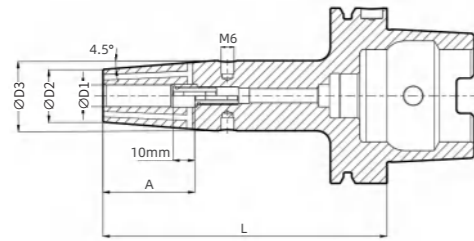
² 无动平衡螺孔

² Without balance screw holes

- 刀具柄部公差等级 h6，用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴，请参照 83 页

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

通用型端面出水 / GC HSK80A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK80A	BGCHSK80AST06085M	6	21	27	85	36	M5	1.24	M20*1.5
HSK80A	BGCHSK80AST06120M	6	21	27	120	36	M5	1.46	M20*1.5
HSK80A	BGCHSK80AST06130M	6	21	27	130	36	M5	1.51	M20*1.5
HSK80A	BGCHSK80AST06160M	6	21	27	160	36	M5	1.73	M20*1.5
HSK80A	BGCHSK80AST06200M	6	21	27	200	36	M5	1.90	M20*1.5
HSK80A	BGCHSK80AST08085M	8	21	27	85	36	M6	1.23	M20*1.5
HSK80A	BGCHSK80AST08120M	8	21	27	120	36	M6	1.45	M20*1.5
HSK80A	BGCHSK80AST08130M	8	21	27	130	36	M6	1.50	M20*1.5
HSK80A	BGCHSK80AST08160M	8	21	27	160	36	M6	1.72	M20*1.5
HSK80A	BGCHSK80AST08200M	8	21	27	200	36	M6	1.89	M20*1.5
HSK80A	BGCHSK80AST10090M	10	24	32	90	42	M8	1.31	M20*1.5
HSK80A	BGCHSK80AST10120M	10	24	32	120	42	M8	1.58	M20*1.5
HSK80A	BGCHSK80AST10130M	10	24	32	130	42	M8	1.64	M20*1.5
HSK80A	BGCHSK80AST10160M	10	24	32	160	42	M8	1.89	M20*1.5
HSK80A	BGCHSK80AST10200M	10	24	32	200	42	M8	2.17	M20*1.5
HSK80A	BGCHSK80AST12095M	12	24	32	95	47	M8	1.33	M20*1.5
HSK80A	BGCHSK80AST12120M	12	24	32	120	47	M8	1.57	M20*1.5
HSK80A	BGCHSK80AST12130M	12	24	32	130	47	M8	1.63	M20*1.5
HSK80A	BGCHSK80AST12160M	12	24	32	160	47	M8	1.88	M20*1.5
HSK80A	BGCHSK80AST12200M	12	24	32	200	47	M8	2.16	M20*1.5
HSK80A	BGCHSK80AST14095M	14	27	34	95	47	M10	1.38	M20*1.5
HSK80A	BGCHSK80AST14120M	14	27	34	120	47	M10	1.64	M20*1.5

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通用型端面出水 / GC HSK80A DIN 69893

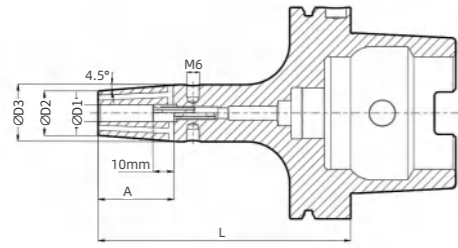
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK80A	BGCHSK80AST14130M	14	27	34	130	47	M10	1.70	M20*1.5
HSK80A	BGCHSK80AST14160M	14	27	34	160	47	M10	1.96	M20*1.5
HSK80A	BGCHSK80AST14200M	14	27	34	200	47	M10	2.30	M20*1.5
HSK80A	BGCHSK80AST16100M	16	27	34	100	50	M12	1.38	M20*1.5
HSK80A	BGCHSK80AST16120M	16	27	34	120	50	M12	1.61	M20*1.5
HSK80A	BGCHSK80AST16130M	16	27	34	130	50	M12	1.67	M20*1.5
HSK80A	BGCHSK80AST16160M	16	27	34	160	50	M12	1.93	M20*1.5
HSK80A	BGCHSK80AST16200M	16	27	34	200	50	M12	2.27	M20*1.5
HSK80A	BGCHSK80AST18100M	18	33	42	100	50	M12	1.56	M20*1.5
HSK80A	BGCHSK80AST18120M	18	33	42	120	50	M12	1.88	M20*1.5
HSK80A	BGCHSK80AST18130M	18	33	42	130	50	M12	1.99	M20*1.5
HSK80A	BGCHSK80AST18160M	18	33	42	160	50	M12	2.29	M20*1.5
HSK80A	BGCHSK80AST18200M	18	33	42	200	50	M12	2.71	M20*1.5
HSK80A	BGCHSK80AST20105M	20	33	42	105	52	M12	1.59	M20*1.5
HSK80A	BGCHSK80AST20120M	20	33	42	120	52	M12	1.86	M20*1.5
HSK80A	BGCHSK80AST20130M	20	33	42	130	52	M12	1.97	M20*1.5
HSK80A	BGCHSK80AST20160M	20	33	42	160	52	M12	2.27	M20*1.5
HSK80A	BGCHSK80AST20200M	20	33	42	200	52	M12	2.69	M20*1.5
HSK80A	BGCHSK80AST25115M	25	44	53	115	58	M16	1.93	M20*1.5
HSK80A	BGCHSK80AST25120M	25	44	53	120	58	M16	2.21	M20*1.5
HSK80A	BGCHSK80AST25130M	25	44	53	130	58	M16	2.42	M20*1.5
HSK80A	BGCHSK80AST25160M	25	44	53	160	58	M16	2.93	M20*1.5
HSK80A	BGCHSK80AST25200M	25	44	53	200	58	M16	3.61	M20*1.5
HSK80A	BGCHSK80AST32120M	32	44	53	120	58	M16	2.05	M20*1.5
HSK80A	BGCHSK80AST32130M	32	44	53	130	58	M16	2.25	M20*1.5
HSK80A	BGCHSK80AST32160M	32	44	53	160	58	M16	2.77	M20*1.5
HSK80A	BGCHSK80AST32200M	32	44	53	200	58	M16	3.45	M20*1.5

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页
- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately, please refer to P83

通用型端面出水 /GC HSK100A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK100A	BGCHSK100AST06085M	6	21	27	85	36	M5	2.17	M24*1.5
HSK100A	BGCHSK100AST06120M	6	21	27	120	36	M5	2.39	M24*1.5
HSK100A	BGCHSK100AST06130M	6	21	27	130	36	M5	2.44	M24*1.5
HSK100A	BGCHSK100AST06160M	6	21	27	160	36	M5	2.66	M24*1.5
HSK100A	BGCHSK100AST06200M	6	21	27	200	36	M5	2.83	M24*1.5
HSK100A	BGCHSK100AST08085M	8	21	27	85	36	M6	2.16	M24*1.5
HSK100A	BGCHSK100AST08120M	8	21	27	120	36	M6	2.38	M24*1.5
HSK100A	BGCHSK100AST08130M	8	21	27	130	36	M6	2.43	M24*1.5
HSK100A	BGCHSK100AST08160M	8	21	27	160	36	M6	2.65	M24*1.5
HSK100A	BGCHSK100AST08200M	8	21	27	200	36	M6	2.82	M24*1.5
HSK100A	BGCHSK100AST10090M	10	24	32	90	42	M8	2.24	M24*1.5
HSK100A	BGCHSK100AST10120M	10	24	32	120	42	M8	2.51	M24*1.5
HSK100A	BGCHSK100AST10130M	10	24	32	130	42	M8	2.57	M24*1.5
HSK100A	BGCHSK100AST10160M	10	24	32	160	42	M8	2.82	M24*1.5
HSK100A	BGCHSK100AST10200M	10	24	32	200	42	M8	3.10	M24*1.5
HSK100A	BGCHSK100AST12095M	12	24	32	95	47	M8	2.26	M24*1.5
HSK100A	BGCHSK100AST12120M	12	24	32	120	47	M8	2.50	M24*1.5
HSK100A	BGCHSK100AST12130M	12	24	32	130	47	M8	2.56	M24*1.5
HSK100A	BGCHSK100AST12160M	12	24	32	160	47	M8	2.81	M24*1.5
HSK100A	BGCHSK100AST12200M	12	24	32	200	47	M8	3.09	M24*1.5
HSK100A	BGCHSK100AST14095M	14	27	34	95	47	M10	2.31	M24*1.5
HSK100A	BGCHSK100AST14120M	14	27	34	120	47	M10	2.57	M24*1.5

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通用型端面出水 /GC HSK100A DIN 69893

> 技术参数 | Technical parameters

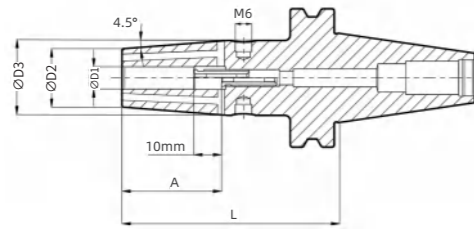
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK100A	BGCHSK100AST14130M	14	27	34	130	47	M10	2.63	M24*1.5
HSK100A	BGCHSK100AST14160M	14	27	34	160	47	M10	2.89	M24*1.5
HSK100A	BGCHSK100AST14200M	14	27	34	200	47	M10	3.23	M24*1.5
HSK100A	BGCHSK100AST16100M	16	27	34	100	50	M12	2.31	M24*1.5
HSK100A	BGCHSK100AST16120M	16	27	34	120	50	M12	2.54	M24*1.5
HSK100A	BGCHSK100AST16130M	16	27	34	130	50	M12	2.60	M24*1.5
HSK100A	BGCHSK100AST16160M	16	27	34	160	50	M12	2.86	M24*1.5
HSK100A	BGCHSK100AST16200M	16	27	34	200	50	M12	3.20	M24*1.5
HSK100A	BGCHSK100AST18100M	18	33	42	100	50	M12	2.49	M24*1.5
HSK100A	BGCHSK100AST18120M	18	33	42	120	50	M12	2.81	M24*1.5
HSK100A	BGCHSK100AST18130M	18	33	42	130	50	M12	2.92	M24*1.5
HSK100A	BGCHSK100AST18160M	18	33	42	160	50	M12	3.22	M24*1.5
HSK100A	BGCHSK100AST18200M	18	33	42	200	50	M12	3.64	M24*1.5
HSK100A	BGCHSK100AST20105M	20	33	42	105	52	M12	2.52	M24*1.5
HSK100A	BGCHSK100AST20120M	20	33	42	120	52	M12	2.79	M24*1.5
HSK100A	BGCHSK100AST20130M	20	33	42	130	52	M12	2.90	M24*1.5
HSK100A	BGCHSK100AST20160M	20	33	42	160	52	M12	3.20	M24*1.5
HSK100A	BGCHSK100AST20200M	20	33	42	200	52	M12	3.62	M24*1.5
HSK100A	BGCHSK100AST25115M	25	44	53	115	58	M16	2.86	M24*1.5
HSK100A	BGCHSK100AST25120M	25	44	53	120	58	M16	3.14	M24*1.5
HSK100A	BGCHSK100AST25130M	25	44	53	130	58	M16	3.35	M24*1.5
HSK100A	BGCHSK100AST25160M	25	44	53	160	58	M16	3.86	M24*1.5
HSK100A	BGCHSK100AST25200M	25	44	53	200	58	M16	4.54	M24*1.5
HSK100A	BGCHSK100AST32120M	32	44	53	120	58	M16	2.98	M24*1.5
HSK100A	BGCHSK100AST32130M	32	44	53	130	58	M16	3.19	M24*1.5
HSK100A	BGCHSK100AST32160M	32	44	53	160	58	M16	3.70	M24*1.5
HSK100A	BGCHSK100AST32200M	32	44	53	200	58	M16	4.37	M24*1.5

- 刀具柄部公差等级 h6，用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴，请参照 83 页

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately, please refer to P83

通用型端面出水 / GC SK30A DIN 69871



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
SK30A	BGCSK30AST03060M ¹	3	10	-	60	9.5	-	0.39
SK30A	BGCSK30AST04060M ¹	4	10	-	60	12	-	0.39
SK30A	BGCSK30AST06080M	6	21	27	80	36	M5	0.57
SK30A	BGCSK30AST08080M	8	21	27	80	36	M6	0.56
SK30A	BGCSK30AST10080M	10	24	32	80	42	M8	0.62
SK30A	BGCSK30AST12080M	12	24	32	80	47	M8	0.60
SK30A	BGCSK30AST16080M	16	27	32.1	80	50	M12	0.61

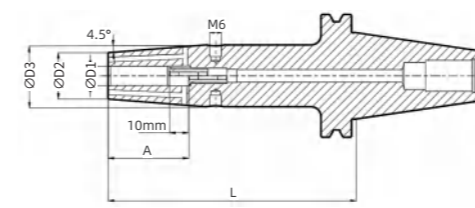
¹ 无过水顶丝, 无动平衡螺钉孔, 夹持孔有细缝, 细缝出水, A 尺寸为最小夹持深度

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without back up screw, without balance screw holes, the clamping hole has a fine slit, and the thin slit comes out of the water, A is the minimum clamping depth

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request

通用型端面出水 / GC SK40A DIN 69871



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L1	A	过水顶丝 Back up screw	重量 m (kg)
SK40A	BGCSK40AST03080M ¹	3	10	-	80	9.5	-	0.87
SK40A	BGCSK40AST04080M ¹	4	10	-	80	12	-	0.87
SK40A	BGCSK40AST06080M	6	21	27	80	36	M5	1.01
SK40A	BGCSK40AST06120M	6	21	27	120	36	M5	1.19
SK40A	BGCSK40AST06130M	6	21	27	130	36	M5	1.23
SK40A	BGCSK40AST06160M	6	21	27	160	36	M5	1.45
SK40A	BGCSK40AST06200M	6	21	27	200	36	M5	1.62
SK40A	BGCSK40AST08080M	8	21	27	80	36	M6	1.01
SK40A	BGCSK40AST08120M	8	21	27	120	36	M6	1.19
SK40A	BGCSK40AST08130M	8	21	27	130	36	M6	1.23
SK40A	BGCSK40AST08160M	8	21	27	160	36	M6	1.45
SK40A	BGCSK40AST08200M	8	21	27	200	36	M6	1.62
SK40A	BGCSK40AST10080M	10	24	32	80	42	M8	1.06
SK40A	BGCSK40AST10120M	10	24	32	120	42	M8	1.31
SK40A	BGCSK40AST10130M	10	24	32	130	42	M8	1.37
SK40A	BGCSK40AST10160M	10	24	32	160	42	M8	1.61
SK40A	BGCSK40AST10200M	10	24	32	200	42	M8	1.85
SK40A	BGCSK40AST12080M	12	24	32	80	47	M8	1.05
SK40A	BGCSK40AST12120M	12	24	32	120	47	M8	1.31
SK40A	BGCSK40AST12130M	12	24	32	130	47	M8	1.36
SK40A	BGCSK40AST12160M	12	24	32	160	47	M8	1.60
SK40A	BGCSK40AST12200M	12	24	32	200	47	M8	1.84

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通用型端面出水 / GC SK40A DIN 69871

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
SK40A	BGCSK40AST14080M	14	27	34	80	47	M10	1.09
SK40A	BGCSK40AST14120M	14	27	34	120	47	M10	1.36
SK40A	BGCSK40AST14130M	14	27	34	130	47	M10	1.43
SK40A	BGCSK40AST14160M	14	27	34	160	47	M10	1.70
SK40A	BGCSK40AST14200M	14	27	34	200	47	M10	1.98
SK40A	BGCSK40AST16080M	16	27	34	80	50	M12	1.06
SK40A	BGCSK40AST16120M	16	27	34	120	50	M12	1.33
SK40A	BGCSK40AST16130M	16	27	34	130	50	M12	1.40
SK40A	BGCSK40AST16160M	16	27	34	160	50	M12	1.67
SK40A	BGCSK40AST16200M	16	27	34	200	50	M12	1.97
SK40A	BGCSK40AST18080M ²	18	33	42	80	50	M12	1.20
SK40A	BGCSK40AST18120M	18	33	42	120	50	M12	1.62
SK40A	BGCSK40AST18130M	18	33	42	130	50	M12	1.73
SK40A	BGCSK40AST18160M	18	33	42	160	50	M12	2.04
SK40A	BGCSK40AST18200M	18	33	42	200	50	M12	2.47
SK40A	BGCSK40AST20080M ²	20	33	42	80	52	M12	1.17
SK40A	BGCSK40AST20120M	20	33	42	120	52	M12	1.59
SK40A	BGCSK40AST20130M	20	33	42	130	52	M12	1.70
SK40A	BGCSK40AST20160M	20	33	42	160	52	M12	2.01
SK40A	BGCSK40AST20200M	20	33	42	200	52	M12	2.44
SK40A	BGCSK40AST25100M	25	44	53	100	58	M16	1.71
SK40A	BGCSK40AST25120M	25	44	53	120	58	M16	2.05
SK40A	BGCSK40AST25130M	25	44	53	130	58	M16	2.22
SK40A	BGCSK40AST25160M	25	44	53	160	58	M16	2.73
SK40A	BGCSK40AST25200M	25	44	53	200	58	M16	3.40
SK40A	BGCSK40AST32100M	32	44	53	100	58	M16	1.68
SK40A	BGCSK40AST32120M	32	44	53	120	58	M16	2.02
SK40A	BGCSK40AST32130M	32	44	53	130	58	M16	2.19

¹ 无过水顶丝，无动平衡螺钉孔，夹持孔有细缝，细缝出水，A 尺寸为最小夹持深度

² 无动平衡螺钉孔

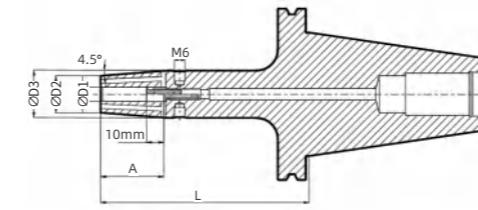
- 刀具柄部公差等级 h6，用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without back up screw, without balance screw holes, the clamping hole has a fine slit, and the thin slit comes out of the water, A is the minimum clamping depth

² Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request

通用型端面出水 / GC SK50A DIN 69871



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时，平衡质量等级达到 G2.5 或 Umax < 1g·mm
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
SK50A	BGCSK50AST06080M	6	21	27	80	36	M5	2.84
SK50A	BGCSK50AST06120M	6	21	27	120	36	M5	3.03
SK50A	BGCSK50AST06130M	6	21	27	130	36	M5	3.07
SK50A	BGCSK50AST06160M	6	21	27	160	36	M5	3.35
SK50A	BGCSK50AST06200M	6	21	27	200	36	M5	3.52
SK50A	BGCSK50AST08080M	8	21	27	80	36	M6	2.84
SK50A	BGCSK50AST08120M	8	21	27	120	36	M6	3.03
SK50A	BGCSK50AST08130M	8	21	27	130	36	M6	3.07
SK50A	BGCSK50AST08160M	8	21	27	160	36	M6	3.35
SK50A	BGCSK50AST08200M	8	21	27	200	36	M6	3.52
SK50A	BGCSK50AST10080M	10	24	32	80	42	M8	2.99
SK50A	BGCSK50AST10120M	10	24	32	120	42	M8	3.15
SK50A	BGCSK50AST10130M	10	24	32	130	42	M8	3.21
SK50A	BGCSK50AST10160M	10	24	32	160	42	M8	3.45
SK50A	BGCSK50AST10200M	10	24	32	200	42	M8	3.69
SK50A	BGCSK50AST12080M	12	24	32	80	47	M8	2.99
SK50A	BGCSK50AST12120M	12	24	32	120	47	M8	3.15
SK50A	BGCSK50AST12130M	12	24	32	130	47	M8	3.21
SK50A	BGCSK50AST12160M	12	24	32	160	47	M8	3.45
SK50A	BGCSK50AST12200M	12	24	32	200	47	M8	3.69
SK50A	BGCSK50AST14080M	14	27	34	80	47	M10	2.92
SK50A	BGCSK50AST14120M	14	27	34	120	47	M10	3.20

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通用型端面出水 /GC SK50A DIN 69871

通用型端面出水 /GC PSC63A ISO 26623

> 技术参数 | Technical parameters

单位 | Unit: mm

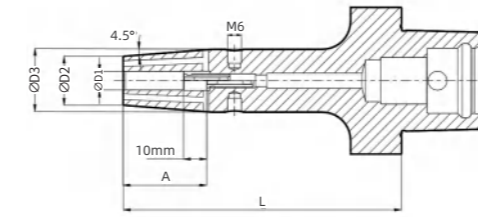
接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
SK50A	BGCSK50AST14130M	14	27	34	130	47	M10	3.27
SK50A	BGCSK50AST14160M	14	27	34	160	47	M10	3.54
SK50A	BGCSK50AST14200M	14	27	34	200	47	M10	3.82
SK50A	BGCSK50AST16080M	16	27	34	80	50	M12	2.92
SK50A	BGCSK50AST16120M	16	27	34	120	50	M12	3.20
SK50A	BGCSK50AST16130M	16	27	34	130	50	M12	3.27
SK50A	BGCSK50AST16160M	16	27	34	160	50	M12	3.54
SK50A	BGCSK50AST16200M	16	27	34	200	50	M12	3.82
SK50A	BGCSK50AST18080M ¹	18	33	42	80	50	M12	3.04
SK50A	BGCSK50AST18120M	18	33	42	120	50	M12	3.46
SK50A	BGCSK50AST18130M	18	33	42	130	50	M12	3.57
SK50A	BGCSK50AST18160M	18	33	42	160	50	M12	3.98
SK50A	BGCSK50AST18200M	18	33	42	200	50	M12	4.31
SK50A	BGCSK50AST20080M ¹	20	33	42	80	52	M12	3.02
SK50A	BGCSK50AST20120M	20	33	42	120	52	M12	3.44
SK50A	BGCSK50AST20130M	20	33	42	130	52	M12	3.55
SK50A	BGCSK50AST20160M	20	33	42	160	52	M12	3.97
SK50A	BGCSK50AST20200M	20	33	42	200	52	M12	4.29
SK50A	BGCSK50AST25100M	25	44	53	100	58	M16	3.45
SK50A	BGCSK50AST25120M	25	44	53	120	58	M16	3.83
SK50A	BGCSK50AST25130M	25	44	53	130	58	M16	4.00
SK50A	BGCSK50AST25160M	25	44	53	160	58	M16	4.57
SK50A	BGCSK50AST25200M	25	44	53	200	58	M16	5.25
SK50A	BGCSK50AST32100M	32	44	53	100	58	M16	3.42
SK50A	BGCSK50AST32120M	32	44	53	120	58	M16	3.80
SK50A	BGCSK50AST32130M	32	44	53	130	58	M16	3.97
SK50A	BGCSK50AST32160M	32	44	53	160	58	M16	4.54
SK50A	BGCSK50AST32200M	32	44	53	200	58	M16	5.22

¹ 无动平衡螺钉孔

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 Umax < 1g·mm
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
PSC63A	BGCPSC63AST06080M	6	21	27	80	36	M5	0.95
PSC63A	BGCPSC63AST06100M	6	21	27	100	36	M5	1.03
PSC63A	BGCPSC63AST06120M	6	21	27	120	36	M5	1.19
PSC63A	BGCPSC63AST06130M	6	21	27	130	36	M5	1.23
PSC63A	BGCPSC63AST06160M	6	21	27	160	36	M5	1.59
PSC63A	BGCPSC63AST08080M	8	21	27	80	36	M6	0.95
PSC63A	BGCPSC63AST08100M	8	21	27	100	36	M6	1.03
PSC63A	BGCPSC63AST08120M	8	21	27	120	36	M6	1.19
PSC63A	BGCPSC63AST08130M	8	21	27	130	36	M6	1.23
PSC63A	BGCPSC63AST08160M	8	21	27	160	36	M6	1.59
PSC63A	BGCPSC63AST10080M ¹	10	24	32	80	42	M8	1.10
PSC63A	BGCPSC63AST10100M	10	24	32	100	42	M8	1.18
PSC63A	BGCPSC63AST10120M	10	24	32	120	42	M8	1.34
PSC63A	BGCPSC63AST10130M	10	24	32	130	42	M8	1.38
PSC63A	BGCPSC63AST10160M	10	24	32	160	42	M8	1.74
PSC63A	BGCPSC63AST12080M ¹	12	24	32	80	47	M8	1.09
PSC63A	BGCPSC63AST12100M	12	24	32	100	47	M8	1.17
PSC63A	BGCPSC63AST12120M	12	24	32	120	47	M8	1.33
PSC63A	BGCPSC63AST12130M	12	24	32	130	47	M8	1.37
PSC63A	BGCPSC63AST12160M	12	24	32	160	47	M8	1.73
PSC63A	BGCPSC63AST14085M	14	27	34	85	47	M10	1.25
PSC63A	BGCPSC63AST14100M	14	27	34	100	47	M10	1.33

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通用型端面出水 / GC PSC63A ISO 26623

> 技术参数 | Technical parameters

单位 | Unit: mm

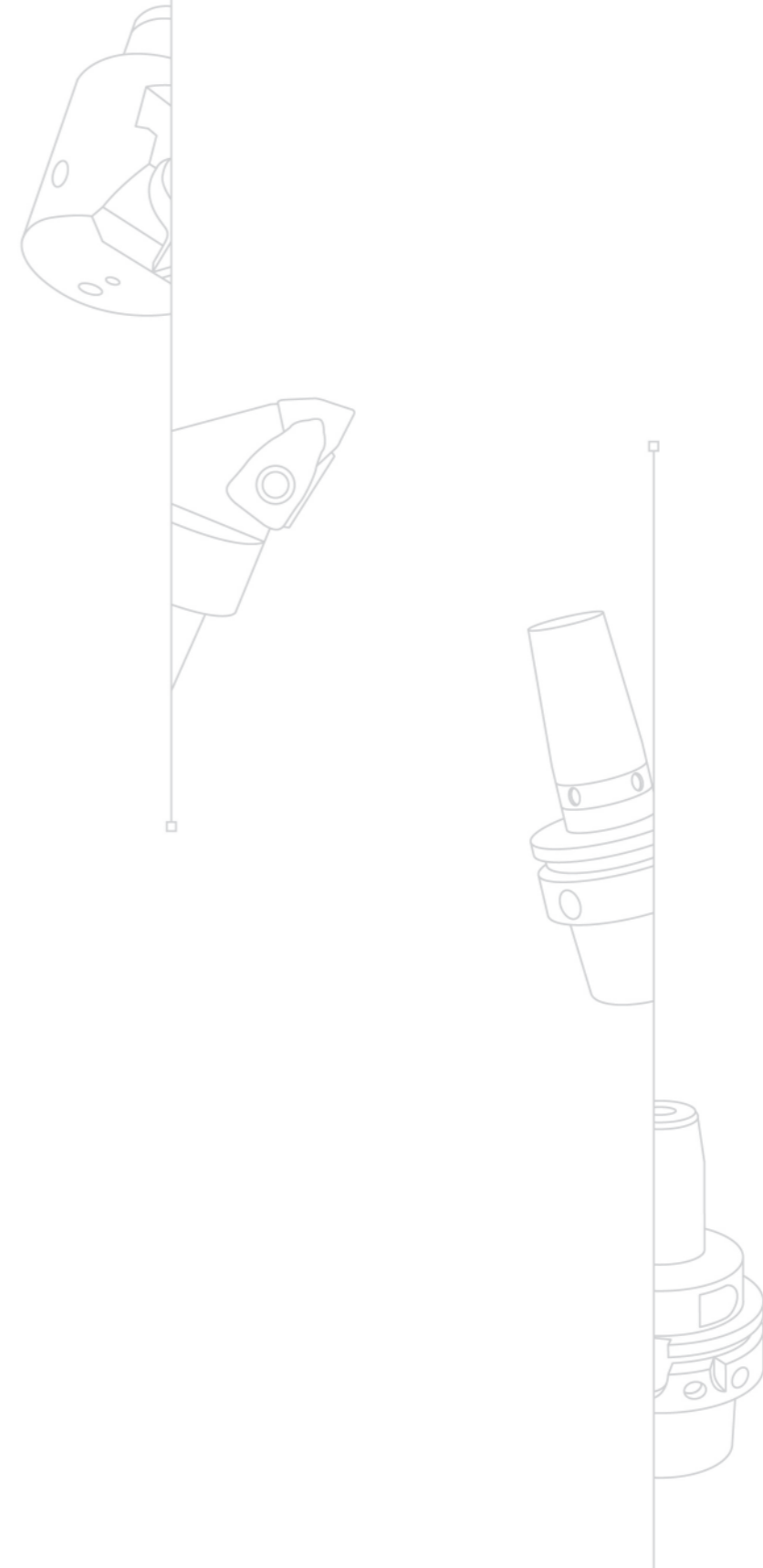
接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
PSC63A	BGCPSC63AST14120M	14	27	34	120	47	M10	1.49
PSC63A	BGCPSC63AST14130M	14	27	34	130	47	M10	1.53
PSC63A	BGCPSC63AST14160M	14	27	34	160	47	M10	1.89
PSC63A	BGCPSC63AST16085M	16	27	34	85	50	M12	1.22
PSC63A	BGCPSC63AST16100M	16	27	34	100	50	M12	1.30
PSC63A	BGCPSC63AST16120M	16	27	34	120	50	M12	1.46
PSC63A	BGCPSC63AST16130M	16	27	34	130	50	M12	1.50
PSC63A	BGCPSC63AST16160M	16	27	34	160	50	M12	1.86
PSC63A	BGCPSC63AST18085M ¹	18	33	42	85	50	M12	1.19
PSC63A	BGCPSC63AST18100M	18	33	42	100	50	M12	1.33
PSC63A	BGCPSC63AST18130M	18	33	42	130	50	M12	1.71
PSC63A	BGCPSC63AST18160M	18	33	42	160	50	M12	1.97
PSC63A	BGCPSC63AST20085M ¹	20	33	42	85	52	M12	1.16
PSC63A	BGCPSC63AST20100M	20	33	42	100	52	M12	1.30
PSC63A	BGCPSC63AST20120M	20	33	42	120	52	M12	1.58
PSC63A	BGCPSC63AST20130M	20	33	42	130	52	M12	1.68
PSC63A	BGCPSC63AST20160M	20	33	42	160	52	M12	1.94
PSC63A	BGCPSC63AST25090M ¹	25	44	53	90	58	M16	1.50
PSC63A	BGCPSC63AST25120M	25	44	53	120	58	M16	2.01
PSC63A	BGCPSC63AST25130M	25	44	53	130	58	M16	2.19
PSC63A	BGCPSC63AST25160M	25	44	53	160	58	M16	2.74
PSC63A	BGCPSC63AST32095M	32	44	53	95	58	M16	1.43
PSC63A	BGCPSC63AST32130M	32	44	53	130	58	M16	2.02
PSC63A	BGCPSC63AST32160M	32	44	53	160	58	M16	2.58

¹ 无动平衡螺钉孔

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request



通用型安全锁热装刀柄
GENERAL PURPOSE & SAFE LOCK



01

热装刀柄自带螺纹平衡孔，可直接装配平衡螺钉进行动平衡调整

The shrink-fit chuck has a thread balance hole, which can be directly assembled with a balance screw for dynamic balance adjustment

02

通用型基础上增加安全锁结构,适用于难加工材料切削

Add safe lock structure on the basis of general purpose type, suitable for cutting difficult-to-machine materials

03

可承受高扭矩

Withstand high torque

04

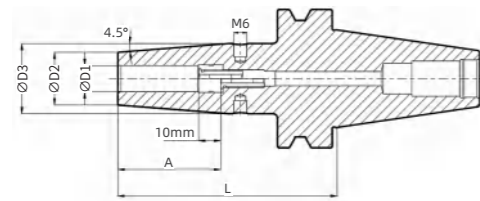
金属去除率更高

Higher metal removal rate

HAIMER 翰默
Safe-Lock 授权书



通用型安全锁 /SC BT40A JIS B6339



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1\text{g}\cdot\text{mm}$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

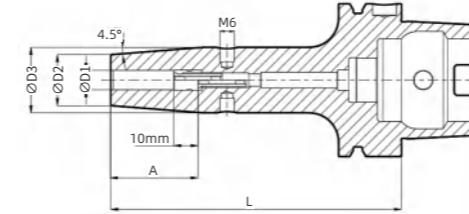
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
BT40A	BSCBT40AST06090M	6	21	27	90	40	M5	1.20
BT40A	BSCBT40AST08090M	8	21	27	90	40	M6	1.18
BT40A	BSCBT40AST10090M	10	24	32	90	45	M8	1.25
BT40A	BSCBT40AST12090M	12	24	32	90	44	M8	1.23
BT40A	BSCBT40AST14090M	14	27	34	90	44	M10	1.28
BT40A	BSCBT40AST16090M	16	27	34	90	46	M12	1.26
BT40A	BSCBT40AST18090M	18	33	42	90	48	M12	1.40
BT40A	BSCBT40AST20090M	20	33	42	90	48	M12	1.38
BT40A	BSCBT40AST25100M	25	44	53	100	56	M16	1.8
BT40A	BSCBT40AST32100M	32	44	53	100	58	M16	1.78

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request

通用型安全锁 /SC HSK63A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1\text{g}\cdot\text{mm}$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1\text{g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

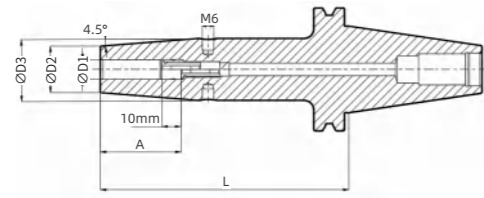
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)	水嘴 Nozzle
HSK63A	BSCHSK63AST06080M	6	21	27	80	40	M5	0.82	M18*1
HSK63A	BSCHSK63AST08080M	8	21	27	80	40	M6	0.81	M18*1
HSK63A	BSCHSK63AST10085M ¹	10	24	32	85	45	M8	0.89	M18*1
HSK63A	BSCHSK63AST12090M	12	24	32	90	44	M8	0.91	M18*1
HSK63A	BSCHSK63AST14090M	14	27	34	90	44	M10	0.95	M18*1
HSK63A	BSCHSK63AST16095M	16	27	34	95	46	M12	0.96	M18*1
HSK63A	BSCHSK63AST18095M	18	33	42	95	48	M12	1.13	M18*1
HSK63A	BSCHSK63AST20100M	20	33	42	100	48	M12	1.10	M18*1
HSK63A	BSCHSK63AST25115M	25	44	53	115	56	M16	1.73	M18*1
HSK63A	BSCHSK63AST32120M	32	44	53	120	58	M16	1.65	M18*1

- ¹ 无动平衡螺钉孔
- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

- ¹ Without balance screw holes
- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately, please refer to P83

通用型安全锁 / SK40A DIN 69871



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$
- 带轴向长度调节

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$
- With adjustable axial length

> 技术参数 | Technical parameters

单位 | Unit: mm

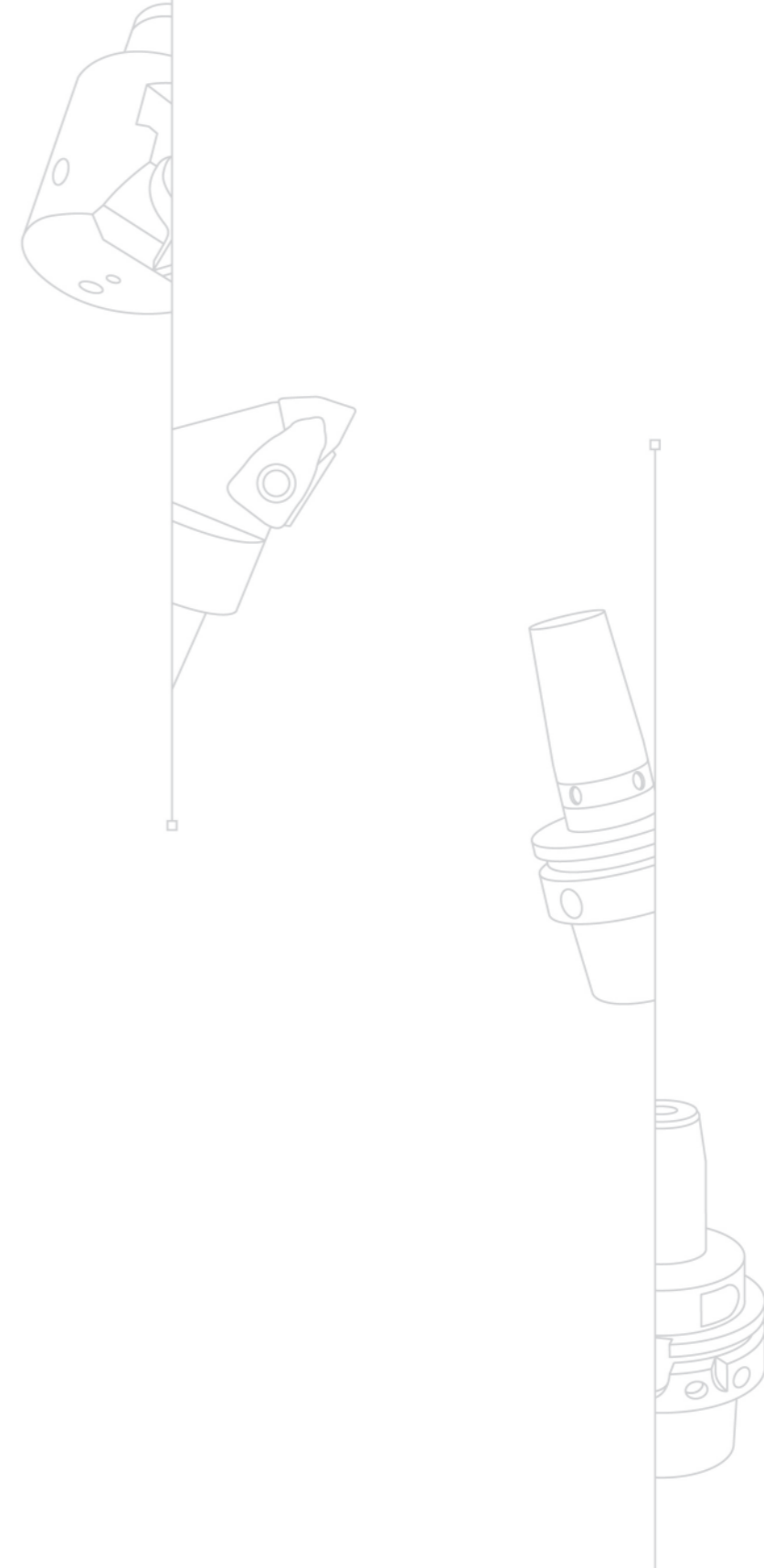
接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	过水顶丝 Back up screw	重量 m (kg)
SK40A	BSCSK40AST06080M	6	21	27	80	40	M5	1.03
SK40A	BSCSK40AST08080M	8	21	27	80	40	M6	1.03
SK40A	BSCSK40AST10080M	10	24	32	80	45	M8	1.08
SK40A	BSCSK40AST12080M	12	24	32	80	44	M8	1.07
SK40A	BSCSK40AST14080M	14	27	34	80	44	M10	1.11
SK40A	BSCSK40AST16080M	16	27	34	80	46	M12	1.08
SK40A	BSCSK40AST18080M ¹	18	33	42	80	48	M12	1.22
SK40A	BSCSK40AST20080M ¹	20	33	42	80	48	M12	1.19
SK40A	BSCSK40AST25100M	25	44	53	100	56	M16	1.73
SK40A	BSCSK40AST32100M	32	44	53	100	58	M16	1.70

¹ 无动平衡螺钉孔

- 刀具柄部公差等级 h6, 用于高速钢和硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

¹ Without balance screw holes

- Tolerance class of tool shank: h6, for HSS and solid carbide tools
- Additional sizes and special designs available on request



模具型热装刀柄
DIE & MOLD



01

适用高速切削，深腔加工

Suitable for high-speed cutting and deep cavity processing

02

低振动

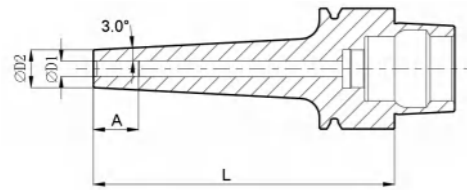
Low vibration

03

细长外形，良好的避让尺寸

Slender shape, good avoidance size

模具型 /DM HSK32E DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$

> 技术参数 | Technical parameters

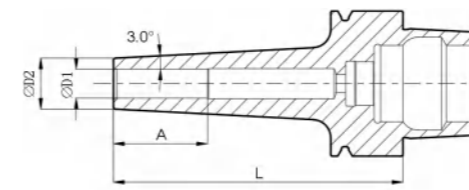
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	重量 m (kg)	水嘴 Nozzle
HSK32E	BDMHSK32EST03060M	3	9	60	46	0.14	M10*1
HSK32E	BDMHSK32EST03080M	3	9	80	66	0.16	M10*1
HSK32E	BDMHSK32EST04060M	4	10	60	43	0.14	M10*1
HSK32E	BDMHSK32EST04080M	4	10	80	63	0.16	M10*1
HSK32E	BDMHSK32EST06060M	6	12	60	43	0.16	M10*1
HSK32E	BDMHSK32EST06080M	6	12	80	63	0.19	M10*1
HSK32E	BDMHSK32EST08060M	8	14	60	38	0.16	M10*1
HSK32E	BDMHSK32EST08080M	8	14	80	38	0.19	M10*1
HSK32E	BDMHSK32EST10060M	10	16	60	42	0.20	M10*1
HSK32E	BDMHSK32EST10080M	10	16	80	48	0.22	M10*1
HSK32E	BDMHSK32EST12060M	12	18	60	42	0.20	M10*1
HSK32E	BDMHSK32EST12080M	12	18	80	48	0.22	M10*1

- 无动平衡螺钉孔
- 刀具柄部公差等级 h6, 用于硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

- Without balance screw holes
- Tolerance class of tool shank: h6, for solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

模具型 /DM HSK40E DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$

> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	重量 m (kg)	水嘴 Nozzle
HSK40E	BDMHSK40EST03060M	3	9	60	-	0.21	M12*1
HSK40E	BDMHSK40EST03070M	3	9	70	-	0.22	M12*1
HSK40E	BDMHSK40EST03080M	3	9	80	-	0.23	M12*1
HSK40E	BDMHSK40EST04060M	4	10	60	-	0.21	M12*1
HSK40E	BDMHSK40EST04070M	4	10	70	-	0.22	M12*1
HSK40E	BDMHSK40EST04080M	4	10	80	-	0.23	M12*1
HSK40E	BDMHSK40EST06060M	6	12	60	41	0.23	M12*1
HSK40E	BDMHSK40EST06070M	6	12	70	51	0.25	M12*1
HSK40E	BDMHSK40EST06080M	6	12	80	61	0.26	M12*1
HSK40E	BDMHSK40EST08060M	8	14	60	41	0.23	M12*1
HSK40E	BDMHSK40EST08070M	8	14	70	51	0.25	M12*1
HSK40E	BDMHSK40EST08080M	8	14	80	61	0.26	M12*1

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模具型 /DM HSK40E DIN 69893

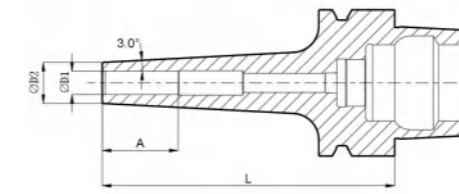
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	重量 m (kg)	水嘴 Nozzle
HSK40E	BDMHSK40EST10060M	10	16	60	42	0.26	M12*1
HSK40E	BDMHSK40EST10070M	10	16	70	48	0.28	M12*1
HSK40E	BDMHSK40EST10080M	10	16	80	48	0.29	M12*1
HSK40E	BDMHSK40EST12060M	12	18	60	41.5	0.28	M12*1
HSK40E	BDMHSK40EST12070M	12	18	70	48	0.30	M12*1
HSK40E	BDMHSK40EST12080M	12	18	80	48	0.31	M12*1

- 无动平衡螺钉孔
- 刀具柄部公差等级 h6, 用于硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页
- Without balance screw holes
- Tolerance class of tool shank: h6, for solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately, please refer to P83

模具型 /DM HSK50E DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 Umax < 1g·mm
- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm

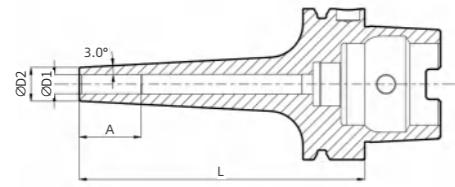
> 技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	重量 m (kg)	水嘴 Nozzle
HSK50E	BDMHSK50EST03070M	3	9	70	-	0.43	M16*1
HSK50E	BDMHSK50EST03080M	3	9	80	-	0.44	M16*1
HSK50E	BDMHSK50EST04070M	4	10	70	-	0.43	M16*1
HSK50E	BDMHSK50EST04080M	4	10	80	-	0.44	M16*1
HSK50E	BDMHSK50EST06070M	6	12	70	-	0.46	M16*1
HSK50E	BDMHSK50EST06080M	6	12	80	-	0.47	M16*1
HSK50E	BDMHSK50EST06100M	6	12	100	-	0.50	M16*1
HSK50E	BDMHSK50EST08070M	8	14	70	48	0.49	M16*1
HSK50E	BDMHSK50EST08080M	8	14	80	48	0.50	M16*1
HSK50E	BDMHSK50EST08100M	8	14	100	48	0.53	M16*1
HSK50E	BDMHSK50EST10070M	10	16	70	48	0.51	M16*1
HSK50E	BDMHSK50EST10080M	10	16	80	48	0.52	M16*1
HSK50E	BDMHSK50EST10100M	10	16	100	48	0.55	M16*1
HSK50E	BDMHSK50EST12070M	12	18	70	48	0.53	M16*1
HSK50E	BDMHSK50EST12080M	12	18	80	48	0.54	M16*1
HSK50E	BDMHSK50EST12100M	12	18	100	48	0.57	M16*1

- 无动平衡螺钉孔
- 刀具柄部公差等级 h6, 用于硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页
- Without balance screw holes
- Tolerance class of tool shank: h6, for solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately, please refer to P83

模具型 /DM HSK63A DIN 69893



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$

> 技术参数 | Technical parameters

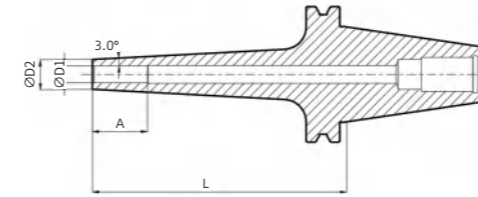
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	重量 m (kg)	水嘴 Nozzle
HSK63A	BDMHSK63AST03120M	3	9	120	-	0.73	M18*1
HSK63A	BDMHSK63AST04120M	4	10	120	-	0.75	M18*1
HSK63A	BDMHSK63AST06120M	6	12	120	-	0.78	M18*1
HSK63A	BDMHSK63AST08120M	8	14	120	-	0.81	M18*1
HSK63A	BDMHSK63AST10120M	10	16	120	68	0.85	M18*1
HSK63A	BDMHSK63AST12120M	12	18	120	75	0.88	M18*1
HSK63A	BDMHSK63AST16120M	16	24	120	75	1.01	M18*1

- 无动平衡螺钉孔
- 刀具柄部公差等级 h6, 用于硬质合金刀具
- 可按要求定制其他尺寸和特殊设计
- 如需单独订购水嘴, 请参照 83 页

- Without balance screw holes
- Tolerance class of tool shank: h6, for solid carbide tools
- Additional sizes and special designs available on request
- Nozzle need to be ordered separately, please refer to P83

模具型 /DM SK40A DIN 69871



- 跳动精度 < 0.003mm
- 转速为 25,000rpm 时, 平衡质量等级达到 G2.5 或 $U_{max} < 1 \text{ g}\cdot\text{mm}$

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or $U_{max} < 1 \text{ g}\cdot\text{mm}$

> 技术参数 | Technical parameters

单位 | Unit: mm

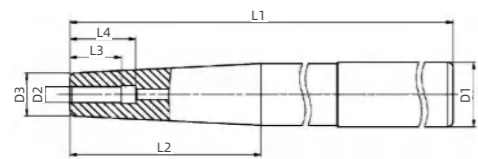
接口 Coupling	订货号 Ordering code	D1	D2	L	A	重量 m (kg)
SK40A	BDMSK40AST03120M	3	9	120	-	0.93
SK40A	BDMSK40AST04120M	4	10	120	-	0.95
SK40A	BDMSK40AST06120M	6	12	120	-	0.97
SK40A	BDMSK40AST08120M	8	14	120	-	1.01
SK40A	BDMSK40AST10120M	10	16	120	-	1.01
SK40A	BDMSK40AST12120M	12	18	120	-	1.10
SK40A	BDMSK40AST16120M	16	24	120	75	1.25

- 无动平衡螺钉孔
- 刀具柄部公差等级 h6, 用于硬质合金刀具
- 可按要求定制其他尺寸和特殊设计

- Without balance screw holes
- Tolerance class of tool shank: h6, for solid carbide tools
- Additional sizes and special designs available on request

热装延长杆

Shrink Fit Extension



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	D1	D2	D3	L1	L2	L3	L4
ST12-SFE03-160M	12	3	8	160	33.4	9	-
ST12-SFE04-160M	12	4	8	160	33.4	12	-
ST16-SFE03-160M	16	3	10	160	52.5	9	-
ST16-SFE04-160M	16	4	10	160	52.5	12	-
ST16-SFE05-160M	16	5	10	160	52.5	15	-
ST16-SFE06-160M	16	6	10	160	52.5	20	36
ST20-SFE05-160M	20	5	14	160	52.5	15	-
ST20-SFE06-160M	20	6	14	160	52.5	20	36
ST20-SFE08-160M	20	8	14	160	52.5	26	36
ST25-SFE08-160M	25	8	20	160	42.9	26	36
ST25-SFE10-160M	25	10	20	160	42.9	32	42
ST25-SFE12-160M	25	12	20	160	42.9	37	47
ST32-SFE10-160M	32	10	27	160	42.9	32	42
ST32-SFE12-160M	32	12	27	160	42.9	37	47
ST32-SFE16-160M	32	16	27	160	42.9	40	50
ST32-SFE20-160M	32	20	27	160	42.9	42	52

热装机命名方式

Shrink Fit Naming And Coding Rules



01 设备名称 Product name		02 品牌名称 Brand		03 机器类型 Machine Type	
热装机	Shrink Fit	百斯图	SofTool	基础款	Basic
04 加热范围 Diameter Range			05 制式 Format		
夹持孔直径 3-32mm			Diameter 3-32mm		
			公制		
			Metric		

热装机 Shrink Fit



● 智慧型 Wisdom



● 智能型 Intelligent

> 技术参数 | Technical parameters

单位 | Unit: mm

	智慧型 Wisdom	智能型 Intelligent
主电源 Mains voltage	3*380V 25A 15kw	220V-240V 12.5A 5Kw
刀具 Tools	钨钢 Solid carbide	钨钢、高速钢 Solid carbide / High speed
刀具直径 Tool diameter	Φ3-Φ32mm	φ3-φ20mm
尺寸 (长×宽×高) Dimensions (L×W×H)	500*580*1000mm	540×400×780mm
重量 Weight	40kg	25kg
附件 Accessories	含一个支撑座, 一个支撑盘, 四个止动盘 Contains a support base, one support discs, four stop discs	含一个支撑座, 一个支撑盘, 一套定位卡簧, 一个热装机拆刀钳, 一双热装机隔热手套 Contains a support base, one holder conversion sleeve, one locating circlip, one disassembling pincer, one insulated gloves
订货号 Ordering code	SFB00BS0332M	SFB01BS0320M

> 备件 | Accessory

支撑盘 Support Discs	接口 Coupling
SF_CGB40_M	BT40/SK40
SF_CGH63_M	HSK63

- 配合热装刀柄使用, 用于刀具的装夹及更换
- 针对所有刀具的标准热缩设备

- Used with shrink chuck for clamping and replacement of tools
- Standard shrinking equipment for all tools

热装机冷却系统 Cooling System NEW!



> 技术参数 | Technical parameters

单位 | Unit: mm

热装刀柄冷却系统 Cooling System	
主电源 Mains voltage	220-240V 2.7A 1.08Kw
刀柄内孔直径 Chuck diameter	Φ3-Φ32mm
尺寸 (长×宽×高) Dimensions (L×W×H)	500*670*700mm
重量 Weight	40kg
附件 Accessories	含一个支撑座, 一个支撑盘, 五个冷却套, 一个冷却转换套 It includes one support base, one support disks, five cooling sleeves, and one cooling converter sleeve
订货号 Ordering code	CSHY010332M

> 备件 | Accessory

支撑盘 Support Discs	接口 Coupling
CS_CGB40_M	BT40/SK40
CS_CGH63_M	HSK63

- 配合热装机使用, 用于刀柄的冷却
- 针对本公司产品, 冷却套匹配本公司出品刀柄的外形
- 快速冷却刀柄, 刀柄不与冷却介质接触, 延长刀柄寿命
- 模具型热装刀柄需要配套模具型刀柄转换套使用

- Used with shrink-fit machine for cooling of the tool holders
- For our products, the cooling sleeve matches the shape of the tool holders produced by SofTool
- Quick cooling for the holders without contacting with cooling medium, prolonging the holder's service life
- For the die & mold type of shrink chuck, it is necessary to match corresponding converter sleeves

MQL 微润滑刀柄

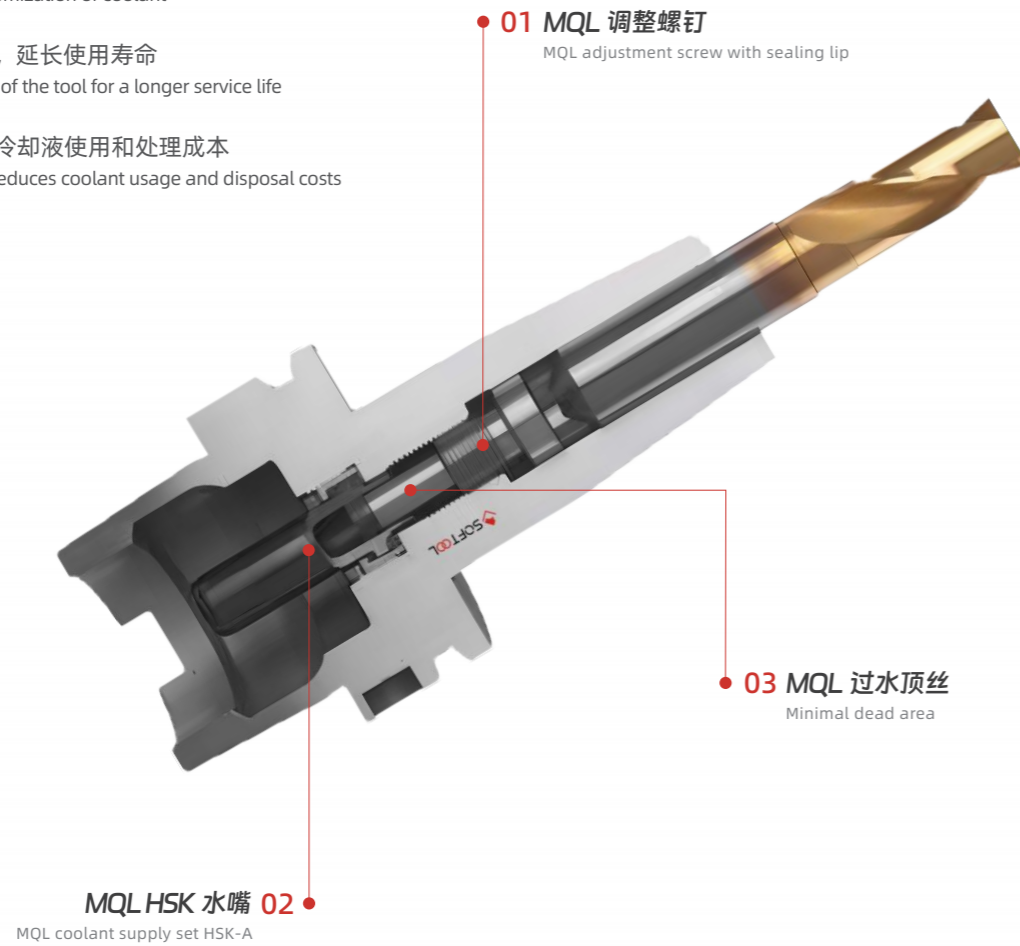
MQL Micro-Lubricated Tool Holders

NEW!

MQL 单通道刀柄

MQL single-channel tool holders

- › 冷却液高压雾化
High-pressure atomization of coolant
- › 刀具充分冷却，延长使用寿命
Sufficient cooling of the tool for a longer service life
- › 微量冷却减少冷却液使用和处理成本
Minimal cooling reduces coolant usage and disposal costs



01 MQL 调整螺钉

MQL adjustment screw with sealing lip

MQL HSK 水嘴 02

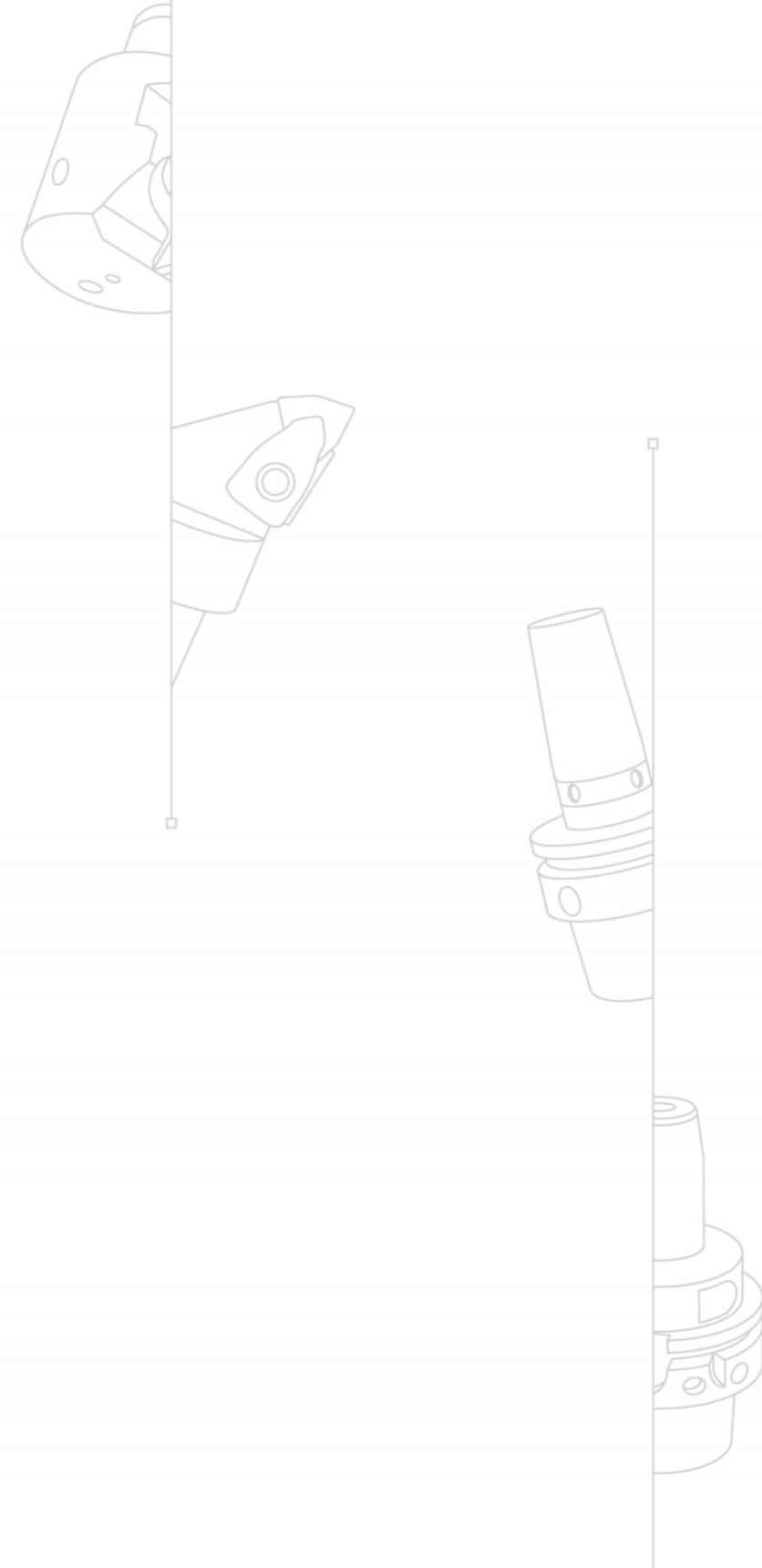
MQL coolant supply set HSK-A

03 MQL 过水顶丝

Minimal dead area

- 冷却液用量大大减少，以较小冷却介质的消耗实现较大的冷却效果，提高刀具寿命，降低生产成本
- 绿色生产，冷却润滑剂微量供应，改善加工环境，达到环境和健康保护作用

- The amount of coolant is greatly reduced, and the consumption of less cooling medium achieves a greater cooling effect and improves the tool's lifespan, reduce production costs
- Green production, micro-supply of cooling lubricants, improve the processing environment, and achieve environmental and health protection



SofTool Manufacturing Co., Ltd.

镗刀

BORING TOOLS

· 是刀具 更是艺术 ·
TOOLING ALSO ARTS



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命名方式 Naming And Coding Rules



01 镗刀类型 Boring Tools Type	
BRA	粗镗刀 A 系列 A Series Rough Boring Tools
BRB	粗镗刀 B 系列 B Series Rough Boring Tools
BFA	精镗刀 A 系列 A Series Fine Boring Tools
BFB	精镗刀 B 系列 B Series Fine Boring Tools
BFC	精镗刀 C 系列 C Series Fine Boring Tools

02 直径范围 Processing range				
BRA	BRB	BFA	BFB	BFC
025035	160215	020025	160230	053057
035045	215270	025032	215285	063070
045055	270350	032042	270365	074083
055070	350430	042055	350445	
070085	430510	055070	430525	
085105		070100		
105130		100160		
130160				

03 刀片 Insert					
CC06	CN12	SC09	SN12	TC06	TB06
CC09	CN16	SC12	SN15	TC09	TP08
CC12	CN19			TC11	TP09
				TC1102 ¹	
				TC16	
				TC22	

¹ 02 特殊刀片厚度 Special insert thickness

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
ROUGH-BORING BRA SERIES

01

适用于 $\Phi 25$ - $\Phi 160$ mm的孔径加工
Apply to $\Phi 25$ - $\Phi 160$ mm aperture machining

03

合金钢底座配合特殊表面处理提高了刀体的刚性及耐磨性

Alloy steel tool body with special surface treatment improves the rigidity and wear resistance

02

加工孔径公差 ± 0.05

Machining aperture tolerance ± 0.05 mm

04

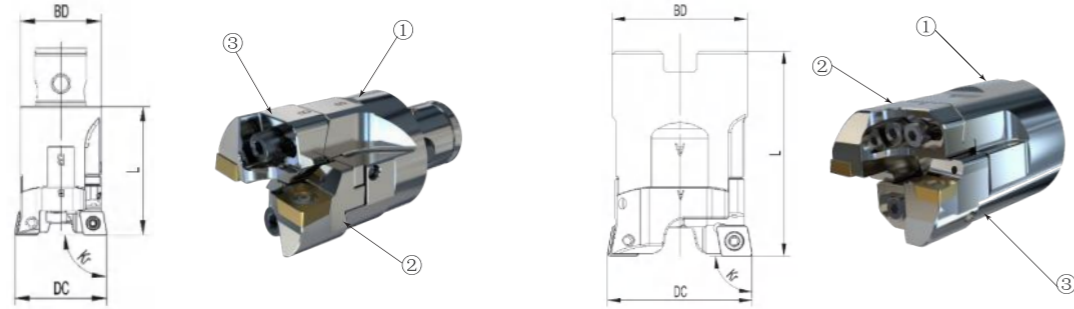
滑块式刀夹装载ISO刀片，市场通用性好

The sliding cartridge equipped with ISO inserts is with good market versatility



BRA-CC 系列

BRA-CC series



类型 1 | Type 1

类型 2 | Type 2

- 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	接口 Coupling	
	Min.	Max.	Adj.	L	BD	Kr	KG		Form	Type
BRA-025035-CC06-S-CKB2	25	35	5	35	22	90	0.10	CC.. 060204	CKB2	1
BRA-035045-CC09-S-CKB3	35	45	5	40	31	90	0.22	CC.. 09T308	CKB3	1
BRA-045055-CC09-S-A22A	45	55	5	65	42	90	0.47	CC.. 09T308	ARB-22A	2
BRA-055070-CC12-S-A22A	55	70	7.5	68	42	90	0.64	CC.. 120408	ARB-22A	2
BRA-070085-CC12-S-A32A	70	85	7.5	78	63	90	1.25	CC.. 120408	ARB-32A	2
BRA-085105-CC12-S-A32A	85	105	10	78	63	90	1.60	CC.. 120408	ARB-32A	2
BRA-105130-CC12-S-A32A	105	130	12.5	78	63	90	2.13	CC.. 120408	ARB-32A	2
BRA-130160-CC12-S-A32A	130	160	15	78	63	90	2.67	CC.. 120408	ARB-32A	2

> 备件 | Accessory

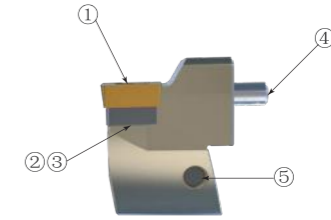
产品型号 Product ID	①	②	③				
	刀座 Adapto	滑块式刀夹 A Sliding Cartridge A	滑块式刀夹 B Sliding Cartridge B	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	锁紧螺钉扳手 Key(Adj.)
BRA-025035-CC06-S-CKB2	BPRA-CKB2-025024	BPRA-SL-CC06-S-OA	BPRA-SL-CC06-S-OB	242.070.35	-	241.025.56	241.013.40
BRA-035045-CC09-S-CKB3	BPRA-CKB3-035026	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
- 关于 BRA 系列刀座请参阅 P187

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P187 for BRA series Adaptor

BRA-CC 系列滑块式刀夹

BRA-CC Series Sliding Cartridge



- CCMT CCGT CCGX CCET CCMW
- 刀片仅做示意

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

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BRA-CC 系列滑块式刀夹

BRA-CC Series Sliding Cartridge

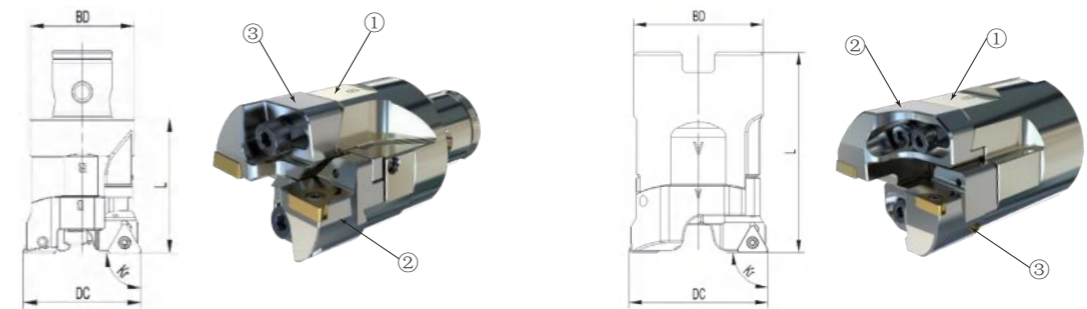
产品型号 Product ID	备件 Accessory					单独订购 Purchase Separately		
	① 刀片螺钉 Screw(Insert)	② 刀垫 Shim	③ 刀片螺钉 Screw(Insert)	④ 弹性销 Cotter	⑤ 调整螺钉 Screw(Adj.)			
BPRA-SL-CC06-S-OA	SFS-2565	-	-	179.015.08	-	242.070.35	-	-
BPRA-SL-CC06-S-OB	SFS-2565	-	-	179.015.08	-	242.070.35	-	-
BPRA-SL-CC09-S-PA	SFS 3581	-	-	179.025.08	-	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



类型 1 | Type 1

类型 2 | Type 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	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	TC.. 110308	CKB3	1
BRA-045055-TC11-S-A22A	45	55	5	65	42	90	0.47	TC.. 110308	A22A	2
BRA-055070-TC16-S-A22A	55	70	7.5	68	42	90	0.64	TC.. 16T308	A22A	2
BRA-070085-TC16-S-A32A	70	85	7.5	78	63	90	1.25	TC.. 16T308	A32A	2
BRA-085105-TC16-S-A32A	85	105	10	78	63	90	1.60	TC.. 16T308	A32A	2
BRA-105130-TC16-S-A32A	105	130	12.5	78	63	90	2.13	TC.. 16T308	A32A	2
BRA-130160-TC16-S-A32A	130	160	15	78	63	90	2.67	TC.. 16T308	A32A	2

备件 | Accessory

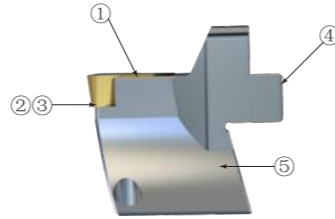
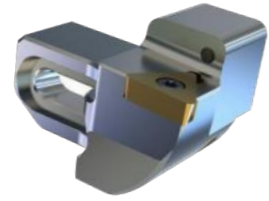
产品型号 Product ID	①	②	③				
	刀座 Adapto	滑块式刀夹 A Sliding Cartridge A	滑块式刀夹 B Sliding Cartridge B	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRA-035045-TC11-S-CKB3	BPRA-CKB3-035026	BPRA-SL-TC11-S-PA	BPRA-SL-TC11-S-PB	242.070.35	-	241.030.63	246.015.60
BRA-045055-TC11-S-A22A	BPRA-A22A-045046	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
- 关于 BRA 系列刀座请参阅 P187

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P187 for 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	TC.. 110308	S
BPRA-SL-TC11-S-PB	35-45	TC.. 110308	S
BPRA-SL-TC11-S-QA	45-55	TC.. 110308	S
BPRA-SL-TC11-S-QB	45-55	TC.. 110308	S
BPRA-SL-TC16-S-RA	55-70	TC.. 16T308	S
BPRA-SL-TC16-S-RB	55-70	TC.. 16T308	S
BPRA-SL-TC16-S-SA	70-85	TC.. 16T308	S
BPRA-SL-TC16-S-SB	70-85	TC.. 16T308	S
BPRA-SL-TC16-S-TA	85-105	TC.. 16T308	S
BPRA-SL-TC16-S-TB	85-105	TC.. 16T308	S
BPRA-SL-TC16-S-UA	105-130	TC.. 16T308	S
BPRA-SL-TC16-S-UB	105-130	TC.. 16T308	S
BPRA-SL-TC16-S-VA	130-160	TC.. 16T308	S
BPRA-SL-TC16-S-VB	130-160	TC.. 16T308	S

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BRA-TC 系列滑块式刀夹

BRA-TC Series Sliding Cartridge

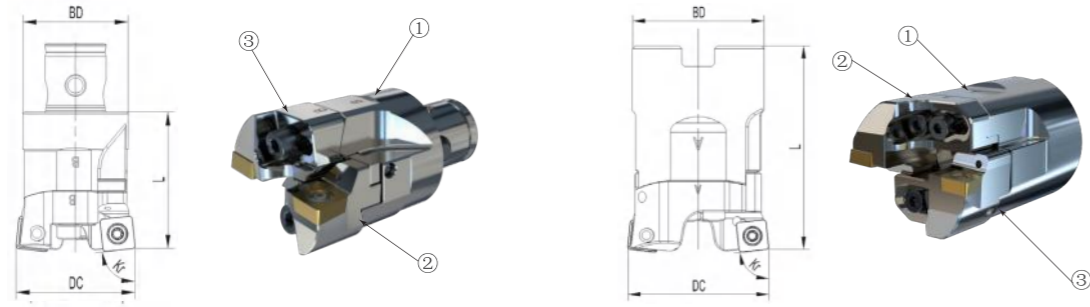
产品型号 Product ID	备件 Accessory					单独订购 Purchase Separately		
	① 刀片螺钉 Screw(Insert)	② 刀垫 Shim	③ 刀片螺钉 Screw(Insert)	④ 弹性销 Cotter	⑤ 调整螺钉 Screw(Adj.)	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	调整螺钉扳手 Key(Adj.)
BPRA-SL-TC11-S-PA	SFS-2565	-	-	1179.025.08	-	242.070.35	-	-
BPRA-SL-TC11-S-PB	SFS-2565	-	-	179.025.08	-	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



类型 1 | Type 1

类型 2 | Type 2

- 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	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	SC.. 09T308	CKB3	1
BRA-045055-SC09-S-A22A	45	55	5	65	42	84	0.47	SC.. 09T308	A22A	2
BRA-055070-SC12-S-A22A	55	70	7.5	68	42	84	0.64	SC.. 120408	A22A	2
BRA-070085-SC12-S-A32A	70	85	7.5	78	63	84	1.25	SC.. 120408	A32A	2
BRA-085105-SC12-S-A32A	85	105	10	78	63	84	1.6	SC.. 120408	A32A	2
BRA-105130-SC12-S-A32A	105	130	12.5	78	63	84	2.13	SC.. 120408	A32A	2
BRA-130160-SC12-S-A32A	130	160	15	78	63	84	2.67	SC.. 120408	A32A	2

备件 | Accessory

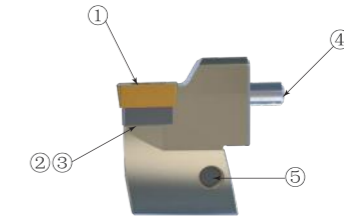
产品型号 Product ID	①	②	③				
	刀座 Adapto	滑块式刀夹 A Sliding Cartridge A	滑块式刀夹 B Sliding Cartridge B	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRA-035045-SC09-S-CKB3	BPRA-CKB3-035026	BPRA-SL-SC09-S-PA	BBPRA-SL-SC09-S-PB	248.150.10	-	241.030.63	246.015.60
BRA-045055-SC09-S-A22A	BPRA-A22A-045046	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 P187

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P187 for BRA series Adapto

BRA-SC 系列滑块式刀夹

BRA-SC Series Sliding Cartridge



- SCMT SCGX SCMW
- 刀片仅做示意

- SCMT SCGX SCMW
- 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-SC09-S-PA	35-45	SC.. 09T308	S
BPRA-SL-SC09-S-PB	35-45	SC.. 09T308	S
BPRA-SL-SC09-S-QA	45-55	SC.. 09T308	S
BPRA-SL-SC09-S-QB	45-55	SC.. 09T308	S
BPRA-SL-SC12-S-RA	55-70	SC.. 120408	S
BPRA-SL-SC12-S-RB	55-70	SC.. 120408	S
BPRA-SL-SC12-S-SA	70-85	SC.. 120408	S
BPRA-SL-SC12-S-SB	70-85	SC.. 120408	S
BPRA-SL-SC12-S-TA	85-105	SC.. 120408	S
BPRA-SL-SC12-S-TB	85-105	SC.. 120408	S
BPRA-SL-SC12-S-UA	105-130	SC.. 120408	S
BPRA-SL-SC12-S-UB	105-130	SC.. 120408	S
BPRA-SL-SC12-S-VA	130-160	SC.. 120408	S
BPRA-SL-SC12-S-VB	130-160	SC.. 120408	S

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BRA-SC 系列滑块式刀夹

BRA-SC Series Sliding Cartridge

产品型号 Product ID	备件 Accessory					单独订购 Purchase Separately		
	①	②	③	④	⑤			
	刀片螺钉 Screw(Insert)	刀垫 Shim	刀片螺钉 Screw(Insert)	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

产品型号 Product ID	备件 Accessory					单独订购 Purchase Separately	
	①	②	③	④	⑤		
	螺钉 Screw(Lock)	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
ROUGH-BORING BRB SERIES

01

适用于Φ160-Φ510mm的孔径加工
Apply to Φ 160- Φ 510mm aperture machining

03

航空铝桥架具有较轻的重量可减少主轴负载

Aviation aluminum bridge with less weight can reduce the spindle load

05

可进行轴向及径向双向调节
Bidirectional adjustment in axial and radial is available

02

加工孔径公差±0.05
Machining hole diameter tolerance ± 0.05

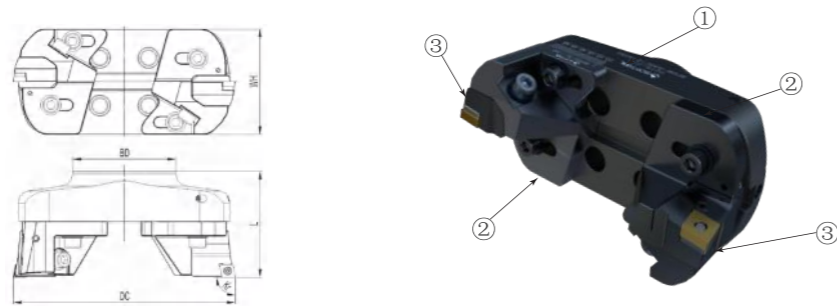
04

刀夹装载ISO刀片，市场通用性好
The cartridge equipped with ISO inserts is with good market versatility



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	CC.. 120408	S	A40C
BRB-215270-CC12-S-A40C	215	270	27.5	105	100	104	90	5.00	CC.. 120408	S	A40C

> 备件 | Accessory

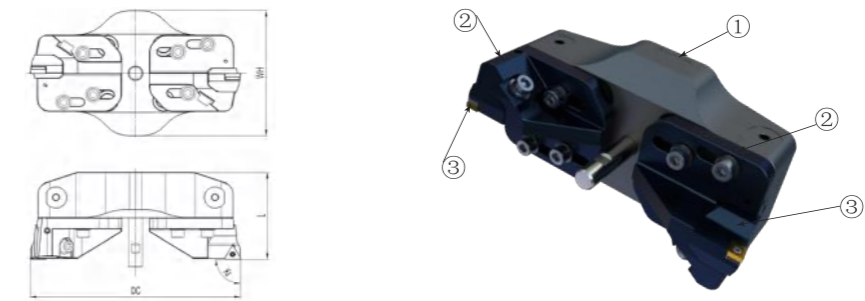
产品型号 Product ID	①	②	③				
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-160215-CC12-S-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-CC12-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-215270-CC12-S-A40C	BPDB-A40C-215050	BPRB-SL-160	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 P213
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P213 for BRB series Bridge Adaptor
- Please refer to P215 for BRB series Sliding

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-270350-CC12-S-A60C	270	350	40	115	-	140	90	7.8	CC.. 120408	S	A60C
BRB-350430-CC12-S-A60C	350	430	40	120	-	140	90	9.4	CC.. 120408	S	A60C
BRB-430510-CC12-S-A60C	430	510	40	125	-	140	90	11.1	CC.. 120408	S	A60C

> 备件 | Accessory

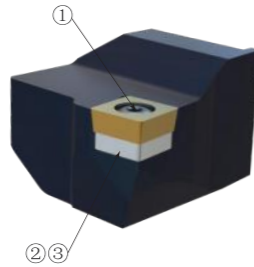
产品型号 Product ID	①	②	③				
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-270350-CC12-S-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-CC12-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-350430-CC12-S-A60C	BPDB-A60C-350065	BPRB-SL-270	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 P213
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P213 for BRB series Bridge Adaptor
- Please refer to P215 for BRB series Sliding

BRB-CC-S 系列刀夹

BRB-CC-S Series Cartridge



- CCMT CCGT CCGX CCET CCMW
- 刀片仅做示意

- 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	刀片 Insert	夹紧方式 Coupling
BPRB-CA-CC12-S	CC..120408	S

备件 | Accessory

单独订购 | Purchase Separately

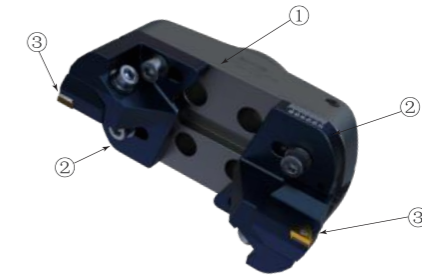
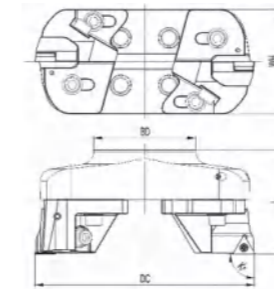
产品型号 Product ID	①	②	③	刀片螺钉扳手 Key(Insert)
	刀片螺钉 Screw(Insert)	刀垫 Shim	刀垫螺钉 Screw(Shim)	
BPRB-CA-CC12-S	ILD 4014	322.232.02	512.090.03	248.150.10

- 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	TC.. 16T308	S	A40C
BRB-215270-TC16-S-A40C	215	270	27.5	105	100	104	90	5.00	TC.. 16T308	S	A40C
BRB-160215-TC22-S-A40C	160	215	27.5	105	100	104	90	4.39	TC.. 220408	S	A40C
BRB-215270-TC22-S-A40C	215	270	27.5	105	100	104	90	5.00	TC.. 220408	S	A40C

> 备件 | Accessory

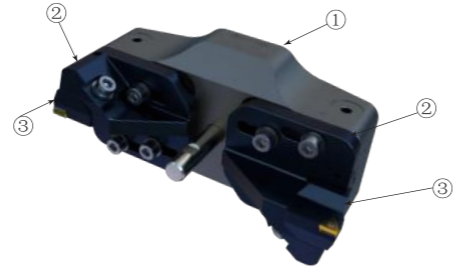
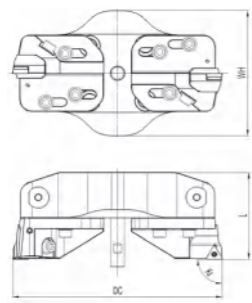
产品型号 Product ID	①	②	③	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge				
BRB-160215-TC16-S-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-TC16-S	248.150.10	241.035.65	241.080.00	246.030.60
BRB-215270-TC16-S-A40C	BPDB-A40C-215050	BPRB-SL-160	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
- 关于 BRB 系列桥架式刀座请参阅 P213
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P213 for BRB series Bridge Adaptor
- Please refer to P215 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	TC..16T308	S	A60C
BRB-350430-TC16-S-A60C	350	430	40	120	-	140	90	9.4	TC..16T308	S	A60C
BRB-430510-TC16-S-A60C	430	510	40	125	-	140	90	11.1	TC..16T308	S	A60C
BRB-270350-TC22-S-A60C	270	350	40	115	-	140	90	7.8	TC..220408	S	A60C
BRB-350430-TC22-S-A60C	350	430	40	120	-	140	90	9.4	TC..220408	S	A60C
BRB-430510-TC22-S-A60C	430	510	40	125	-	140	90	11.1	TC..220408	S	A60C

> 备件 | Accessory

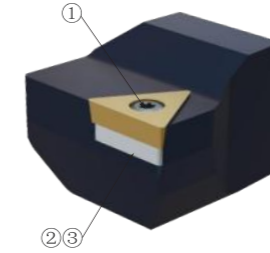
产品型号 Product ID	①	②	③				
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	锁紧螺钉扳手 Key(Adj.)
BRB-270350-TC16-S-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-TC16-S	248.150.10	241.035.65	241.080.00	246.030.60
BRB-350430-TC16-S-A60C	BPDB-A60C-350065	BPRB-SL-270	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
- 关于 BRB 系列桥架式刀座请参阅 P214
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P214 for BRB series Bridge Adaptor
- Please refer to P215 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 Coupling
BPRB-CA-TC16-S	TC..16T308	S
BPRB-CA-TC22-S	TC..220408	S

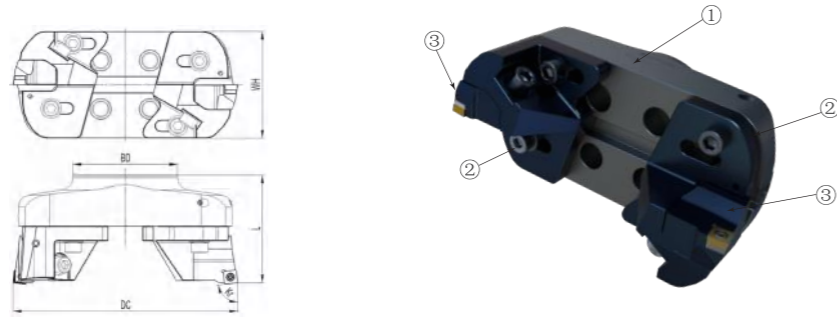
产品型号 Product ID	备件 Accessory			单独订购 Purchase Separately
	① 刀片螺钉 Screw(Insert)	② 刀垫 Shim	③ 刀垫螺钉 Screw(Shim)	 刀片螺钉扳手 Key(Insert)
BPRB-CA-TC16-S	SFS_3512	322.320.01	512.090.01	248.150.10
BPRB-CA-TC22-S	ILD 4014	322.320.02	512.090.03	248.150.10

- 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	SC.. 120408	S	A40C
BRB-215270-SC12-S-A40C	215	270	27.5	105	100	104	84	5.00	SC.. 120408	S	A40C

> 备件 | Accessory

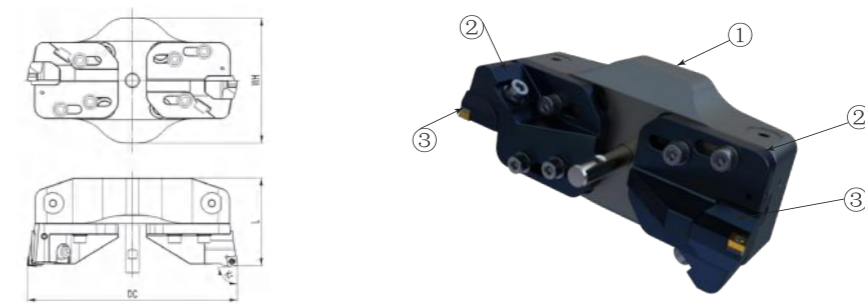
产品型号 Product ID	①	②	③				
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-160215-SC12-S-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-SC12-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-215270-SC12-S-A40C	BPDB-A40C-215050	BPRB-SL-160	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
- 关于 BRB 系列桥架式刀座请参阅 P213
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P213 for BRB series Bridge Adaptor
- Please refer to P215 for BRB series Sliding

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-270350-SC12-S-A60C	270	350	40	115	-	140	84	7.8	SC.. 120408	S	A60C
BRB-350430-SC12-S-A60C	350	430	40	120	-	140	84	9.4	SC.. 120408	S	A60C
BRB-430510-SC12-S-A60C	430	510	40	125	-	140	84	11.1	SC.. 120408	S	A60C

> 备件 | Accessory

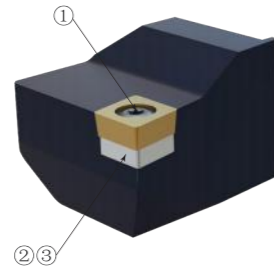
产品型号 Product ID	①	②	③				
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	刀垫螺钉扳手 Key(Shim)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-270350-SC12-S-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-SC12-S	248.150.10	241.040.70	241.080.00	246.030.60
BRB-350430-SC12-S-A60C	BPDB-A60C-350065	BPRB-SL-270	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 P214
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P214 for BRB series Bridge Adaptor
- Please refer to P215 for BRB series Sliding

BRB-SC-S 系列刀夹

BRB-SC-S Series Cartridge



- SCMT SCGX SCMW
- 刀片仅做示意
- SCMT SCGX SCMW
- 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 Coupling
BPRB-CA-SC12-S	SC..120408	S

备件 | Accessory

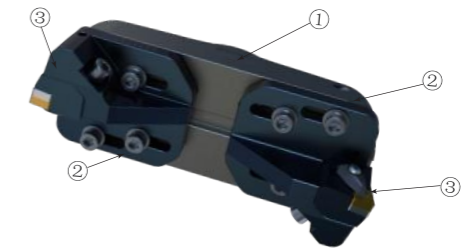
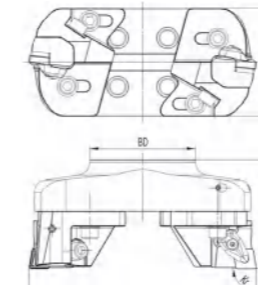
单独订购 | Purchase Separately

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-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
- 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-D-A40C	160	215	27.5	105	100	104	90	4.39	CN.. 120408	D	A40C
BRB-215270-CN12-D-A40C	215	270	27.5	105	100	104	90	5.00	CN.. 120408	D	A40C
BRB-160215-CN16-D-A40C	160	215	27.5	105	100	104	90	4.39	CN.. 160612	D	A40C
BRB-215270-CN16-D-A40C	215	270	27.5	105	100	104	90	5.00	CN.. 160612	D	A40C
BRB-160215-CN19-D-A40C	160	215	27.5	105	100	104	90	4.39	CN.. 190612	D	A40C
BRB-215270-CN19-D-A40C	215	270	27.5	105	100	104	90	5.00	CN.. 190612	D	A40C

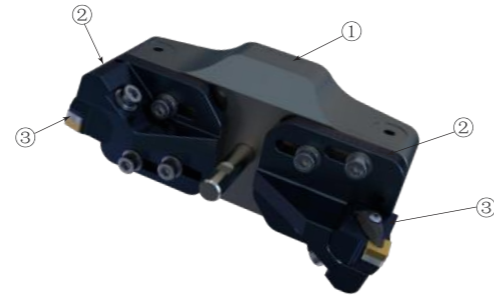
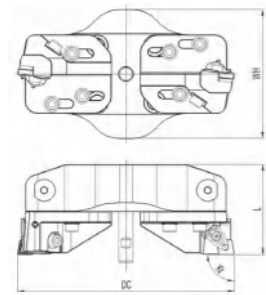
> 备件 | Accessory

产品型号 Product ID	①	②	③	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge			
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 P213
- 关于 BRB 系列滑块请参阅 P215
- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P213 for BRB series Bridge Adaptor
- Please refer to P215 for BRB series Sliding

BRB-CN-D 系列

BRB-CN-D 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-270350-CN12-D-A60C	270	350	40	115	-	140	90	7.8	CN.. 120408	D	A60C
BRB-350430-CN12-D-A60C	350	430	40	120	-	140	90	9.4	CN.. 120408	D	A60C
BRB-430510-CN12-D-A60C	430	510	40	125	-	140	90	11.1	CN.. 120408	D	A60C
BRB-270350-CN16-D-A60C	270	350	40	115	-	140	90	7.8	CN.. 160612	D	A60C
BRB-350430-CN16-D-A60C	350	430	40	120	-	140	90	9.4	CN.. 160612	D	A60C
BRB-430510-CN16-D-A60C	430	510	40	125	-	140	90	11.1	CN.. 160612	D	A60C
BRB-270350-CN19-D-A60C	270	350	40	115	-	140	90	7.8	CN.. 190612	D	A60C
BRB-350430-CN19-D-A60C	350	430	40	120	-	140	90	9.4	CN.. 190612	D	A60C
BRB-430510-CN19-D-A60C	430	510	40	125	-	140	90	11.1	CN.. 190612	D	A60C

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BRB-CN-D 系列

BRB-CN-D Series

> 备件 | Accessory

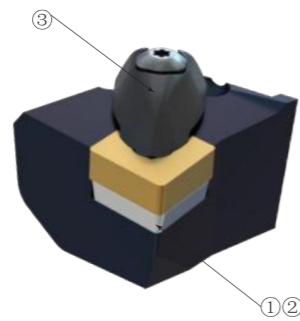
产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-270350-CN12-D-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-CN12-D	248.150.10	241.080.00	246.030.60
BRB-350430-CN12-D-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-CN12-D	248.150.10	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 P214
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P214 for BRB series Bridge Adaptor
- Please refer to P215 for BRB series Sliding

BRB-CN-D 系列刀夹

BRB-CN-D Series Cartridge



- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- 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	刀片 Insert	夹紧方式 Coupling
BPRB-CA-CN12-D	CN..120408	D
BPRB-CA-CN16-D	CN..160612	D
BPRB-CA-CN19-D	CN..190612	D

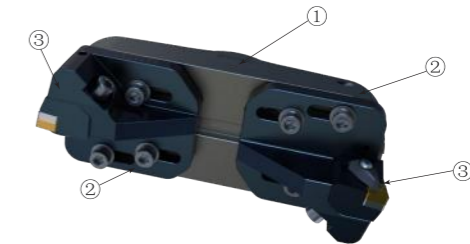
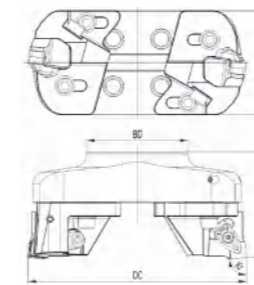
产品型号 Product ID	备件 Accessory			单独订购 Purchase Separately
	① 刀片螺钉 Screw(Insert)	② 刀垫 Shim	③ 刀垫螺钉 Screw(Shim)	刀片螺钉扳手 Key(Insert)
BPRB-CA-CN12-D	322.236.03	SFS 4085	412.028.21	248.150.10
BPRB-CA-CN16-D	322.234.03	SFS 5011	412.028.31	248.200.10
BPRB-CA-CN19-D	322.236.01	SFS 5011	412.028.41	248.200.10

- 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	SN.. 120408	D	A40C
BRB-215270-SN12-D-A40C	215	270	27.5	105	100	104	84	5.00	SN.. 120408	D	A40C
BRB-160215-SN15-D-A40C	160	215	27.5	105	100	104	84	4.39	SN.. 150612	D	A40C
BRB-215270-SN15-D-A40C	215	270	27.5	105	100	104	84	5.00	SN.. 150612	D	A40C

> 备件 | Accessory

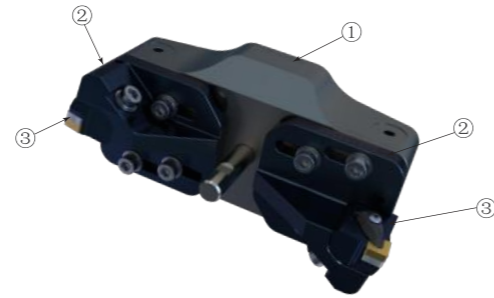
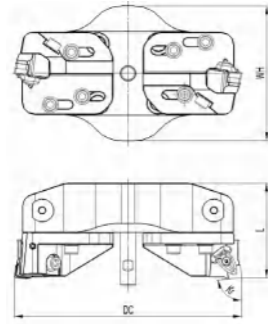
产品型号 Product ID	①	②	③	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge			
BRB-160215-SN12-D-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-SN12-D	248.150.10	241.080.00	246.030.60
BRB-215270-SN12-D-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-SN12-D	248.150.10	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 P213
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P213 for BRB series Bridge Adaptor
- Please refer to P215 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	SN..120408	D	A60C
BRB-350430-SN12-D-A60C	350	430	40	120	-	140	84	9.4	SN..120408	D	A60C
BRB-430510-SN12-D-A60C	430	510	40	125	-	140	84	11.1	SN..120408	D	A60C
BRB-270350-SN15-D-A60C	270	350	40	115	-	140	84	7.8	SN..150612	D	A60C
BRB-350430-SN15-D-A60C	350	430	40	120	-	140	84	9.4	SN..150612	D	A60C
BRB-430510-SN15-D-A60C	430	510	40	125	-	140	84	11.1	SN..150612	D	A60C

> 备件 | Accessory

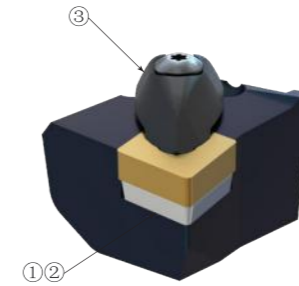
产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-270350-SN12-D-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-SN12-D	248.150.10	241.080.00	246.030.60
BRB-350430-SN12-D-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-SN12-D	248.150.10	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 P214
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P214 for BRB series Bridge Adaptor
- Please refer to P215 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 Coupling
BPRB-CA-SN12-D	SN..120408	D
BPRB-CA-SN15-D	SN..150612	D

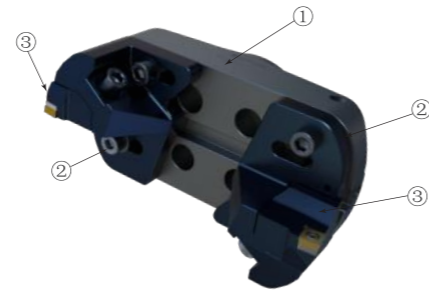
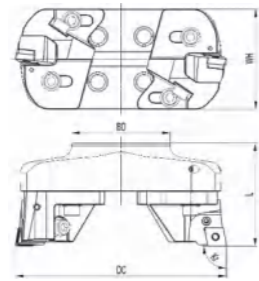
产品型号 Product ID	备件 Accessory			单独订购 Purchase Separately
	① 刀垫 Shim	② 刀垫螺钉 Screw(Shim)	③ 压板组件 Clamp Set	 刀片螺钉扳手 Key(Insert)
BPRB-CA-SN12-D	322.426.02	SFS 4085	412.028.21	248.150.10
BPRB-CA-SN15-D	322.425.03	SFS 5011	412.028.31	248.200.10

- 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	CN..120408	P	A40C
BRB-215270-CN12-P-A40C	215	270	27.5	105	100	104	90	5.00	CN..120408	P	A40C
BRB-160215-CN16-P-A40C	160	215	27.5	105	100	104	90	4.39	CN..160612	P	A40C
BRB-215270-CN16-P-A40C	215	270	27.5	105	100	104	90	5.00	CN..160612	P	A40C
BRB-160215-CN19-P-A40C	160	215	27.5	105	100	104	90	4.39	CN..190612	P	A40C
BRB-215270-CN19-P-A40C	215	270	27.5	105	100	104	90	5.00	CN..190612	P	A40C

> 备件 | Accessory

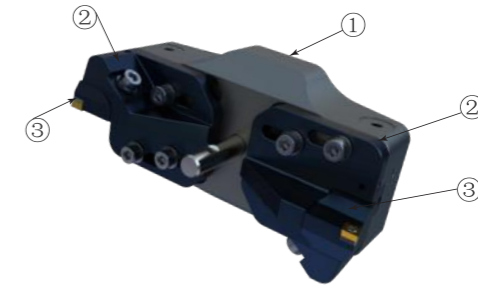
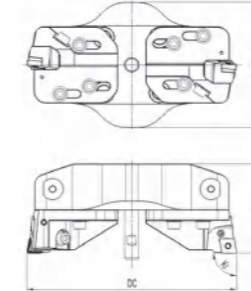
产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-160215-CN12-P-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-CN12-P	241.030.63	241.080.00	246.030.60
BRB-215270-CN12-P-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-CN12-P	241.030.63	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
- 关于 BRB 系列桥架式刀座请参阅 P213
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P213 for BRB series Bridge Adaptor
- Please refer to P215 for BRB series Sliding

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-270350-CN12-P-A60C	270	350	40	115	-	140	90	7.8	CN..120408	P	A60C
BRB-350430-CN12-P-A60C	350	430	40	120	-	140	90	9.4	CN..120408	P	A60C
BRB-430510-CN12-P-A60C	430	510	40	125	-	140	90	11.1	CN..120408	P	A60C
BRB-270350-CN16-P-A60C	270	350	40	115	-	140	90	7.8	CN..160612	P	A60C
BRB-350430-CN16-P-A60C	350	430	40	120	-	140	90	9.4	CN..160612	P	A60C
BRB-430510-CN16-P-A60C	430	510	40	125	-	140	90	11.1	CN..160612	P	A60C
BRB-270350-CN19-P-A60C	270	350	40	117	-	140	90	7.8	CN..190612	P	A60C
BRB-350430-CN19-P-A60C	350	430	40	122	-	140	90	9.4	CN..190612	P	A60C
BRB-430510-CN19-P-A60C	430	510	40	127	-	140	90	11.1	CN..190612	P	A60C

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BRB-CN-P 系列

BRB-CN-P Series

BRB-CN-P 系列刀夹

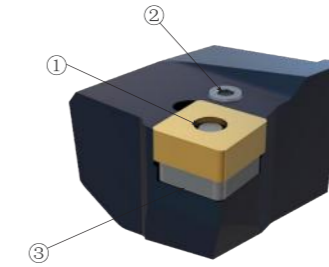
BRB-CN-P Series Cartridge

> 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 P214
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P214 for BRB series Bridge Adaptor
- Please refer to P215 for BRB series Sliding



- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- 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	刀片 Insert	夹紧方式 Coupling
BPRB-CA-CN12-P	CN.120408	P
BPRB-CA-CN16-P	CN.160612	P
BPRB-CA-CN19-P	CN.190612	P

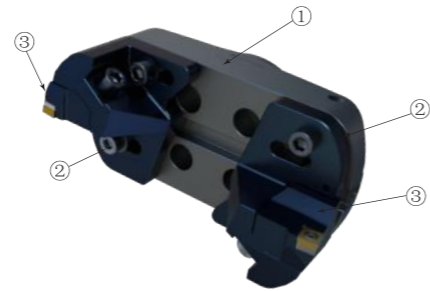
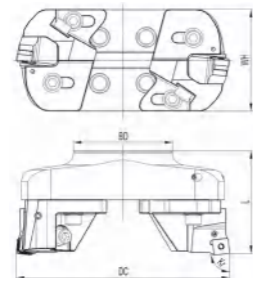
产品型号 Product ID	备件 Accessary			单独订购 Purchase Separately
	① 杠杆 Lever	② 螺钉 Screw	③ 刀垫 Shim	 扳手 Key
BPRB-CA-CN12-P	413.438.41	414.438.21	322.318.50	241.030.63
BPRB-CA-CN16-P	413.838.40	414.838.31	322.318.52	241.030.63
BPRB-CA-CN19-P	413.438.42	414.438.22	322.318.51	241.040.70

- 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



- 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-P-A40C	160	215	27.5	105	100	104	84	4.39	SN..120408	P	A40C
BRB-215270-SN12-P-A40C	215	270	27.5	105	100	104	84	5.00	SN..120408	P	A40C
BRB-160215-SN15-P-A40C	160	215	27.5	105	100	104	84	4.39	SN..150612	P	A40C
BRB-215270-SN15-P-A40C	215	270	27.5	105	100	104	84	5.00	SN..150612	P	A40C

> 备件 | Accessory

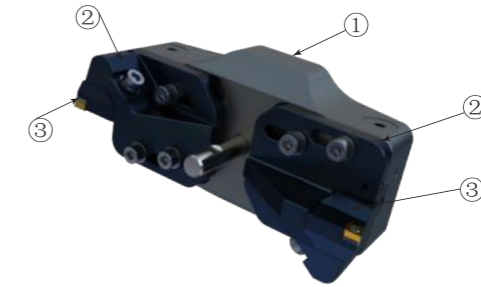
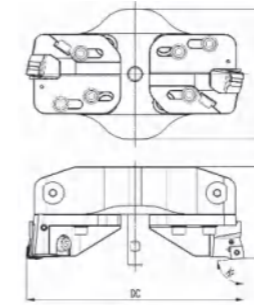
产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-160215-SN12-P-A40C	BPDB-A40C-160050	BPRB-SL-160	BPRB-CA-SN12-P	241.030.63	241.080.00	246.030.60
BRB-215270-SN12-P-A40C	BPDB-A40C-215050	BPRB-SL-160	BPRB-CA-SN12-P	241.030.63	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
- 关于 BRB 系列桥架式刀座请参阅 P213
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P213 for BRB series Bridge Adaptor
- Please refer to P215 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	SN..120408	P	A60C
BRB-350430-SN12-P-A60C	350	430	40	120	-	140	84	9.4	SN..120408	P	A60C
BRB-430510-SN12-P-A60C	430	510	40	125	-	140	84	11.1	SN..120408	P	A60C
BRB-270350-SN15-P-A60C	270	350	40	115	-	140	84	7.8	SN..150612	P	A60C
BRB-350430-SN15-P-A60C	350	430	40	120	-	140	84	9.4	SN..150612	P	A60C
BRB-430510-SN15-P-A60C	430	510	40	125	-	140	84	11.1	SN..150612	P	A60C

> 备件 | Accessory

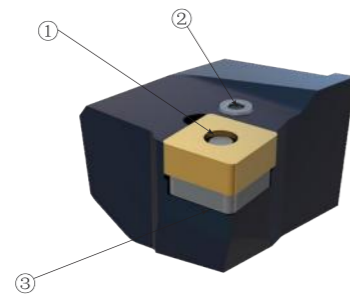
产品型号 Product ID	①	②	③			
	桥架式刀座 Bridge Adaptor	滑块 Slide	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
BRB-270350-SN12-P-A60C	BPDB-A60C-270060	BPRB-SL-270	BPRB-CA-SN12-P	241.030.63	241.080.00	246.030.60
BRB-350430-SN12-P-A60C	BPDB-A60C-350065	BPRB-SL-270	BPRB-CA-SN12-P	241.030.63	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
- 关于 BRB 系列桥架式刀座请参阅 P214
- 关于 BRB 系列滑块请参阅 P215

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P214 for BRB series Bridge Adaptor
- Please refer to P215 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

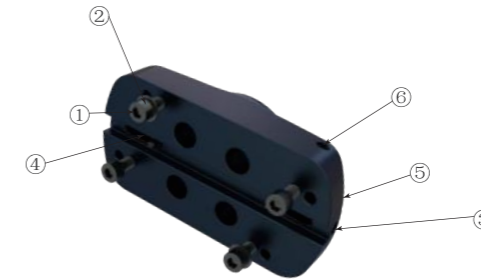
订货号 Ordering code	刀片 Insert	夹紧方式 Coupling
BPRB-CA-SN12-P	SN..120408	P
BPRB-CA-SN15-P	SN..150612	P

产品型号 Product ID	备件 Accessary			单独订购 Purchase Separately
	① 杠杆 Lever	② 螺钉 Screw	③ 刀垫 Shim	扳手 Key
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

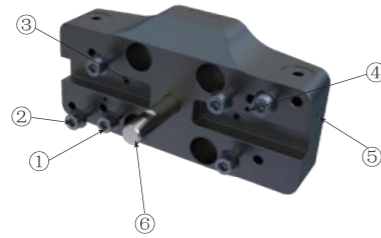
订货号 Ordering code	直径范围 Fitting Range	接口 Coupling
BPDB-A40C-160050	160-215	A40C
BPDB-A40C-215050	215-270	A40C

产品型号 Product ID	备件 Accessary						单独订购 Purchase Separately	
	① 螺钉 Screw(Lock)	② 蝶形弹簧垫圈 Shim	③ 调整螺钉 Screw(Adj.)	④ 挡销 Pin(Stop)	⑤ 堵丝 Nozzle	⑥ 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

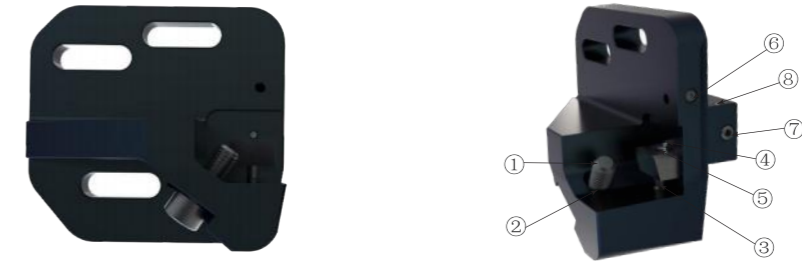
BRB 系列桥架式刀座

BRB Series Bridge Adaptor



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	接口 Coupling
BPDB-A60C-270060	270-350	A60C
BPDB-A60C-350065	350-430	A60C
BPDB-A60C-430070	430-510	A60C

> 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

产品型号 Product ID	备件 Accessory						单独订购 Purchase Separately
	①	②	③	④	⑤	⑥	锁紧螺钉扳手 Key(Screw)
	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)	
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

产品型号 Product ID	备件 Accessory								单独订购 Purchase Separately	
	①	②	③	④	⑤	⑥	⑦	⑧	锁紧螺钉扳手 Key(Screw)	调整螺钉扳手 Key(Adj.)
	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

• 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
FINE-BORING BFA SERIES

01

适用于 $\Phi 20$ - $\Phi 160$ mm 的孔径
精加工

Apply to $\Phi 20$ - $\Phi 160$ mm aperture finishing

03

直径调节精度 0.002mm

Diameter adjustment accuracy: 0.002mm

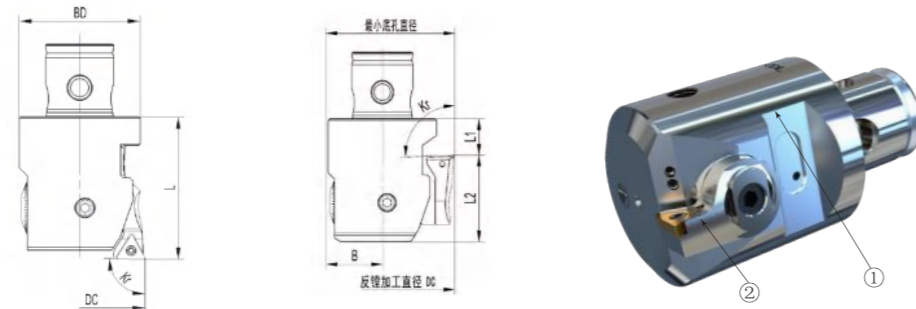
02

加工孔径公差可达 IT6 级

Machining aperture tolerance can reach IT6



BFA-T 系列
BFA-T 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 ² Extended washer assembly ²	加长垫圈组件数量 Quantity	正镗 Positive boring				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		镗削范围 Boring Range(DC)		尺寸 Dimension						
			Min.	Max.	L	BD	Min.	Max.	L1	L2	B	Kr	KG		
BFA-020025-TB06-S-CKB1	-	-	20	25	33	19	-	-	11	19.5	10.5	92	0.07	TB..060102	CKB1
	BPFA-WS-025A	1	25	30	33	19	27	30	11	19.5	10.5	92	0.07	TB..060102	CKB1
	BPFA-WS-025A	2 ¹	30	35	33	19	30	35	11	19.5	10.5	92	0.07	TB..060102	CKB1
BFA-020025-TC06-S-CKB1	-	-	20	25	33	19	-	-	11	19.5	10.5	92	0.07	TC..06T102	CKB1
	BPFA-WS-025A	1	25	30	33	19	27	30	11	19.5	10.5	92	0.07	TC..06T102	CKB1
	BPFA-WS-025A	2 ¹	30	35	33	19	30	35	11	19.5	10.5	92	0.07	TC..06T102	CKB1
BFA-020025-TP08-S-CKB1	-	-	20	25	34	19	-	-	10	20.5	10.5	92	0.07	TP..080202	CKB1
	BPFA-WS-025A	1	25	30	34	19	-	-	10	20.5	10.5	92	0.07	TP..080202	CKB1
	BPFA-WS-025A	2 ¹	30	35	34	19	32	35	10	20.5	10.5	92	0.07	TP..080202	CKB1
BFA-025032-TB06-S-CKB2	-	-	25	32	36	23.5	-	-	14	19.5	12.5	92	0.12	TB..060102	CKB2
	BPFA-WS-035A	1	32	39	36	23.5	32	39	14	19.5	12.5	92	0.12	TB..060102	CKB2
	BPFA-WS-035A	2 ¹	39	46	36	23.5	39	46	14	19.5	12.5	92	0.12	TB..060102	CKB2
BFA-025032-TC06-S-CKB2	-	-	25	32	36	23.5	-	-	14	19.5	12.5	92	0.12	TC..06T102	CKB2
	BPFA-WS-035A	1	32	39	36	23.5	32	39	14	19.5	12.5	92	0.12	TC..06T102	CKB2
	BPFA-WS-035A	2 ¹	39	46	36	23.5	39	46	14	19.5	12.5	92	0.12	TC..06T102	CKB2
BFA-025032-TP08-S-CKB2	-	-	25	32	37	23.5	-	-	13	20.5	12.5	92	0.12	TP..080202	CKB2
	BPFA-WS-035A	1	32	39	37	23.5	34	39	13	20.5	12.5	92	0.12	TP..080202	CKB2
	BPFA-WS-035A	2 ¹	39	46	37	23.5	39	46	13	20.5	12.5	92	0.12	TP..080202	CKB2

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BFA-T 系列
BFA-T Series

> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	加长垫圈组件 ² Extended washer assembly ²	加长垫圈组件数量 Quantity	正镗 Positive boring				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		镗削范围 Boring Range(DC)		尺寸 Dimension						
			Min.	Max.	L	BD	Min.	Max.	L1	L2	B	Kr	KG		
BFA-032042-TP08-S-CKB3	-	-	32	42	43	31	40	42	9	31	16.5	92	0.24	TP. 080202	CKB3
	BPFA-WS-050B	1	42	52	43	31	42	52	9	31	16.5	92	0.24	TP. 080202	CKB3
	BPFA-WS-050B	2 ¹	52	62	43	31	52	62	9	31	16.5	92	0.24	TP. 080202	CKB3
BFA-032042-TC09-S-CKB3	-	-	32	42	43	31	40	42	9	31	16.5	92	0.24	TC.. 090204	CKB3
	BPFA-WS-050B	1	42	52	43	31	42	52	9	31	16.5	92	0.24	TC.. 090204	CKB3
	BPFA-WS-050B	2 ¹	52	62	43	31	52	62	9	31	16.5	92	0.24	TC.. 090204	CKB3
	-	-	32	42	43	31	40	42	9	31	16.5	92	0.24	TP. 090204	CKB3
	BPFA-WS-050B	1	42	52	43	31	42	52	9	31	16.5	92	0.24	TP. 090204	CKB3
	BPFA-WS-050B	2 ¹	52	62	43	31	52	62	9	31	16.5	92	0.24	TP. 090204	CKB3
BFA-032042-TC1102-S-CKB3	-	-	32	42	43	31	40	42	9	31	16.5	92	0.24	TC.. 110204	CKB3
	BPFA-WS-050B	1	42	52	43	31	42	52	9	31	16.5	92	0.24	TC.. 110204	CKB3
	BPFA-WS-050B	2 ¹	52	62	43	31	52	62	9	31	16.5	92	0.24	TC.. 110204	CKB3
BFA-042055-TP08-S-CKB4	-	-	42	55	47	39	49	55	13	31	20.5	92	0.43	TP. 080202	CKB4
	BPFA-WS-050B	1	52	65	47	39	52	65	13	31	20.5	92	0.43	TP. 080202	CKB4
	BPFA-WS-050B	2 ¹	62	75	47	39	62	75	13	31	20.5	92	0.43	TP. 080202	CKB4
BFA-042055-TC09-S-CKB4	-	-	42	55	47	39	49	55	13	31	20.5	92	0.43	TC.. 090204	CKB4
	BPFA-WS-050B	1	52	65	47	39	52	65	13	31	20.5	92	0.43	TC.. 090204	CKB4
	BPFA-WS-050B	2 ¹	62	75	47	39	62	75	13	31	20.5	92	0.43	TC.. 090204	CKB4
	-	-	42	55	47	39	49	55	13	31	20.5	92	0.43	TP. 090204	CKB4
	BPFA-WS-050B	1	52	65	47	39	52	65	13	31	20.5	92	0.43	TP. 090204	CKB4
	BPFA-WS-050B	2 ¹	62	75	47	39	62	75	13	31	20.5	92	0.43	TP. 090204	CKB4
BFA-042055-TC1102-S-CKB4	-	-	42	55	47	39	51	55	13	31	20.5	92	0.43	TC.. 110204	CKB4
	BPFA-WS-050B	1	52	65	47	39	52	65	13	31	20.5	92	0.43	TC.. 110204	CKB4
	BPFA-WS-050B	2 ¹	62	75	47	39	62	75	13	31	20.5	92	0.43	TC.. 110204	CKB4
BFA-055070-TC1102-S-CKB5	-	-	55	70	57	50	62	70	11	42	26	92	0.84	TC.. 110204	CKB5
	BPFA-WS-060C	1	67	82	57	50	67	82	11	42	26	92	0.84	TC.. 110204	CKB5
	BPFA-WS-060C	2 ¹	79	94	57	50	79	94	11	42	26	92	0.84	TC.. 110204	CKB5

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BFA-T 系列
BFA-T Series

> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	加长垫圈组件 ² Extended washer assembly ²	加长垫圈组件数量 Quantity	正镗 Positive boring				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		镗削范围 Boring Range(DC)		尺寸 Dimension						
			Min.	Max.	L	BD	Min.	Max.	L1	L2	B	Kr	KG		
BFA-055070-TC11-S-CKB5	-	-	55	70	57	50	62	70	11	42	26	92	0.84	TC.. 110304	CKB5
	BPFA-WS-060C	1	67	82	57	50	67	82	11	42	26	92	0.84	TC.. 110304	CKB5
	BPFA-WS-060C	2 ¹	79	94	57	50	79	94	11	42	26	92	0.84	TC.. 110304	CKB5
BFA-070100-TC1102-S-CKB6	-	-	70	100	71	64	78	100	25	42	33	92	1.83	TC.. 110204	CKB6
	BPFA-WS-125C	1	95	125	71	64	95	125	25	42	33	92	1.83	TC.. 110204	CKB6
	BPFA-WS-125C	2 ¹	120	150	71	64	120	150	25	42	33	92	1.83	TC.. 110204	CKB6
BFA-070100-TC11-S-CKB6	-	-	70	100	71	64	78	100	25	42	33	92	1.83	TC.. 110304	CKB6
	BPFA-WS-125C	1	95	125	71	64	95	125	25	42	33	92	1.83	TC.. 110304	CKB6
	BPFA-WS-125C	2 ¹	120	150	71	64	120	150	25	42	33	92	1.83	TC.. 110304	CKB6
BFA-100160-TC1102-S-CKB6	-	-	100	160	73	64	108	160	23	46	47.5	92	2.92	TC.. 110204	CKB6
	BPFA-WS-125D	1	125	185	73	64	125	185	23	46	47.5	92	2.92	TC.. 110204	CKB6
	BPFA-WS-125D	2 ¹	150	210	73	64	150	210	23	46	47.5	92	2.92	TC.. 110204	CKB6
BFA-100160-TC11-S-CKB6	-	-	100	160	73	64	108	160	23	46	47.5	92	2.92	TC.. 110304	CKB6
	BPFA-WS-125D	1	125	185	73	64	125	185	23	46	47.5	92	2.92	TC.. 110304	CKB6
	BPFA-WS-125D	2 ¹	150	210	73	64	150	210	23	46	47.5	92	2.92	TC.. 110304	CKB6
BFA-100160-TC1102-S-CKB7	-	-	100	160	89	90	108	160	39	46	47.5	92	4.28	TC.. 110204	CKB7
	BPFA-WS-125D	1	125	185	89	90	125	185	39	46	47.5	92	4.28	TC.. 110204	CKB7
	BPFA-WS-125D	2 ¹	150	210	89	90	150	210	39	46	47.5	92	4.28	TC.. 110204	CKB7
BFA-100160-TC11-S-CKB7	-	-	100	160	89	90	108	160	39	46	47.5	92	4.28	TC.. 110304	CKB7
	BPFA-WS-125D	1	125	185	89	90	125	185	39	46	47.5	92	4.28	TC.. 110304	CKB7
	BPFA-WS-125D	2 ¹	150	210	89	90	150	210	39	46	47.5	92	4.28	TC.. 110304	CKB7

¹ 表示需要 2 个加长垫圈组件

² 表示加长垫圈组件需要单独订购

¹ Indicates that 2 extended washer assemblies are required

² Indicates that the extended washer assembly needs to be ordered separately

BFA-T 系列

BFA-T Series

BFA-T 系列刀座

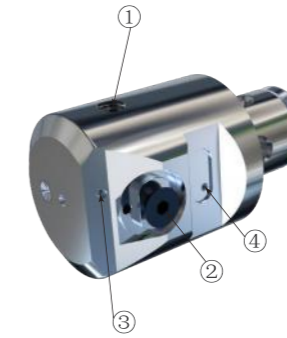
BFA-T series Adaptor

> 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-TB06-S-CKB1	BPFA-CKB1-020035	BPFA-CA-0511TB06-S	242.060.35	241.009.34	247.020.100
BFA-020025-TC06-S-CKB1	BPFA-CKB1-020035	BPFA-CA-0511TC06-S	242.060.35	241.009.34	247.020.100
BFA-020025-TP08-S-CKB1	BPFA-CKB1-020035	BPFA-CA-0511TP08-S	242.070.35	241.009.34	247.020.100
BFA-025032-TB06-S-CKB2	BPFA-CKB2-025046	BPFA-CA-0511TB06-S	242.060.35	241.009.34	247.020.100
BFA-025032-TC06-S-CKB2	BPFA-CKB2-025046	BPFA-CA-0511TC06-S	242.060.35	241.009.34	247.020.100
BFA-025032-TP08-S-CKB2	BPFA-CKB2-025046	BPFA-CA-0511TP08-S	242.070.35	241.009.34	247.020.100
BFA-032042-TP08-S-CKB3	BPFA-CKB3-032062	BPFA-CA-0717TP08-S	242.070.35	241.009.34	247.030.100
BFA-032042-TC09-S-CKB3	BPFA-CKB3-032062	BPFA-CA-0717TC09-S	242.070.35	241.009.34	247.030.100
BFA-032042-TP09-S-CKB3	BPFA-CKB3-032062	BPFA-CA-0717TP09-S	242.070.35	241.009.34	247.030.100
BFA-032042-TC1102-S-CKB3	BPFA-CKB3-032062	BPFA-CA-0717TC1102-S	242.070.35	241.009.34	247.030.100
BFA-042055-TP08-S-CKB4	BPFA-CKB4-042075	BPFA-CA-0717TP08-S	242.070.35	241.009.34	247.030.100
BFA-042055-TC09-S-CKB4	BPFA-CKB4-042075	BPFA-CA-0717TC09-S	242.070.35	241.009.34	247.030.100
BFA-042055-TP09-S-CKB4	BPFA-CKB4-042075	BPFA-CA-0717TP09-S	242.070.35	241.009.34	247.030.100
BFA-042055-TC1102-S-CKB4	BPFA-CKB4-042075	BPFA-CA-0717TC1102-S	242.070.35	241.009.34	247.030.100
BFA-055070-TC1102-S-CKB5	BPFA-CKB5-055094	BPFA-CA-1023TC1102-S	242.070.35	241.009.34	247.040.100
BFA-055070-TC11-S-CKB5	BPFA-CKB5-055094	BPFA-CA-1023TC11-S	242.070.35	241.009.34	247.040.100
BFA-070100-TC1102-S-CKB6	BPFA-CKB6-070150	BPFA-CA-1023TC1102-S	242.070.35	241.009.34	247.040.100
BFA-070100-TC11-S-CKB6	BPFA-CKB6-070150	BPFA-CA-1023TC11-S	242.070.35	241.009.34	247.040.100
BFA-100160-TC1102-S-CKB6	BPFA-CKB6-100210	BPFA-CA-1025TC1102-S	242.070.35	241.009.34	247.040.100
BFA-100160-TC11-S-CKB6	BPFA-CKB6-100210	BPFA-CA-1025TC11-S	242.070.35	241.009.34	247.040.100
BFA-100160-TC1102-S-CKB7	BPFA-CKB7-100210	BPFA-CA-1025TC1102-S	242.070.35	241.009.34	247.040.100
BFA-100160-TC11-S-CKB7	BPFA-CKB7-100210	BPFA-CA-1025TC11-S	242.070.35	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



> 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-CKB1-020035	20-25	CKB1
BPFA-CKB2-025046	25-32	CKB2
BPFA-CKB3-032062	32-42	CKB3
BPFA-CKB4-042075	42-55	CKB4
BPFA-CKB5-055094	55-70	CKB5
BPFA-CKB6-070150	70-100	CKB6
BPFA-CKB6-100210	100-160	CKB6
BPFA-CKB7-100210	100-160	CKB7

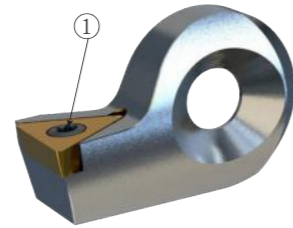
产品型号 Product ID	备件 Accessary				单独订购 Purchase Separately	
	① 锁紧螺钉 Screw(Lock)	② 刀夹锁紧螺钉 Screw(Cartridge)	③ 堵丝 Nozzle	④ 堵丝 Nozzle	 堵丝扳手 Key(Nozzle)	 锁紧螺钉扳手 Key(Screw)
BPFA-CKB1-020035	119.040.05	111.035.06	251.020.03	-	241.009.34	247.020.100
BPFA-CKB2-025046	119.040.06	111.035.06	251.020.03	-	241.009.34	247.020.100
BPFA-CKB3-032062	119.060.08	111.050.08	251.020.03	-	241.009.34	247.030.100
BPFA-CKB4-042075	119.060.10	111.050.08	251.020.03	-	241.009.34	247.030.100
BPFA-CKB5-055094	119.080.12	111.080.12	251.020.03	-	241.009.34	247.040.100
BPFA-CKB6-070150	119.080.16	111.080.12	251.020.03	-	241.009.34	247.040.100
BPFA-CKB6-100210	119.080.20	111.080.12	251.020.03	251.030.03	241.009.34	247.040.100
BPFA-CKB7-100210	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-T 系列刀夹

BFA-T 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 Coupling
BPFA-CA-0511TB06-S	TB..060102	S
BPFA-CA-0511TC06-S	TC..06T102	S
BPFA-CA-0511TP08-S	TP..080202	S
BPFA-CA-0717TP08-S	TP..080202	S
BPFA-CA-0717TC09-S	TC..090204	S
BPFA-CA-0717TP09-S	TP..090204	S
BPFA-CA-0717TC1102-S	TC..110204	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

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BFA-T 系列刀夹

BFA-T series Cartridge

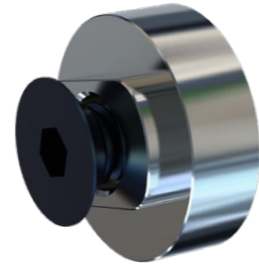
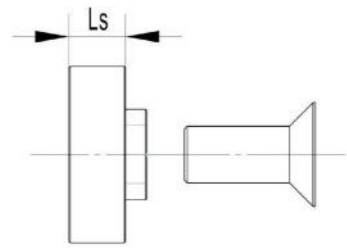
产品型号 Product ID	备件 Accessory	
	刀片螺钉 Screw(Insert)	刀片螺钉扳手 Key(Insert)
BPFA-CA-0511TB06-S	ILD2042	242.060.35
BPFA-CA-0511TC06-S	ILD2042	242.060.35
BPFA-CA-0511TP08-S	ILD2249	242.070.35
BPFA-CA-0717TP08-S	ILD2249	242.070.35
BPFA-CA-0717TC09-S	ILD 2264	242.070.35
BPFA-CA-0717TP09-S	SFS 2565	242.070.35
BPFA-CA-0717TC1102-S	SFS 2565	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-T 系列加长垫圈组件


BFA-T Series Extended Washer Assembly



> 技术参数 | Technical parameters

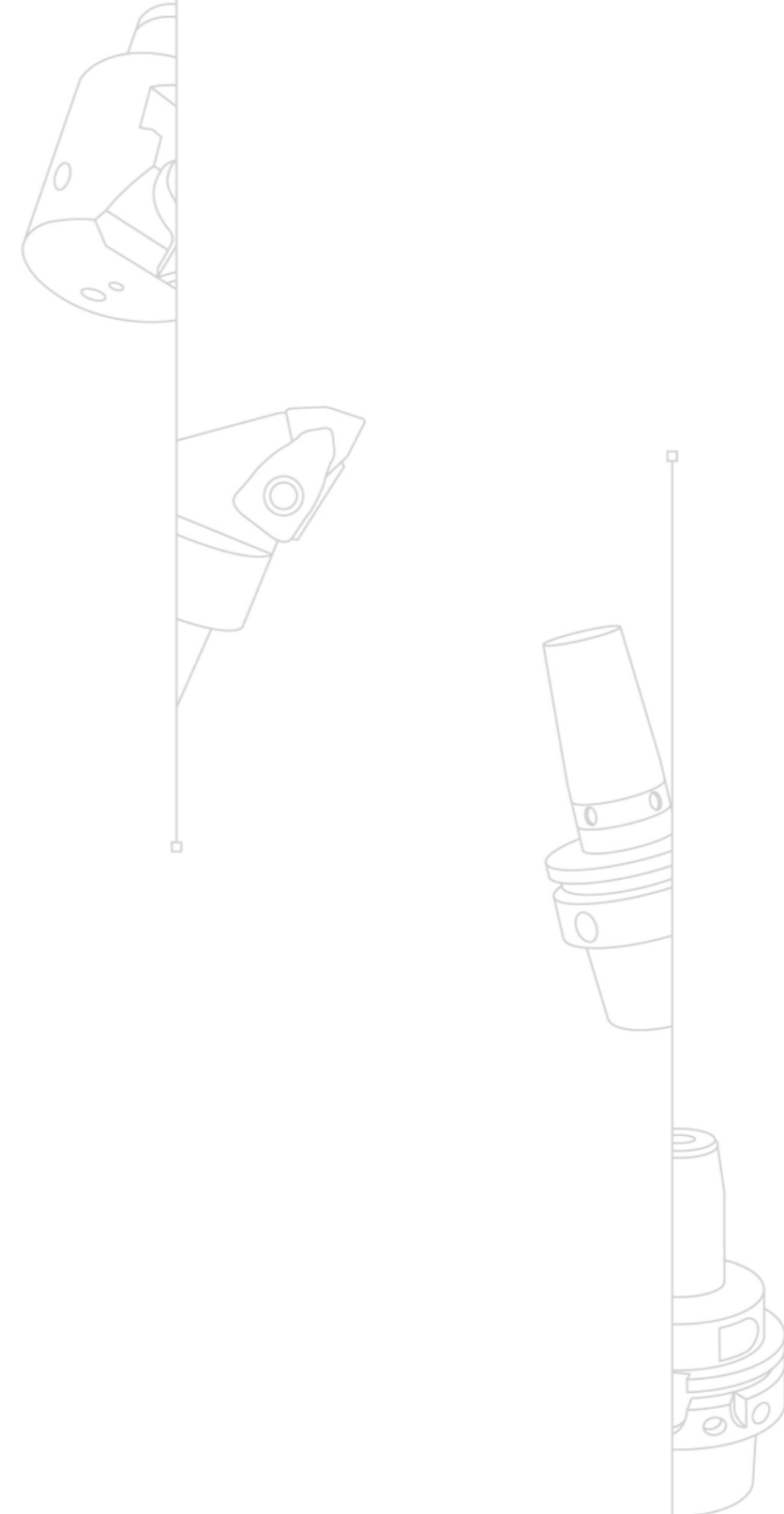
单位 | Unit: mm

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 Accessory			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	
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
FINE-BORING BFB SERIES

01

用于 $\Phi 160$ - $\Phi 525$ mm的孔径精加工
Apply to $\Phi 160$ - $\Phi 525$ mm aperture finishing

02

加工孔径公差可达IT6级
Machining aperture tolerance can reach IT6

03

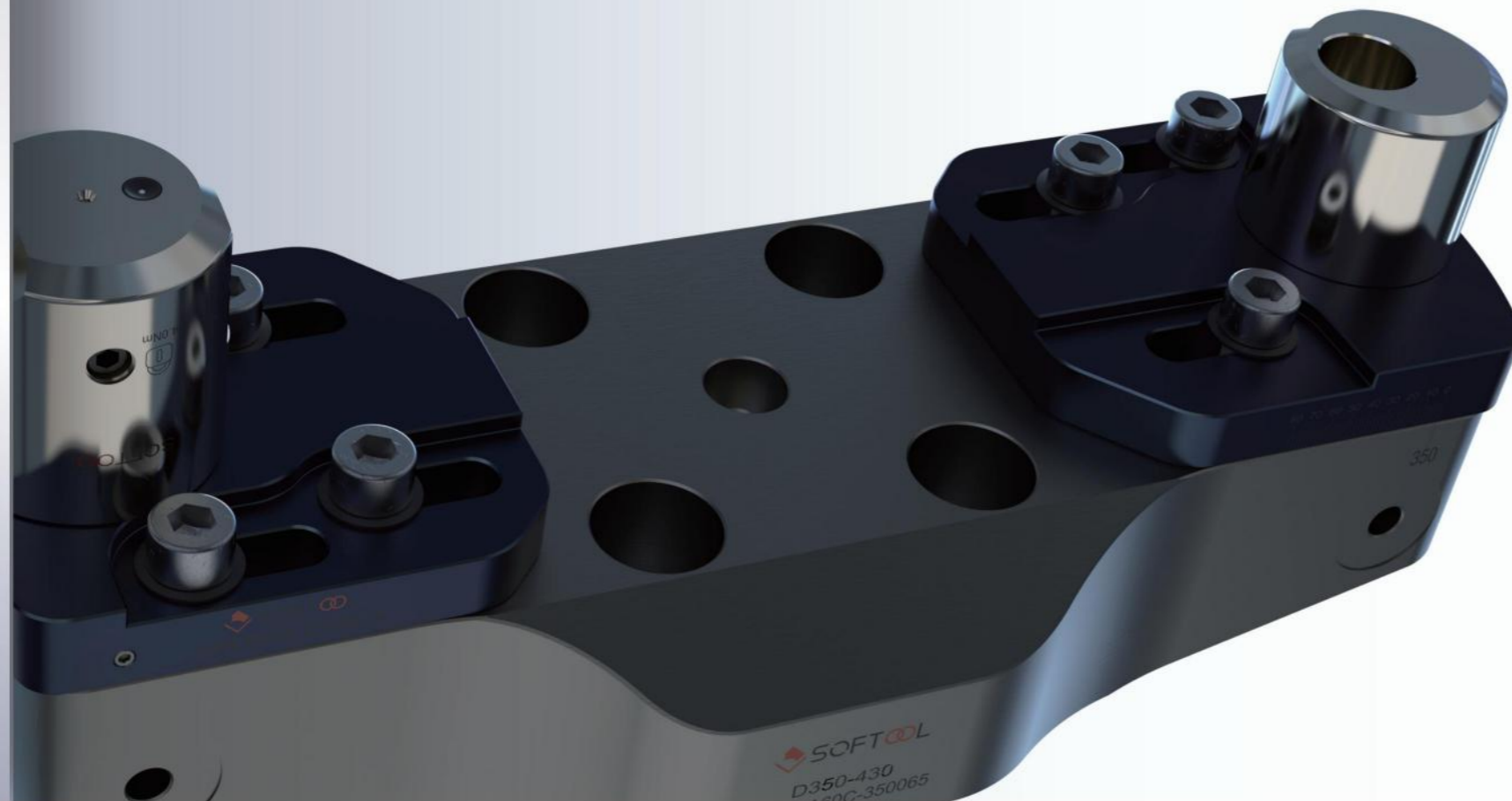
航空铝桥架具有较轻的重量可减少主轴负载（与粗镗B系列通用）
Aviation aluminum bridge with less weight can reduce the spindle load (common with rough boring BRB Series)

04

直径调节精度0.002mm
Diameter adjustment accuracy: 0.002mm

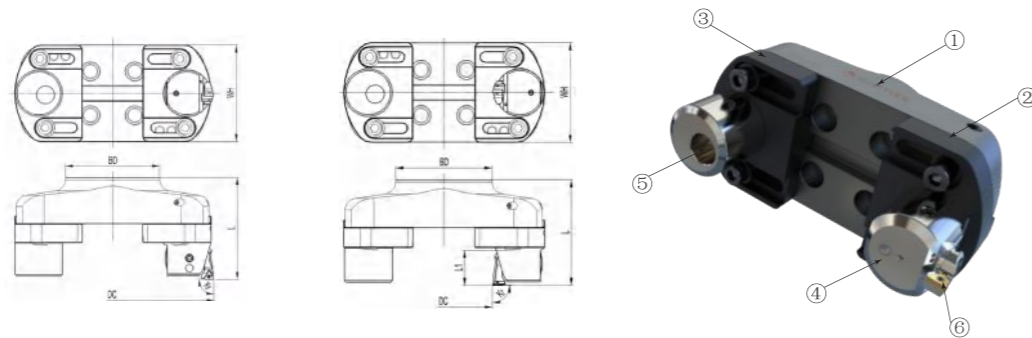
05

可进行径向调节
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	正镗 Positive boring			套镗 Sleeve boring			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling	
	镗削范围 Boring Range(DC)			镗削范围 Boring Range(DC)			L	L1	BD	WH	Kr				G
	Min.	Max.	Adj.	Min.	Max.	Adj.									
BFB-160230-TC1102-S-A40C	160	230	70	35	105	70	118	41	100	104	92	4.5	TC.. 110204	S	A40C
BFB-160230-TC11-S-A40C	160	230	70	35	105	70	118	41	100	104	92	4.5	TC.. 110304	S	A40C
BFB-215285-TC1102-S-A40C	215	285	70	90	160	70	118	41	100	104	92	5.0	TC.. 110204	S	A40C
BFB-215285-TC11-S-A40C	215	285	70	90	160	70	118	41	100	104	92	5.0	TC.. 110304	S	A40C

> 备件 | Accessory

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-160230-TC1102-S-A40C	BPDB-A40C-160050	BPFB-SL-160	BPFB-SL-160CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC1102-S
BFB-160230-TC11-S-A40C	BPDB-A40C-160050	BPFB-SL-160	BPFB-SL-160CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC11-S
BFB-215285-TC1102-S-A40C	BPDB-A40C-215050	BPFB-SL-160	BPFB-SL-160CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC1102-S
BFB-215285-TC11-S-A40C	BPDB-A40C-215050	BPFB-SL-160	BPFB-SL-160CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC11-S

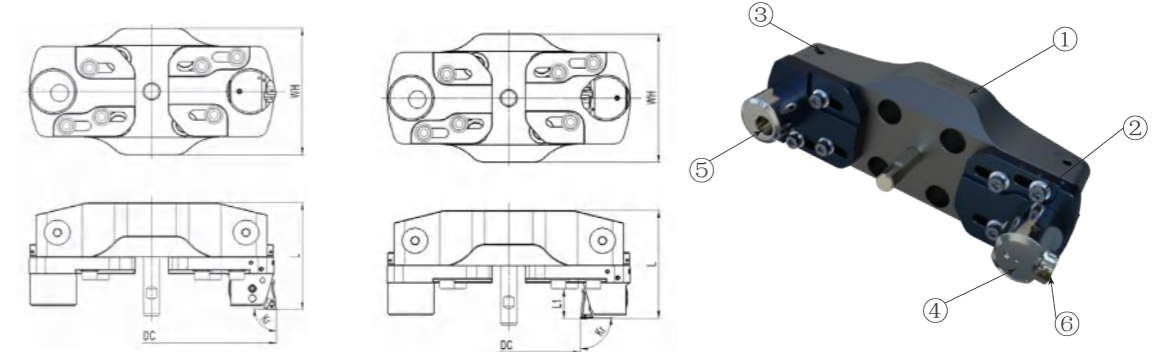
产品型号 Product ID					
	刀片螺钉扳手 Key(Insert)	调整螺钉扳手 Key(Adj.)	锁紧螺钉扳手 Key(Screw)	螺钉扳手 Key(Screw)	螺钉扳手 Key(Screw)
BFB-160230-TC1102-S-A40C	242.070.35	246.030.60	247.040.100	241.050.80	241.080.00
BFB-160230-TC11-S-A40C	242.070.35	246.030.60	247.040.100	241.050.80	241.080.00
BFB-215285-TC1102-S-A40C	242.070.35	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	正镗 Positive boring			套镗 Sleeve boring			尺寸 Dimension					刀片 Insert	夹紧方式 Clamping	接口 Coupling
	镗削范围 Boring Range(DC)			镗削范围 Boring Range(DC)			L	L1	WH	Kr	G			
	Min.	Max.	Adj.	Min.	Max.	Adj.								
BFB-270365-TC1102-S-A60C	270	365	95	145	240	95	126	39	140	92	7.8	TC.. 110204	S	A60C
BFB-270365-TC11-S-A60C	270	365	95	145	240	95	126	39	140	92	7.8	TC.. 110304	S	A60C
BFB-350445-TC1102-S-A60C	350	445	95	225	320	95	131	39	140	92	9.6	TC.. 110204	S	A60C
BFB-350445-TC11-S-A60C	350	445	95	225	320	95	131	39	140	92	9.6	TC.. 110304	S	A60C
BFB-430525-TC1102-S-A60C	430	525	95	305	400	95	136	39	140	92	11.4	TC.. 110204	S	A60C
BFB-430525-TC11-S-A60C	430	525	95	305	400	95	136	39	140	92	11.4	TC.. 110304	S	A60C

转下页 see next page →

BFB-TC 系列

BFB-TC Series

> 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-TC1102-S-A60C	BPDB-A60C-270060	BPFB-SL-270	BPFB-SL-270CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC1102-S
BFB-270365-TC11-S-A60C	BPDB-A60C-270060	BPFB-SL-270	BPFB-SL-270CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC11-S
BFB-350445-TC1102-S-A60C	BPDB-A60C-350065	BPFB-SL-270	BPFB-SL-270CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC1102-S
BFB-350445-TC11-S-A60C	BPDB-A60C-350065	BPFB-SL-270	BPFB-SL-270CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC11-S
BFB-430525-TC1102-S-A60C	BPDB-A60C-430070	BPFB-SL-270	BPFB-SL-270CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC1102-S
BFB-430525-TC11-S-A60C	BPDB-A60C-430070	BPFB-SL-270	BPFB-SL-270CW	BPFB-CY34-050025	BPFB-CW-5043A	BPFA-CA-1023TC11-S

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-TC1102-S-A60C	242.070.35	246.030.60	247.040.100	241.050.80	241.080.00
BFB-270365-TC11-S-A60C	242.070.35	246.030.60	247.040.100	241.050.80	241.080.00
BFB-350445-TC1102-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-TC1102-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

产品型号 Product ID	备件 Accessary				单独订购 Purchase Separately
	① 堵丝 Nozzle	② 堵丝 Nozzle	③ 调整螺钉 Screw(Adj.)	④ 堵丝 Nozzle	 调整螺钉扳手 Key(Adj.)
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

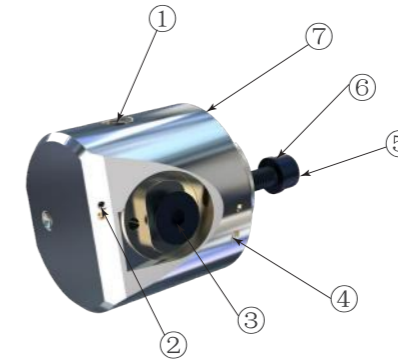
产品型号 Product ID	备件 Accessory		单独订购 Purchase Separately
	① 调整螺钉 Screw(Adj.)	② 堵丝 Nozzle	③ 调整螺钉扳手 Key(Adj.)
BPFB-SL-160CW	-	-	-
BPFB-SL-270CW	214.020.368	254.030.10	246.030.60

• 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

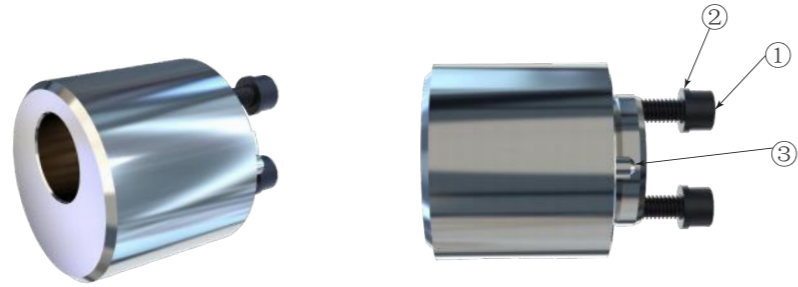
订货号 Ordering code	直径范围 Fitting Range
BPFB-CY34-050025	160-525

产品型号 Product ID	备件 Accessory							单独订购 Purchase Separately	
	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	⑧ 螺钉扳手 Key(Screw)	⑨ 锁紧螺钉扳手 Key(Screw)
BPFB-CY34-050025	119.080.12	251.020.03	111.080.12	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

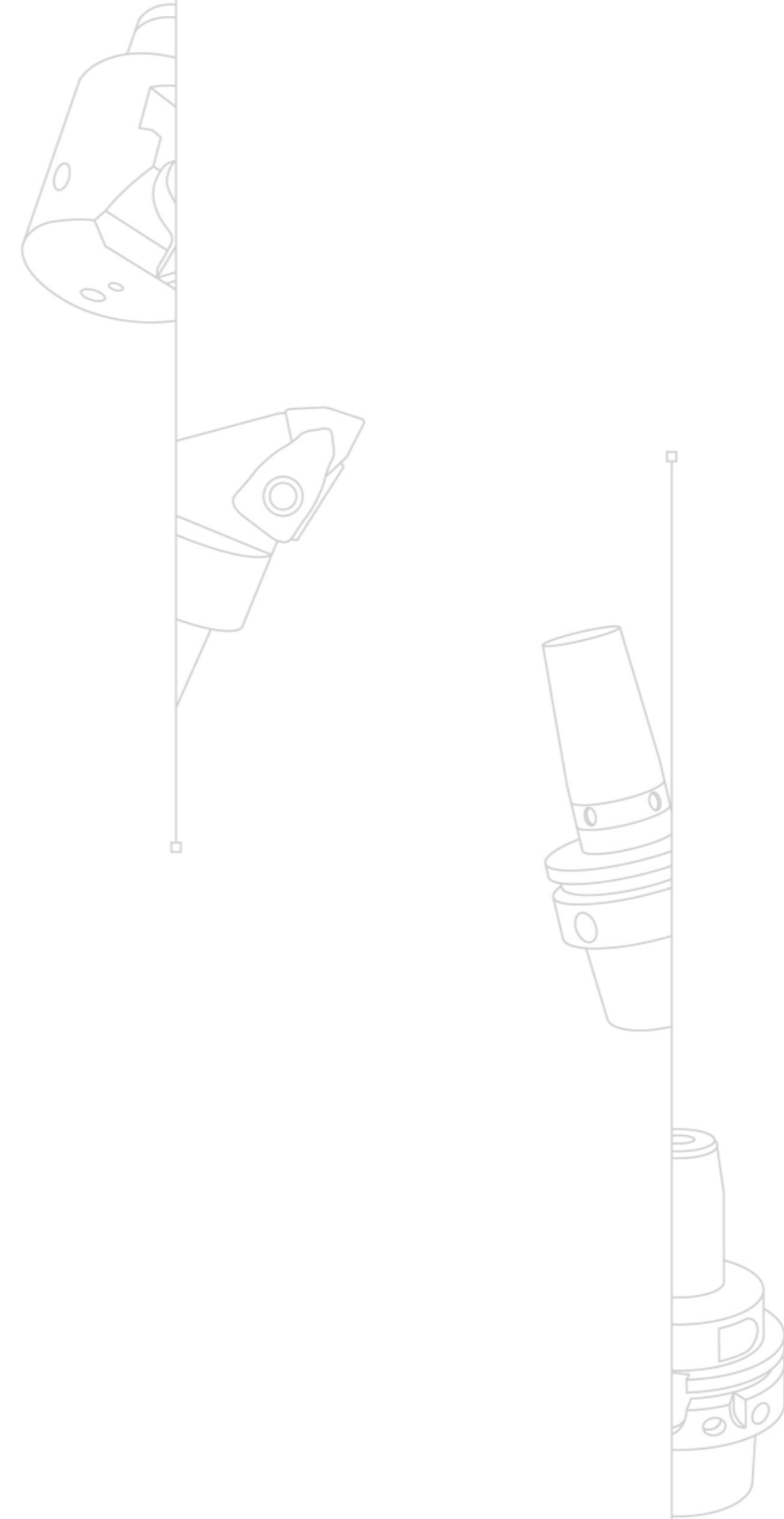
单位 | Unit: mm

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

产品型号 Product ID	备件 Accessory			单独订购 Purchase Separately
	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
FINE-BORING BFC SERIES



01

配合镗刀杆使用可用于 $\phi 1-\phi 54\text{mm}$ 的孔径加工

Used with boring bar, it can be used for $\phi 1-\phi 54\text{mm}$ aperture machining

02

加工孔径公差可达IT6级

Machining aperture tolerance can reach IT6

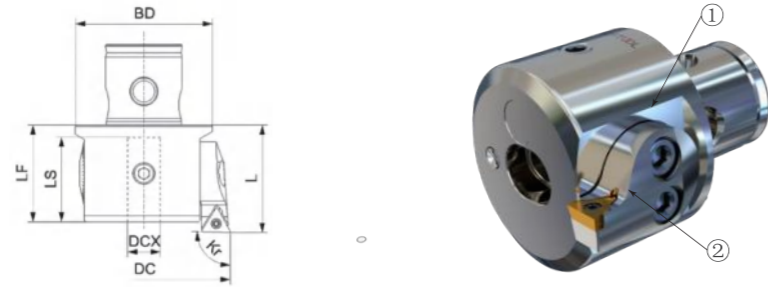
03

直径调节精度0.002mm

Diameter adjustment accuracy: 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-TC1102-S-CKB4	53	57	2	34	30	27.5	39	10	92	0.31	CKB4
BFC-053057-TC11-S-CKB4	53	57	2	34	30	27.5	39	10	92	0.31	CKB4
BFC-063070-TC1102-S-CKB5	63	70	3.5	40	36	31.5	50	12	92	0.60	CKB5
BFC-063070-TC11-S-CKB5	63	70	3.5	40	36	31.5	50	12	92	0.60	CKB5
BFC-074083-TC1102-S-CKB6	74	83	4.5	49	45	40.5	64	16	92	1.30	CKB6
BFC-074083-TC11-S-CKB6	74	83	4.5	49	45	40.5	64	16	92	1.30	CKB6

> 备件 | Accessory

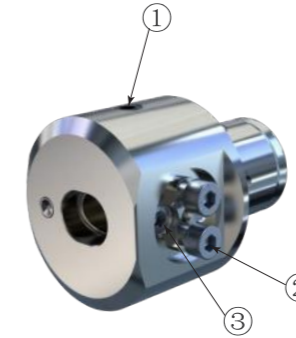
产品型号 Product ID	①	②		
	刀座 Adaptor	刀夹 Cartridge	刀片螺钉扳手 Key(Insert)	锁紧螺钉扳手 Key(Screw)
BFC-053057-TC1102-S-CKB4	BPFC-CKB4-010030	BPFC-CA-1320TC1102-S	242.070.35	247.030.100
BFC-053057-TC11-S-CKB4	BPFC-CKB4-010030	BPFC-CA-1320TC11-S	242.070.35	247.030.100
BFC-063070-TC1102-S-CKB5	BPFC-CKB5-012036	BPFC-CA-1422TC1102-S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

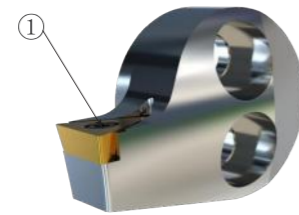
产品型号 Product ID	备件 Accessory			单独订购 Purchase Separately
	①	②	③	
	锁紧螺钉 Screw(Lock)	刀夹锁紧螺钉 Screw(Cartridge)	锁紧螺钉 Screw(Lock)	锁紧螺钉扳手 Key(Screw)
BPFC-CKB4-010030	119.060.08	113.040.08	259.060.10	247.030.100
BPFC-CKB5-012036	119.080.10	113.050.10	259.080.10	247.040.100
BPFC-CKB6-016045	119.100.12	113.060.12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

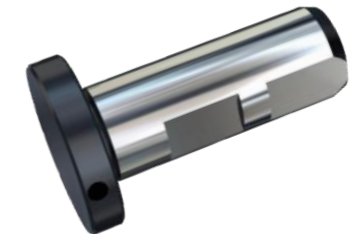
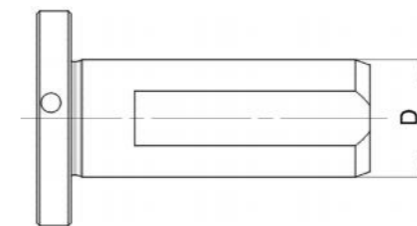
产品型号 Product ID	备件 Accessory	
	① 调整螺钉 Screw(Adj.)	② 刀片螺钉扳手 Key(Insert)
BPFC-CA-1320TC1102-S	SFS 2565	242.070.35
BPFC-CA-1320TC11-S	SFS 2565	242.070.35
BPFC-CA-1422TC1102-S	SFS 2565	242.070.35
BPFC-CA-1422TC11-S	SFS 2565	242.070.35
BPFC-CA-1526TC1102-S	SFS 2565	242.070.35
BPFC-CA-1526TC11-S	SFS 2565	242.070.35

- 可单独订购备件，按需询价

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

BFC-冷却管

BFC-Cooling Tube



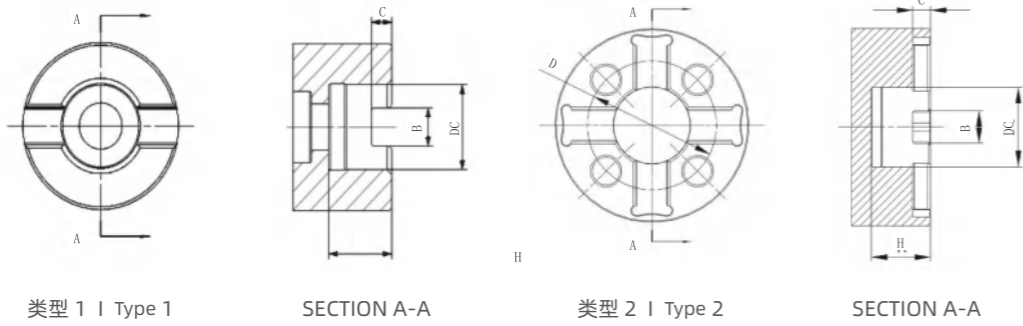
> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	尺寸 Dimension
	D
CT-10	10
CT-12	12
CT-16	16

接口简图 Coupling diagram

• 芯轴接口 | Arbor



> 技术参数 | Technical parameters

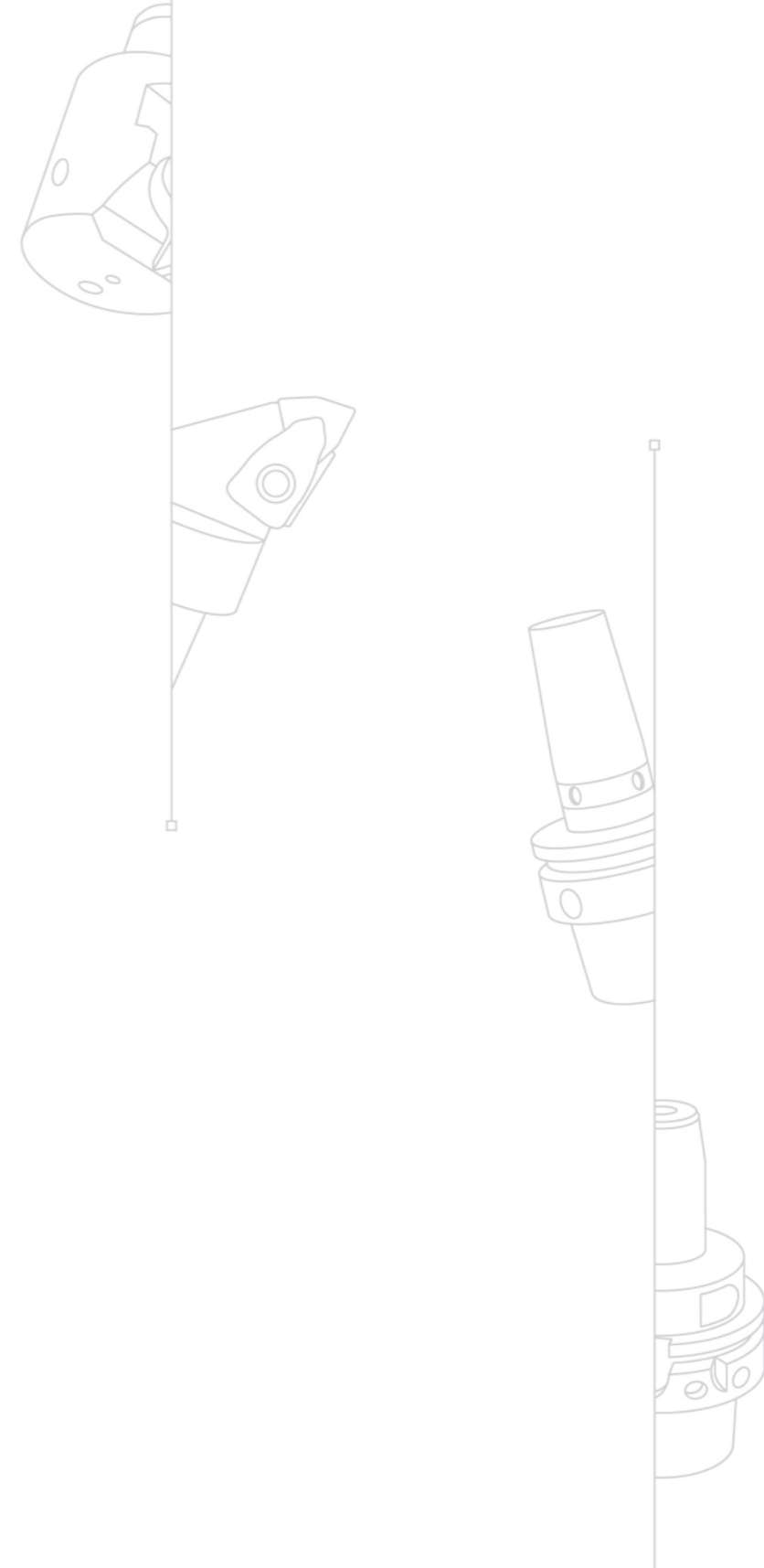
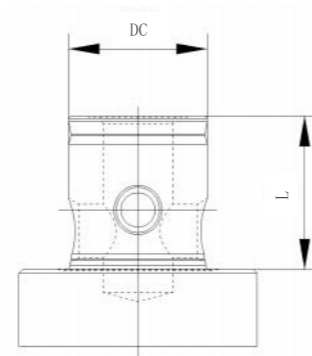
单位 | Unit: mm

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



01

镗杆配合BFC系列精镗刀使用
The boring bar is used with BFC series
fine boring tools

02

镗杆本身带有内冷孔
It has internal cooling holes

BFC 系列镗杆命名方式

Naming And Coding Rules

CY	10	11	039	TC06
01	02	03	04	05

01 镗杆类型 Boring bar Type	
CY	圆柄型 Cylinde

02 圆柄直径 Diameter

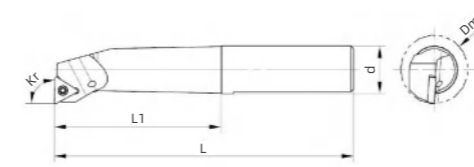
03 最小镗削直径 Minimum Boring Diameter

04 有效长度 Length

05 适配刀片 Insert

BFC-TC 系列镗杆

Boring Bar 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	尺寸 Dimension				主偏角 Main Declination	重量 Weight	刀片 Insert
	Dmin	d	L1	L	Kr	KG	
CY10-08028TC06	8	10	28	59	92°	0.04	TC.. 06T102
CY10-11039TC06	11	10	39	69	92°	0.05	TC.. 06T102
CY10-14042TC09	14	10	42	72	92°	0.06	TC.. 090204
CY10-17060TC09	17	10	60	90	92°	0.07	TC.. 090204
CY12-08028TC06	8	12	28	64	92°	0.05	TC.. 06T102
CY12-11039TC06	11	12	39	75	92°	0.06	TC.. 06T102
CY12-14042TC09	14	12	42	78	92°	0.07	TC.. 090204
CY12-17060TC09	17	12	60	96	92°	0.08	TC.. 090204
CY12-20060TC09	20	12	60	96	92°	0.08	TC.. 090204
CY16-08028TC06	8	16	28	74	92°	0.08	TC.. 06T102
CY16-11039TC06	11	16	39	85	92°	0.09	TC.. 06T102
CY16-14049TC09	14	16	49	95	92°	0.12	TC.. 090204
CY16-17056TC09	17	16	56	102	92°	0.13	TC.. 090204
CY16-20080TC09	20	16	80	126	92°	0.16	TC.. 090204
CY16-23080TC09	23	16	80	126	92°	0.16	TC.. 090204
CY16-26080TC09	26	16	80	126	92°	0.16	TC.. 090204

> 备件 | Accessory

刀片 Insert	刀片螺钉 Screw(Insert)	刀片螺钉扳手 Key(Insert)
TC.. 06T102	ILD2042	242.060.35
TC.. 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

精镗刀BFG系列
FINE-BORING BFG SERIES

01

用于 $\Phi 200$ - $\Phi 550$ mm的孔径精加工
Apply to $\Phi 200$ - $\Phi 550$ mm aperture finishing

03

航空铝桥架具有较轻的重量
可减少主轴负载
Aviation aluminum bridge with less
weight can reduce the spindle load

05

可进行径向调节
Radial adjustment is available

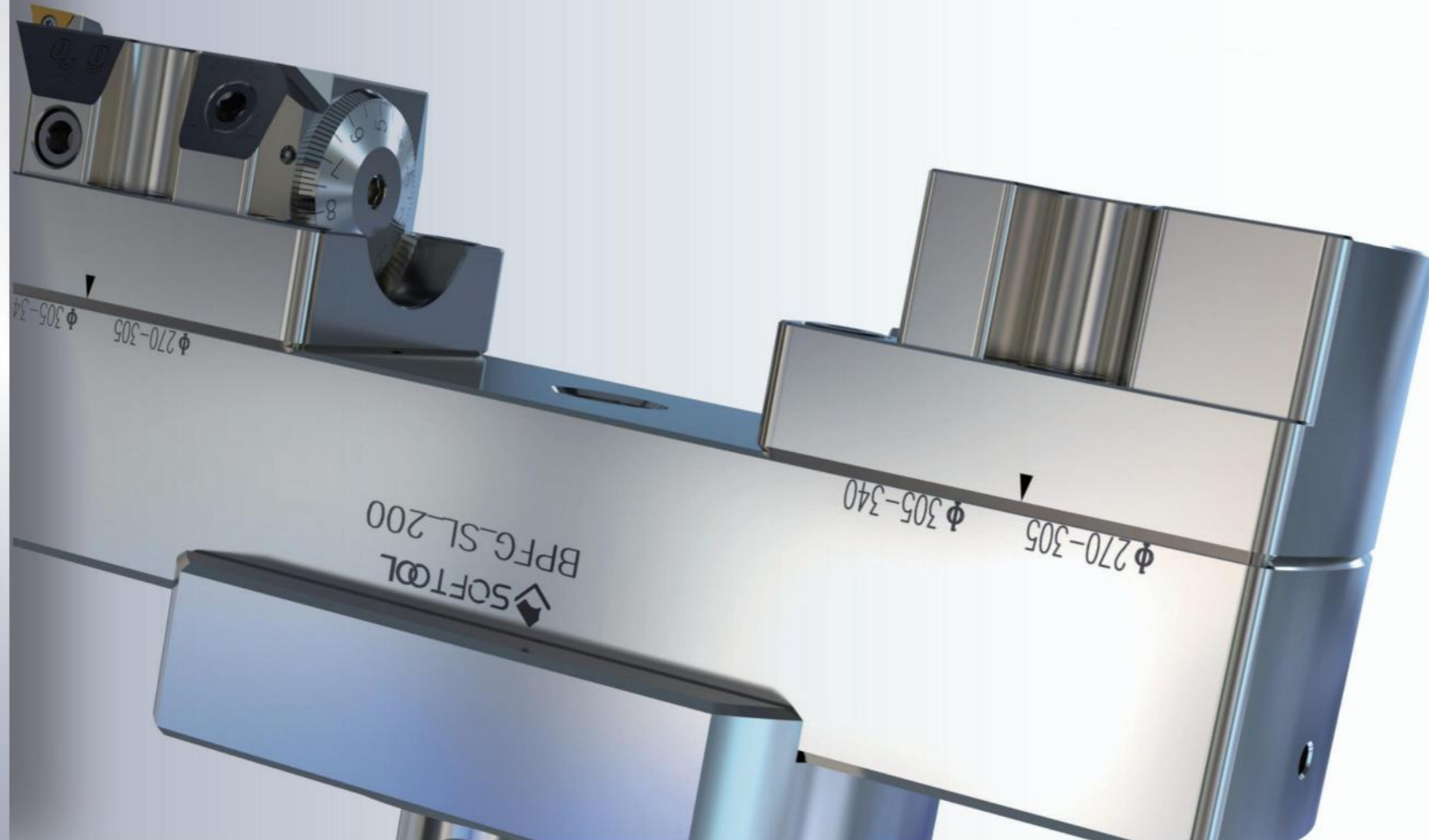
02

加工孔径公差可达IT6级
Machining aperture tolerance can
reach IT6

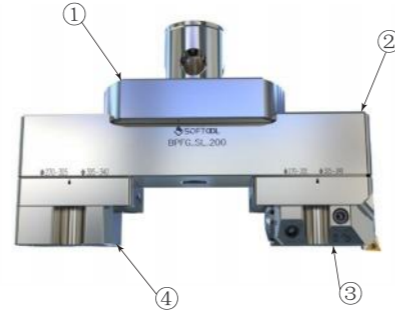
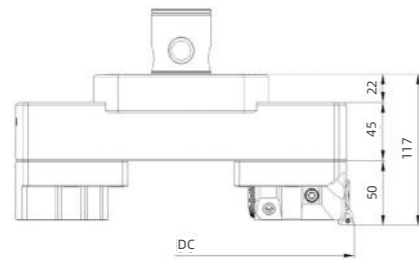
04

直径调节精度0.01mm
Diameter adjustment accuracy: 0.01mm

NEW!



BFG-TC 系列
BFG-TC Series **NEW!**



镗削范围 Boring Range	法兰座① Flange Adaptor		桥架式刀座② Bridge Adaptor ②		精镗头③ Adaptor ③		配重块④ Counter-Weight ④		刀片 Insert
	型号 (重量) Product ID (kg)	重量 (kg)	型号 Product ID	重量 (kg)	型号 Product ID	重量 (kg)	型号 Product ID	重量 (kg)	
200 270	CKB7-FLN135 (2.76kg)	1.44	BLN200-270AL	1.44	BFG200	1.44	BFG200CW	1.44	TC..110204
270 340			BLN270-340AL	2.04	BFG200	1.44	BFG200CW	1.44	TC..110204
340 410	CKB7-FLN135.90 (2.76kg)	1.44	BLN340-410AL	2.64	BFG200	1.44	BFG200CW	1.44	TC..110204
410 480	PSC80-FLN135(3.8kg)		BLN410-480AL	3.24	BFG200	1.44	BFG200CW	1.44	TC..110204
480 550	PSC80-FLN135.90(3.8kg)	1.44	BLN480-550AL	3.84	BFG200	1.44	BFG200CW	1.44	TC..110204

- 精镗头附带刀夹 FNH7-1，如需其他刀夹需单独订购
- 不带刀片
- 标准品的刀尖与传动键槽同相位（法兰座 CKB7-FLN135.90、PSC80-FLN135.90 的刀尖与传动键槽成 90°）

- The fine boring head comes with the FNH7-1 holder, other holders must be ordered separately
- Blades not included
- The tip of the standard product is in phase with the drive keyway (the tip of flange holders CKB7-FLN135.90, PSC80-FLN135.90 is at 90° to the drive keyway)

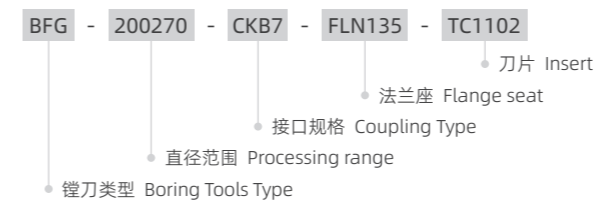
BFG-TC 系列
BFG-TC Series **NEW!**

> 技术参数 | Technical parameters

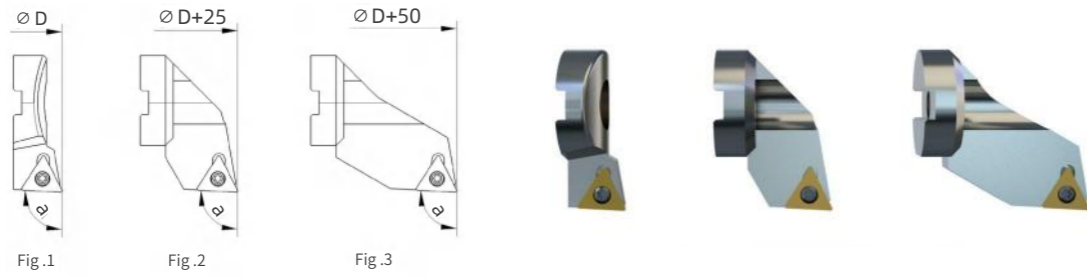
单位 | Unit: mm

订货号 Ordering code	镗削范围 Boring Range	法兰座 Flange seat	桥架式刀座 Adaptor	刀片 Insert	
BFG-200270-CKB7-FLN135-TC1102	200	270	CKB7-FLN135	BLN200-270AL	TC1102
BFG-200270-CKB7-FLN135.90-TC1102	200	270	CKB7-FLN135.90	BLN200-270AL	TC1102
BFG-200270-PSC80-FLN135-TC1102	200	270	PSC80-FLN135	BLN200-270AL	TC1102
BFG-200270-PSC80-FLN135.90-TC1102	200	270	PSC80-FLN135.90	BLN200-270AL	TC1102
BFG-270340-CKB7-FLN135-TC1102	200	270	CKB7-FLN135	BLN270-340AL	TC1102
BFG-270340-CKB7-FLN135.90-TC1102	270	340	CKB7-FLN135.90	BLN270-340AL	TC1102
BFG-270340-PSC80-FLN135-TC1102	270	340	PSC80-FLN135	BLN270-340AL	TC1102
BFG-270340-PSC80-FLN135.90-TC1102	270	340	PSC80-FLN135.90	BLN270-340AL	TC1102
BFG-340410-CKB7-FLN135-TC1102	340	410	CKB7-FLN135	BLN340-410AL	TC1102
BFG-340410-CKB7-FLN135.90-TC1102	340	410	CKB7-FLN135.90	BLN340-410AL	TC1102
BFG-340410-PSC80-FLN135-TC1102	340	410	PSC80-FLN135	BLN340-410AL	TC1102
BFG-340410-PSC80-FLN135.90-TC1102	340	410	PSC80-FLN135.90	BLN340-410AL	TC1102
BFG-410480-CKB7-FLN135-TC1102	410	480	CKB7-FLN135	BLN410-480AL	TC1102
BFG-410480-CKB7-FLN135.90-TC1102	410	480	CKB7-FLN135.90	BLN410-480AL	TC1102
BFG-410480-PSC80-FLN135-TC1102	410	480	PSC80-FLN135	BLN410-480AL	TC1102
BFG-410480-PSC80-FLN135.90-TC1102	410	480	PSC80-FLN135.90	BLN410-480AL	TC1102
BFG-480550-CKB7-FLN135-TC1102	480	550	CKB7-FLN135	BLN480-550AL	TC1102
BFG-480550-CKB7-FLN135.90-TC1102	480	550	CKB7-FLN135.90	BLN480-550AL	TC1102
BFG-480550-PSC80-FLN135-TC1102	480	550	PSC80-FLN135	BLN480-550AL	TC1102
BFG-480550-PSC80-FLN135.90-TC1102	480	550	PSC80-FLN135.90	BLN480-550AL	TC1102

> 命名方式 | Naming And Coding Rules



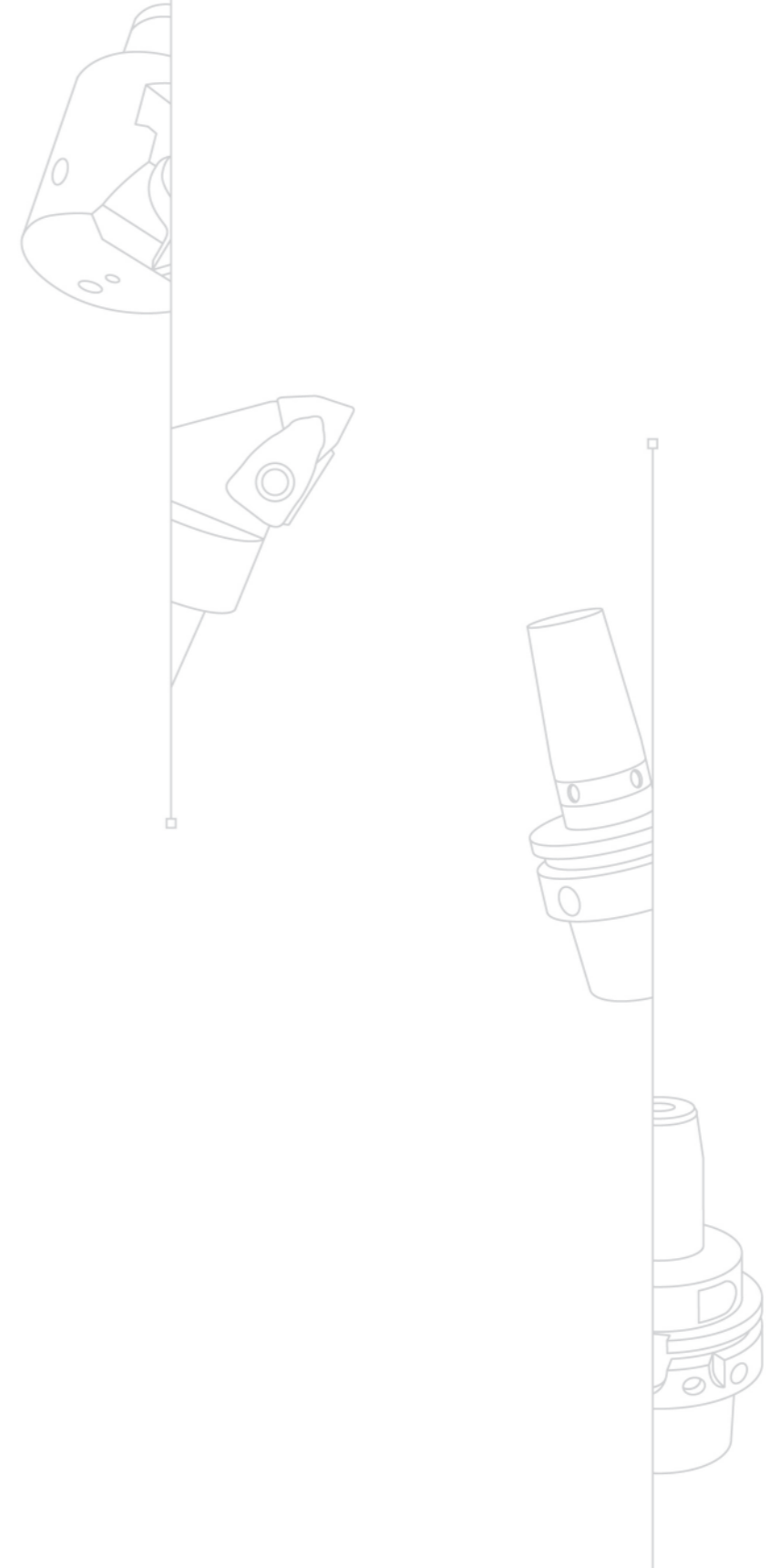
刀夹
Cartridge **NEW!**



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	Fig	主偏角 I (a)Kr	刀片 Insert	刀片螺钉 Insert screw	刀片螺钉扳手 Key(Insert)
FNH7-1	1	93°	TC..110204	SFS2565	242.070.35
FNH7-2	2	93°	TC..110204	SFS2565	242.070.35
FNH7-3	3	93°	TC..110204	SFS2565	242.070.35



镗刀转接柄
BORING TOOL
ADAPTOR & HOLDER



01

包含两种系列：CK基础柄系列 芯轴基础柄系列

Two connection series: CK, Arbor

镗刀转接柄命名方式 Naming And Coding Rules



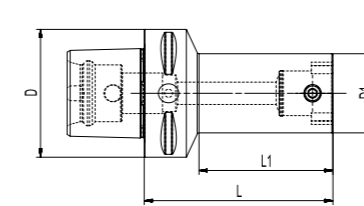
01 主接口规格 Coupling Type			
BT	SK	HSK	CK
BT30	SK30	HSK40A	CK1
BT40	SK40	HSK50A	CK2
BT50	SK50	HSK63A	CK3
		HSK100A	CK4
			CK5
			CK6
			CK7

02 转换接口规格 Chuck Type	
Arbor	CK
22	CK1
32	CK2
40	CK3
60	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 PSC 系列 CK Connection with HSK Adaptor



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	D	D1	L	L1	侧固螺钉 Screw (Side-fixed)	扳手 Key	重量 Weight
PSC40-CKB1-48	40	19	47.5	22	261.040.05	241.020.50	0.4
-CKB2-45	40	24	44.5	19	261.050.06	241.025.56	0.4
-CKB3-40	40	31	40	17	261.060.08	241.030.63	0.5
-CKB4-33	40	39	33	15	261.080.11	241.040.70	0.5
PSC50-CKB1-73	50	19	72.5	47	261.040.05	241.020.50	0.5
-CKB2-85	50	24	84.5	60	261.050.06	241.025.56	0.6
-CKB3-55	50	31	55	30	261.060.08	241.030.63	0.6
-CKB4-48	50	39	48	24	261.080.11	241.040.70	0.6
-CKB5-50	50	50	50	-	261.100.14	241.050.80	0.6
-CKB6-50	50	64	50	-	261.120.18	241.060.90	1.0
PSC63-CKB1-78	63	19	77.5	50	261.040.05	241.020.50	1.2
-CKB2-90	63	24	89.5	62	261.050.06	241.025.56	1.3
-CKB3-65	63	31	65	38	261.060.08	241.030.63	1.3
-100	63	31	100	73	261.060.08	241.030.63	1.5
-CKB4-58	63	39	58	31	261.080.11	241.040.70	1.3
-93	63	39	93	66	261.080.11	241.040.70	1.7
-CKB5-48	63	50	48	22	261.100.14	241.050.80	1.3
-83	63	50	83	57	261.100.14	241.050.80	1.7
-CKB6-59	63	64	59	-	261.120.18	241.060.90	1.6
-94	63	64	94	-	261.120.18	241.060.90	2.3

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CK 基础柄 PSC 系列

CK Connection with HSK Adaptor

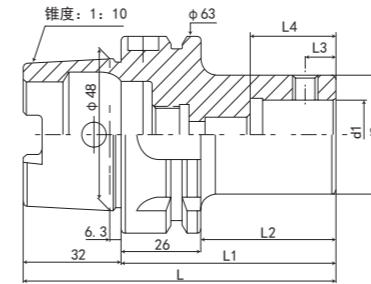
CK 基础柄 HSK 系列

CK Connection with HSK Adaptor

> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	D	D1	L	L1	侧固螺钉 Screw (Side-fixed)	扳手 Key	重量 Weight
PSC80-CKB4-118	80	39	118	83	261.080.11	241.040.70	2.4
-178	80	39	178	143	261.080.11	241.040.70	3.0
-CKB5-108	80	50	108	73	261.100.14	241.050.80	2.7
-183	80	50	183	148	261.100.14	241.050.80	3.8
-CKB6-74	80	64	74	39	261.120.18	241.060.90	2.5
-169	80	64	169	135	261.120.18	241.060.90	4.8
-CKB7-73	80	90	73	-	261.200.29	241.100.00	3.1
-123	80	90	123	-	261.200.29	241.100.00	5.6



> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering Code	L	L1	L2	L3	L4	d1	d2	侧固螺钉 Screw	重量 Weight
HSK63A-CK1-075	107	75	49	5.05	30	11	19	M4*0.5P	0.90
-105	137	105	79	5.05	30	11	19	M4*0.5P	0.90
-CK2-090	122	90	64	6.62	31	14	24	M5*0.5P	1.00
-120	152	120	94	6.62	31	14	24	M5*0.5P	1.00
-CK3-100	132	100	74	8	35	18	31	M6*0.75P	1.10
-135	167	135	109	8	35	18	31	M6*0.75P	1.30
-165	197	165	139	8	35	18	31	M6*0.75P	1.60
-CK4-090	122	90	64	10	39	22	39	M8*0.75P	1.30
-130	162	130	104	10	39	22	39	M8*0.75P	1.60
-170	202	170	144	10	39	22	39	M8*0.75P	2.00
-CK5-080	112	80	54	13	45	28	50	M10*1.0P	1.50
-135	167	135	109	13	45	28	50	M10*1.0P	2.20
-180	212	180	154	13	45	28	50	M10*1.0P	2.90
-215	247	215	189	13	45	28	50	M10*1.0P	3.40
-CK6-80	112	80	54	16	55	36	63	M12*1.0P	-
-115	147	115	89	16	55	36	63	M12*1.0P	-
-150	182	150	124	16	55	36	63	M12*1.0P	3.20
-180	212	180	154	16	55	36	63	M12*1.0P	3.90
-215	247	215	189	16	55	36	63	M12*1.0P	4.80
HSK100A-CK1-100	150	100	71	5.05	30	11	19	M4*0.5P	2.30
-145	195	145	116	5.05	30	11	19	M4*0.5P	2.60
-CK2-080	130	80	51	6.62	31	14	24	M5*0.5P	2.50
-115	165	115	86	6.62	31	14	24	M5*0.5P	2.60
-165	215	165	136	6.62	31	14	24	M5*0.5P	2.90

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CK 基础柄 HSK 系列

CK Connection with HSK Adaptor

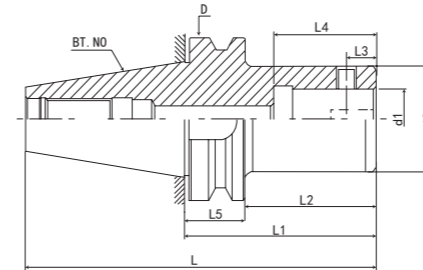
技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering Code	L	L1	L2	L3	L4	d1	d2	侧固螺钉 Screw	重量 Weight
HSK100A-CK3-090	140	90	61	8	35	18	31	M6*0.75P	2.60
-125	175	125	96	8	35	18	31	M6*0.75P	2.80
-165	215	165	136	8	35	18	31	M6*0.75P	3.10
-CK4-120	170	120	91	10	39	22	39	M8*0.75P	3.00
-155	205	155	126	10	39	22	39	M8*0.75P	-
-180	230	180	151	10	39	22	39	M8*0.75P	3.60
-215	265	215	186	10	39	22	39	M8*0.75P	3.90
-CK5-110	160	110	81	13	45	28	50	M10*1.0P	3.20
-145	195	145	116	13	45	28	50	M10*1.0P	3.80
-180	230	180	151	13	45	28	50	M10*1.0P	4.30
-230	280	230	201	13	45	28	50	M10*1.0P	5.00
-270	320	270	241	13	45	28	50	M10*1.0P	5.50
-CK6-110	160	110	81	16	55	36	63	M12*1.0P	3.90
-145	195	145	116	16	55	36	63	M12*1.0P	4.70
-170	220	170	141	16	55	36	63	M12*1.0P	5.10
-230	280	230	201	16	55	36	63	M12*1.0P	6.50
-270	320	270	241	16	55	36	63	M12*1.0P	7.50
-300	350	300	271	16	55	36	63	M12*1.0P	8.30
-CK7-125	-	125	-	19.15	-	46	90	M20*1.0P	5.22
-200	-	200	-	19.15	-	46	90	M20*1.0P	6.88
-275	-	275	-	19.15	-	46	90	M20*1.0P	8.26

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	L	L1	L2	L3	L4	L5	D	d1	d2	侧固螺钉 Screw	重量 Weight
BT30-CK1-055	103.4	55	33	5.05	30	22	46	11	19	M4*0.5P	0.70
-070	118.4	70	48	5.05	30	22	46	11	19	M4*0.5P	0.70
-CK2-080	128.4	80	58	6.62	31	22	46	14	24	M5*0.5P	0.80
-CK3-080	128.4	80	58	8	35	22	46	18	31	M6*0.75P	0.90
-CK4-070	118.4	70	48	10	39	22	46	22	39	M8*0.75P	1.00
-CK5-060	108.4	60	38	13	45	22	46	28	50	M10*1.0P	1.10
-CK6-060	108.4	60	38	16	55	22	46	36	63	M12*1.0P	1.20
BT40-CK1-075	140.4	75	48	5.05	30	27	63	11	19	M4*0.5P	1.00
-105	170.4	105	78	5.05	30	27	63	11	19	M4*0.5P	1.20
-CK2-085	150.4	85	58	6.62	31	27	63	14	24	M5*0.5P	1.20
-115	180.4	115	88	6.62	31	27	63	14	24	M5*0.5P	1.30
-CK3-095	160.4	95	68	8	35	27	63	18	31	M6*0.75P	1.10
-125	190.4	125	98	8	35	27	63	18	31	M6*0.75P	1.20
-155	220.4	155	128	8	35	27	63	18	31	M6*0.75P	1.60
-185	250.4	185	158	8	35	27	63	18	31	M6*0.75P	1.70
-CK4-085	150.4	85	58	10	39	27	63	22	39	M8*0.75P	1.45
-130	195.4	130	103	10	39	27	63	22	39	M8*0.75P	1.50
-175	240.4	175	148	10	39	27	63	22	39	M8*0.75P	2.10
-CK5-075	140.4	75	48	13	45	27	63	28	50	M10*1.0P	1.70
-125	190.4	125	98	13	45	27	63	28	50	M10*1.0P	1.95
-175	240.4	175	148	13	45	27	63	28	50	M10*1.0P	3.00
-CK6-065	130.4	65	38	16	55	27	63	36	63	M12*1.0P	2.15
-115	180.4	115	88	16	55	27	63	36	63	M12*1.0P	3.50
-165	230.4	165	138	16	55	27	63	36	63	M12*1.0P	3.85

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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	L	L1	L2	L3	L4	L5	D	d1	d2	侧固螺钉 Screw	重量 Weight
BT40-CK6-205	270.4	205	178	16	55	27	63	36	63	M12*1.0P	4.10
BT50-CK1-090	191.8	90	52	5.05	30	38	100	11	19	M4*0.5P	3.70
-115	216.8	115	77	5.05	30	38	100	11	19	M4*0.5P	3.90
-145	246.8	145	107	5.05	30	38	100	11	19	M4*0.5P	4.40
-CK2-090	191.8	90	52	6.62	31	38	100	14	24	M5*0.5P	3.80
-110	211.8	110	72	6.62	31	38	100	14	24	M5*0.5P	4.00
-140	241.8	140	102	6.62	31	38	100	14	24	M5*0.5P	5.00
-CK3-090	191.8	90	52	8	35	38	100	18	31	M6*0.75P	4.40
-125	226.8	125	87	8	35	38	100	18	31	M6*0.75P	4.40
-155	256.8	155	117	8	35	38	100	18	31	M6*0.75P	4.60
-CK4-090	191.8	90	52	10	39	38	100	22	39	M8*0.75P	4.60
-115	216.8	115	77	10	39	38	100	22	39	M8*0.75P	4.80
-145	246.8	145	107	10	39	38	100	22	39	M8*0.75P	4.70
-175	276.8	175	137	10	39	38	100	22	39	M8*0.75P	5.10
-205	306.8	205	167	10	39	38	100	22	39	M8*0.75P	5.40
-CK5-090	191.8	90	52	13	45	38	100	28	50	M10*1.0P	5.40
-105	206.8	105	67	13	45	38	100	28	50	M10*1.0P	5.50
-150	251.8	150	112	13	45	38	100	28	50	M10*1.0P	6.00
-180	281.8	180	142	13	45	38	100	28	50	M10*1.0P	6.20
-240	341.8	240	202	13	45	38	100	28	50	M10*1.0P	6.40
-270	371.8	270	232	13	45	38	100	28	50	M10*1.0P	6.70
-CK6-095	196.8	95	57	16	55	38	100	36	63	M12*1.0P	5.90
-150	251.8	150	112	16	55	38	100	36	63	M12*1.0P	6.50
-170	271.8	170	132	16	55	38	100	36	63	M12*1.0P	6.30
-205	306.8	205	167	16	55	38	100	36	63	M12*1.0P	6.90
-230	331.8	230	192	16	55	38	100	36	63	M12*1.0P	7.45
-270	371.8	270	232	16	55	38	100	36	63	M12*1.0P	8.20
-300	401.8	300	262	16	55	38	100	36	63	M12*1.0P	9.50
-350	451.8	350	312	16	55	38	100	36	63	M12*1.0P	10.80
-CK7-085	-	85	-	19.15	-	-	-	46	90	M20*1.0P	4.96
-150	-	150	-	19.15	-	-	-	46	90	M20*1.0P	6.52
-210	-	210	-	19.15	-	-	-	46	90	M20*1.0P	8.55
-250	-	250	-	19.15	-	-	-	46	90	M20*1.0P	10.35
-300	-	300	-	19.15	-	-	-	46	90	M20*1.0P	12.55
-350	-	350	-	19.15	-	-	-	46	90	M20*1.0P	13.25

CK 基础柄 SK 系列

CK Connection with SK Adaptor

技术参数 | Technical parameters

单位 | Unit: mm

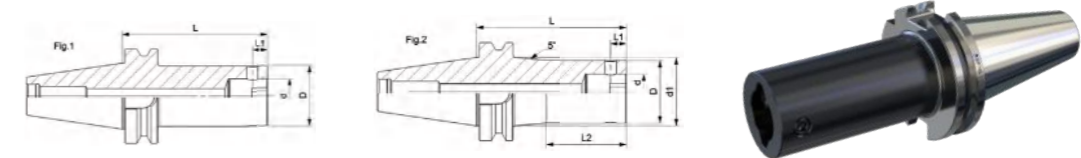


Fig 1

Fig 2

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	M5x5-30D	L025	0.42
-070	1	19	11	-	5.05	-	70	M5x5-30D	L025	0.45
-CK2-080	1	24	14	-	6.45	-	80	M5x6-30D	L025	0.54
-CK3-080	1	31	18	-	7.9	-	80	M6x9-30D	L03	0.68
-CK4-070	1	39	22	-	10	-	70	M8x12-30D	L04	0.68
-CK5-070	1	50	28	-	13	-	70	M10x16-30D	L05	0.88
-CK6-080	1	64	36	-	16	-	80	M12x20-30D	L06	0.89
SK40-CK1-070	1	19	11	-	5.05	-	70	M5x5-30D	L025	1.03
-100	2	19	11	20.7	5.05	60	100	M5x5-30D	L025	1.10
-CK2-075	1	24	14	-	6.45	-	75	M5x6-30D	L025	1.10
-100	1	24	14	-	6.45	-	100	M5x6-30D	L025	1.18
-130	2	24	14	28.3	6.45	75	130	M5x6-30D	L025	1.33
-160	2	24	14	33.6	6.45	75	160	M5x6-30D	L025	1.49
-CK3-080	1	31	18	-	7.9	-	80	M6x9-30D	L03	1.22
-100	1	31	18	-	7.9	-	100	M6x9-30D	L03	1.32
-135	2	31	18	34.5	7.9	85	135	M6x9-30D	L03	1.54
-165	2	31	18	39.7	7.9	85	165	M6x9-30D	L03	1.76
-CK4-070	1	39	22	-	10	-	70	M8x12-30D	L04	1.21
-100	1	39	22	-	10	-	100	M8x12-30D	L04	1.46
-150	2	39	22	43.4	10	95	150	M8x12-30D	L04	1.90
-170	2	39	22	46.9	10	95	170	M8x12-30D	L04	2.16
-CK5-080	1	50	28	-	13	-	80	M10x16-30D	L05	1.52
-100	1	50	28	-	13	-	100	M10x16-30D	L05	1.80
-150	1	50	28	-	13	-	150	M10x16-30D	L05	2.52

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CK 基础柄 SK 系列

CK Connection with SK Adaptor

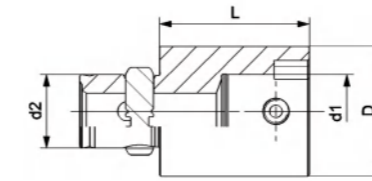
技术参数 | Technical parameters

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
SK40-CK5-180	1	50	28	-	13	-	180	M10×16-30D	L05	2.90
-CK6-090	1	64	36	-	16	-	90	M12×20-30D	L06	2.29
-150	1	64	36	-	16	-	150	M12×20-30D	L06	3.50
-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	3.60
-115	2	19	11	20.7	5.05	60	115	M5×5-30D	L025	3.73
-145	2	19	11	26	5.05	60	145	M5×5-30D	L025	4.20
-CK2-080	1	24	14	-	6.45	-	80	M5×6-30D	L025	3.60
-105	1	24	14	-	6.45	-	105	M5×6-30D	L025	3.78
-135	2	24	14	26.6	6.45	75	135	M5×6-30D	L025	3.89
-165	2	24	14	31.9	6.45	75	165	M5×6-30D	L025	4.08
-CK3-085	1	31	18	-	7.9	-	85	M6×9-30D	L03	3.80
-110	1	31	18	-	7.9	-	110	M6×9-30D	L03	3.95
-140	2	31	18	32.7	7.9	85	140	M6×9-30D	L03	4.09
-170	2	31	18	38	7.9	85	170	M6×9-30D	L03	4.31
-CK4-100	1	39	22	-	10	-	100	M8×12-30D	L04	3.98
-160	2	39	22	42.5	10	95	160	M8×12-30D	L04	4.50
-205	2	39	22	50	10	95	205	M8×12-30D	L04	5.13
-CK5-090	1	50	28	-	13	-	90	M10×16-30D	L05	4.30
-165	1	50	28	-	13	-	165	M10×16-30D	L05	5.20
-210	2	50	28	57.8	13	120	210	M10×16-30D	L05	5.92
-270	2	50	28	68.4	13	120	270	M10×16-30D	L05	7.23
-CK6-085	1	64	36	-	16	-	85	M12×20-30D	L06	4.28
-155	1	64	36	-	16	-	155	M12×20-30D	L06	5.97
-215	1	64	36	-	16	-	215	M12×20-30D	L06	7.43
-250	1	64	36	-	16	-	250	M12×20-30D	L06	8.27
-300	2	64	36	80.5	16	160	300	M12×20-30D	L06	10.21
-CK7-085	1	90	46	-	19.15	-	85	M20×29-30D	L10	4.96
-150	1	90	46	-	19.15	-	150	M20×29-30D	L10	6.52
-210	1	90	46	-	19.15	-	210	M20×29-30D	L10	8.55
-250	1	90	46	-	19.15	-	250	M20×29-30D	L10	10.35
-300	1	90	46	-	19.15	-	300	M20×29-30D	L10	12.55
-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

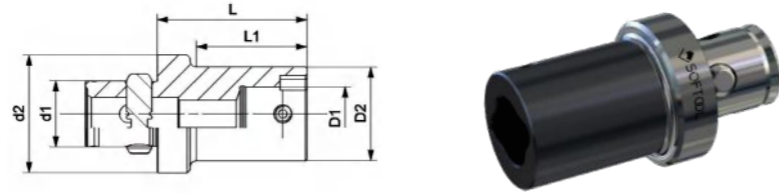


技术参数 | Technical parameters

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
-060	39	22	22	60	M8×12-30D	L04	0.47
CK5-CK5-060	50	28	28	60	M10×16-30D	L05	0.75
-090	50	28	28	90	M10×16-30D	L05	1.18
CK6-CK6-060	64	36	36	60	M12×20-30D	L06	1.46
-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

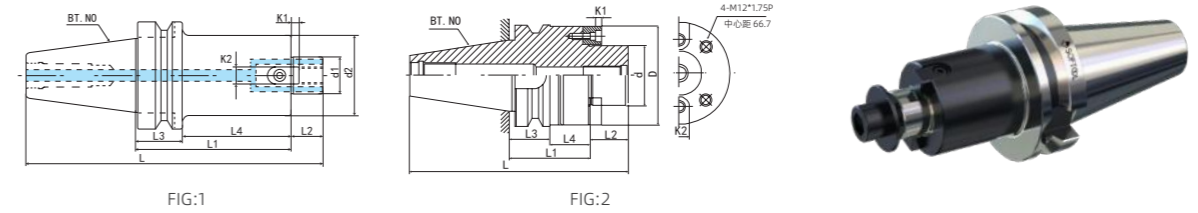
单位 | Unit: mm

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	M5x5-30D	L025	0.08
CK3-CK1-041	11	19	18	31	30	41	M5x5-30D	L025	0.12
-CK2-037	14	24	18	31	25	37	M5x6-30D	L025	0.13
CK4-CK1-058	11	19	22	39	40	58	M5x5-30D	L025	0.24
-CK2-050	14	24	22	39	36	50	M5x6-30D	L025	0.22
-CK3-050	18	31	22	39	37	50	M6x9-30D	L03	0.30
CK5-CK1-060	11	19	28	50	40	60	M5x5-30D	L025	0.38
-CK2-054	14	24	28	50	35	54	M5x6-30D	L025	0.38
-074	14	24	28	50	55	74	M5x6-30D	L025	0.45
-CK3-047	18	31	28	50	29	47	M6x9-30D	L03	0.46
-072	18	31	28	50	54	72	M6x9-30D	L03	0.54
-CK4-042	22	39	28	50	25	42	M8x12-30D	L04	0.43
-067	22	39	28	50	50	67	M8x12-30D	L04	0.62
CK6-CK1-070	11	19	36	64	40	70	M5x5-30D	L025	0.90
-CK2-063	14	24	36	64	45	63	M5x6-30D	L025	0.66
-093	14	24	36	64	75	93	M5x6-30D	L025	0.71
-CK3-056	18	31	36	64	39	56	M6x9-30D	L03	0.70
-096	18	31	36	64	79	96	M6x9-30D	L03	0.91
-CK4-051	22	39	36	64	35	51	M8x12-30D	L04	0.76
-101	22	39	36	64	85	101	M8x12-30D	L04	1.19
-CK5-041	28	50	36	64	25	41	M10x16-30D	L05	0.72
-091	28	50	36	64	75	91	M10x16-30D	L05	1.46
CK7-CK6-106	36	64	46	90	99	106	M12x20-30D	L06	3.12

● 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 BT 系列 Arbor Connection with BT Adaptor



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering Code	L1	L	L2	L3	L4	d	D	K1	K2	四螺孔中心距 (PCD)	M	FIG	重量 Weight
BT30-FMB22-045	45	111.4	18	27	18	22	48	4.8	10	-	M10*1.5P	1	0.75
-060	60	126.4	18	27	33	22	48	4.8	10	-	M10*1.5P	1	1.50
-FMB32-045	45	115.4	22	27	18	32	63	6.8	14	-	M16*2.0P	1	1.50
-060	60	130.4	22	27	33	32	63	6.8	14	-	M16*2.0P	1	1.60
BT40-FMB22-060	60	143.4	18	27	33	22	44	4.8	10	-	M10*1.5P	1	1.50
-100	100	183.4	18	27	73	22	44	4.8	10	-	M10*1.5P	1	2.05
-150	150	233.4	18	27	123	22	44	4.8	10	-	M10*1.5P	1	2.75
-FMB32-060	60	147.4	22	27	33	32	63	6.8	14	-	M16*2.0P	1	1.90
-100	100	187.4	22	27	73	32	63	6.8	14	-	M16*2.0P	1	2.80
-150	150	237.4	22	27	123	32	63	6.8	14	-	M16*2.0P	1	3.60
-200	200	287.4	22	27	173	32	63	6.8	14	-	M16*2.0P	1	4.20
BT50-FMB22-060	60	179.8	18	38	22	22	44	4.8	10	-	M10*1.5P	1	4.60
-100	100	219.8	18	38	62	22	44	4.8	10	-	M10*1.5P	1	4.55
-150	150	269.8	18	38	112	22	44	4.8	10	-	M10*1.5P	1	5.25
-FMB32-060	60	183.8	22	38	22	32	70	6.8	14	-	M16*2.0P	1	4.65
-100	100	223.8	22	38	62	32	70	6.8	14	-	M16*2.0P	1	5.60
-150	150	273.8	22	38	112	32	70	6.8	14	-	M16*2.0P	1	7.85
-200	200	323.8	22	38	162	32	70	6.8	14	-	M16*2.0P	1	9.75
BT40-FMC40-060	60	150.4	25	27	33	40	99	8.3	16	66.7	-	2	2.80
-100	100	190.4	25	27	73	40	99	8.3	16	66.7	-	2	3.60
BT50-FMC40-060	60	186.4	25	38	22	40	99	8.3	16	66.7	-	2	5.50
-100	100	226.4	25	38	62	40	99	8.3	16	66.7	-	2	6.70
-150	150	276.4	25	38	112	40	99	8.3	16	66.7	-	2	7.50
-200	200	326.8	25	38	162	40	99	8.3	16	66.7	-	2	10.75

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芯轴基础柄 BT 系列

Arbor Connection with BT Adaptor

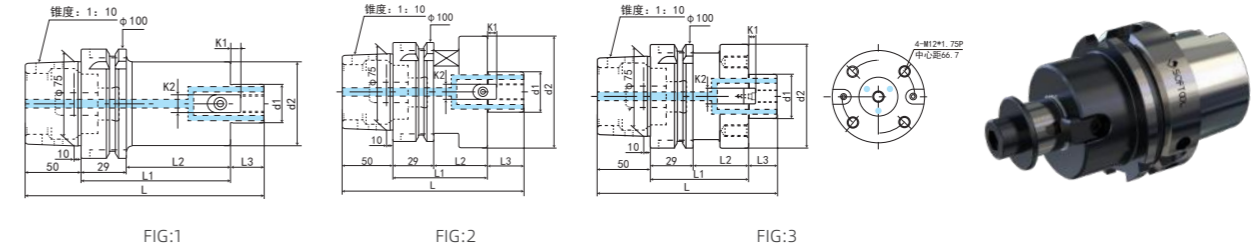
芯轴基础柄 HSK 系列

Arbor Connection with HSK Adaptor

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering Code	L1	L	L2	L3	L4	d	D	K1	K2	四螺孔中心距 (PCD)	M	FIG	重量 Weight
BT50-FMC40-250	250	376.8	25	38	212	40	99	8.3	16	66.7	-	2	14.00
-300	300	426.8	25	38	40	40	99	8.3	16	66.7	-	2	17.25
-FMC60-075	75	165.4	25	27	48	60	128.5	13	25.4	67.7	-	2	5.00
-075	75	201.8	25	38	37	60	128.5	13	25	68.7	-	2	8.50
-100	100	226.8	25	38	62	60	128.5	13	24.6	69.7	-	2	10.00
-150	150	276.8	25	38	112	60	128.5	13	24.2	101.6	-	2	13.50
-200	200	326.8	25	38	162	60	128.5	13	23.8	101.6	-	2	16.00
-250	250	376.8	25	38	212	60	128.5	13	23.4	101.6	-	2	19.00
-300	300	426.8	25	38	262	60	128.5	13	23	101.6	-	2	24.00
-350	350	476.8	25	38	312	60	128.5	13	22.6	101.6	-	2	28.00
-400	400	526.8	25	38	362	60	128.5	13	22.2	101.6	-	2	32.00
-450	450	576.8	25	38	412	60	128.5	13	21.8	101.6	-	2	36.00
-500	500	626.8	25	38	462	60	128.5	13	21.4	101.6	-	2	40.00



技术参数 | Technical parameters

单位 | Unit: mm

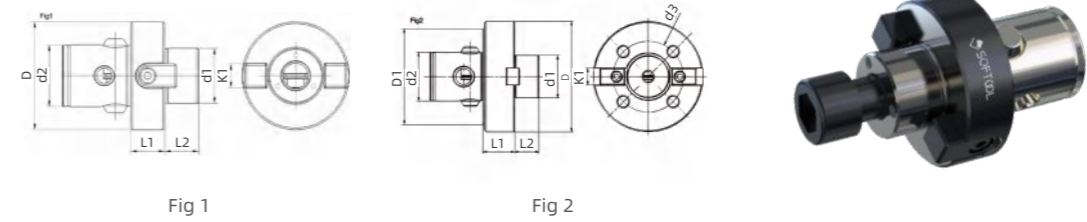
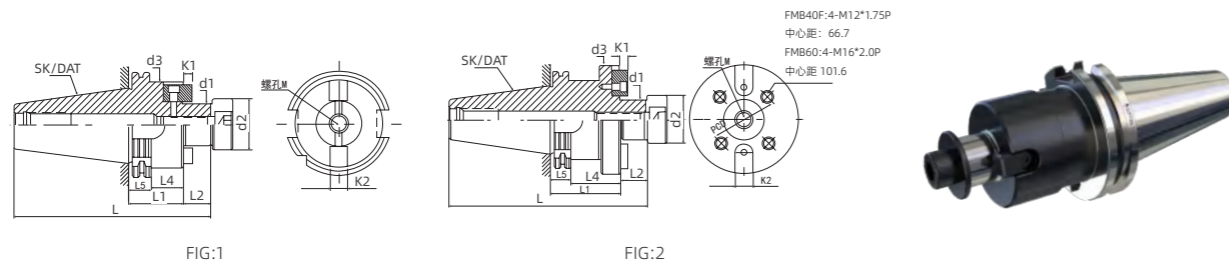
订货号 Ordering Code	L	L1	L2	L3	d1	d2	K1	K2	M	FIG	重量 Weight
HSK63A-FMB22-050	100	50	24	18	22	47	4.8	10	M10*1.5P	1	1.20
-100	150	100	74	18	22	47	4.8	10	M10*1.5P	1	1.80
-150	200	150	124	18	22	47	4.8	10	M10*1.5P	1	2.50
-200	250	200	174	18	22	47	4.8	10	M10*1.5P	1	3.00
-FMB32-060	114	60	34	22	32	63	6.3	14	M16*2.0P	2	1.70
-100	154	100	74	22	32	63	6.3	14	M16*2.0P	2	2.30
-150	204	150	124	22	32	63	6.3	14	M16*2.0P	2	3.10
-200	254	200	174	22	32	63	6.3	14	M16*2.0P	2	3.90
HSK100A-FMB22-050	118	50	21	18	22	47	4.8	10	M16*2.6P	1	2.60
-100	168	100	71	18	22	47	4.8	10	M16*2.7P	1	3.30
-150	218	150	121	18	22	47	4.8	10	M16*2.8P	1	4.00
-FMB32-050	122	50	21	22	32	80	6.8	14	M16*2.0P	1	3.40
-100	172	100	71	22	32	80	6.8	14	M16*2.0P	1	5.30
-150	222	150	121	22	32	80	6.8	14	M16*2.0P	1	-
-200	272	200	171	22	32	80	6.8	14	M16*2.0P	1	9.30
-FMC40-060	135	60	31	25	40	100	8.3	16	-	3	-
-100	175	100	71	25	40	100	8.3	16	-	3	-
-150	225	150	121	25	40	100	8.3	16	-	3	8.10
-200	275	200	171	25	40	100	8.3	16	-	3	-
-FMC60-070	145	70	41	25	60	128	12.5	25	-	3	-
-100	175	100	71	25	60	128	12.5	25	-	3	-

芯轴基础柄 SK 系列

Arbor Connection with SK Adaptor

转接柄

Transfer Adaptor



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering Code	L	L1	L2	L4	L5	d1	d2	d3	k1	k2	M	FIG
SK30-FMB22-035	100.8	35	18	16	19.1	22	26	48	4.8	10	M10*1.5P	1
SK40-FMB22-045	131.4	45	18	26	19.1	22	26	48	4.8	10	M10*1.5P	1
-060	146.4	60	18	41	19.1	22	26	48	4.8	10	M10*1.5P	1
-100	186.4	100	18	81	19.1	22	26	48	4.8	10	M10*1.5P	1
-150	236.4	150	18	131	19.1	22	26	48	4.8	10	M10*1.5P	1
-FMB32-045	110.4	45	22	26	19.1	32	40	70	6.8	14	M16*2.0P	1
-060	125.4	60	22	41	19.1	32	40	70	6.8	14	M16*2.0P	1
-100	165.4	100	22	81	19.1	32	40	70	6.8	14	M16*2.0P	1
SK50-FMB22-045	164.75	45	18	26	19.1	22	26	48	4.8	10	M10*1.5P	1
-060	179.75	60	18	41	19.1	22	26	48	4.8	10	M10*1.5P	1
-100	219.75	100	18	81	19.1	22	26	48	4.8	10	M10*1.5P	1
-150	269.75	150	18	131	19.1	22	26	48	4.8	10	M10*1.5P	1
-200	319.75	200	18	181	19.1	22	26	48	4.8	10	M10*1.5P	1
-FMB32-045	168.75	45	22	26	19.1	32	40	70	6.8	14	M16*2.0P	1
-060	183.75	60	22	41	19.1	32	40	70	6.8	14	M16*2.0P	1
-100	223.75	100	22	81	19.1	32	40	70	6.8	14	M16*2.0P	1
-150	273.75	150	22	231	19.1	32	40	70	6.8	14	M16*2.0P	1
-200	323.75	200	22	281	19.1	32	40	70	6.8	14	M16*2.0P	1
SK40-FMC40-060	153.4	60	25	66.7	19.1	40	-	99	8.3	16	M12*1.75P	2
SK50-FMC40-070	196.75	70	25	66.7	19.1	40	-	99	8.3	16	M12*1.75P	2
-100	226.75	100	25	66.7	19.1	40	-	99	8.3	16	M12*1.75P	2
-150	276.8	150	25	66.7	19.1	40	-	99	8.3	16	M12*1.75P	2
-200	326.8	200	25	66.7	19.1	40	-	99	8.3	16	M12*1.75P	2
-FMC60-070	196.75	70	25	101.6	19.1	60	-	128	12.5	25.4	M16*2.0P	2

技术参数 | Technical parameters

单位 | Unit: mm

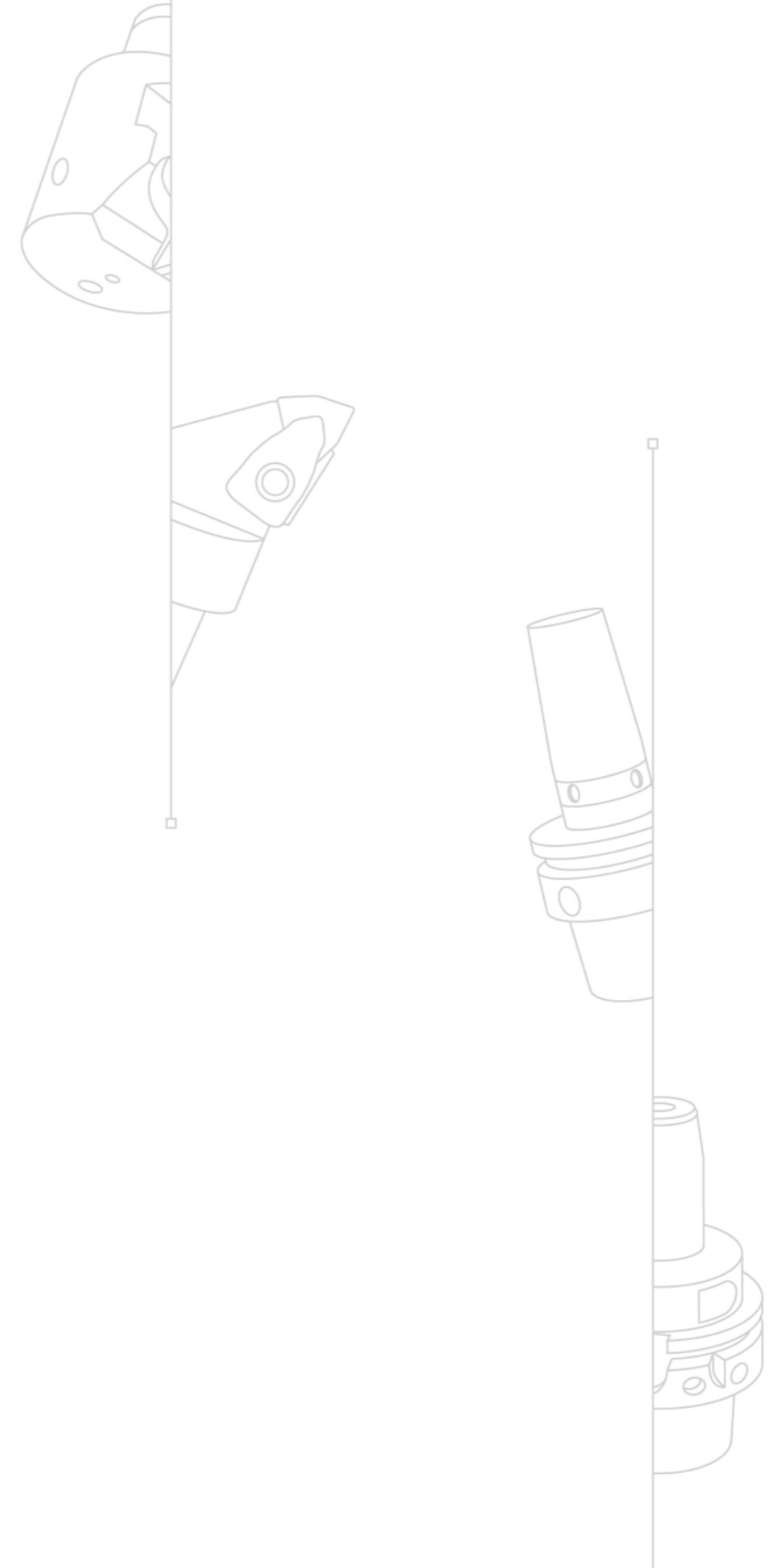
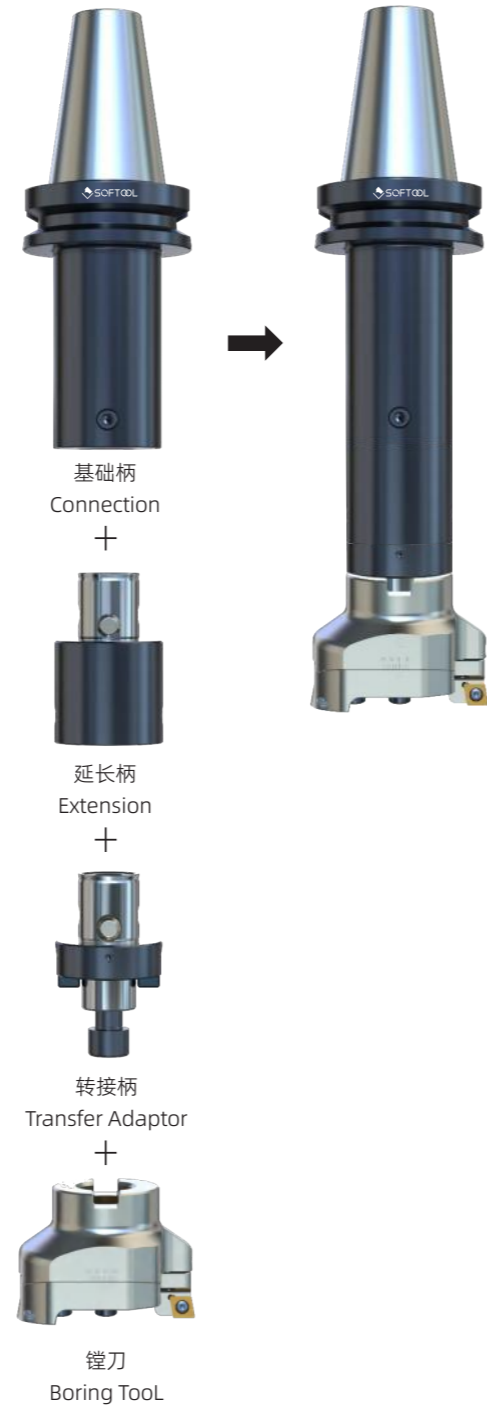
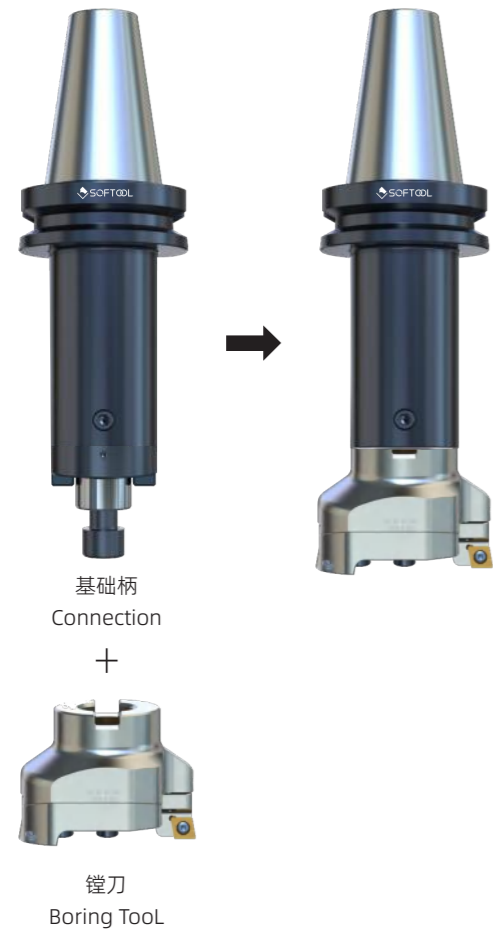
订货号 Ordering code	Fig	d1	d2	d3	D	D1	L1	L2	K1	螺栓 Screw	重量 Weight
CK4-FMB22-015M	1	22	22	-	40	-	15	16	10	113.100.35	0.30
CK5-FMB22-020M	1	22	28	-	50	-	20	16	10	113.100.35	0.42
CK6-FMB32-020M	1	32	36	-	63	-	20	20	14	113.160.40	0.93
-FMB40-030M	2	40	36	66.7	100	64	30	23	16	113.120.40	2.41
CK7-FMB32-030M	1	32	46	-	90	-	30	20	14	113.160.40	1.63
-FMC40-030M	2	40	46	66.7	100	90	30	23	16	113.120.40	2.67
-FMC60-035M	2	60	46	101.6	130	90	35	25	25.4	113.160.50	4.98

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



PSC 产品

PSC PRODUCT

· 是刀具 更是艺术 ·
TOOLING ALSO ARTS



PSC 产品目录 PSC Product Contents

N 命名方式

Naming And Coding Rules

282

E 外圆车刀体

External Turning Tool Body

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I 内圆车刀体

Internal Turning Tool Body

304-315

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DWLNLR/L-Kr 95°	308
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F PSC 接纳器

PSC Clamping Unit

316-327

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PSC 接纳器命名方式	PSC Clamping Unit Naming And Coding Rules	320
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T 方柄接杆

Tool Holder Adaptor

328-333

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通用刀柄 0°接杆	General Purpose 0° Adaptor	331
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通用刀柄 0°双向接杆	General Purpose 0° Both-sides Adaptor	333

A 转接柄

Adaptor

334-347

命名方式	Naming And Coding Rules	336
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PSC 缩颈杆	PSC Reduction Adaptor	339
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BT 转 PSC 接柄	BT with Type PSC Adaptor	344
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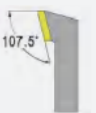


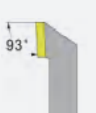


命名方式 Naming And Coding Rules

PSC40	D	C	L	N	R	27	050	12	X
01	02	03	04	05	06	07	08	09	10

01 接口规格 Coupling Type	
PSC	32
	40
	50
	63
	80

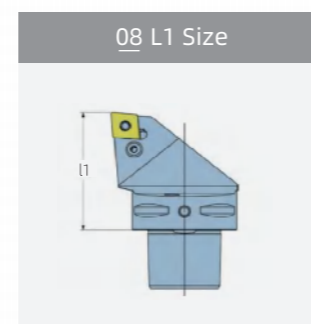
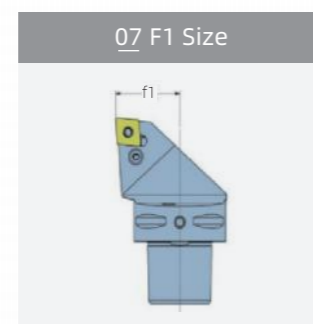
02 锁紧方式 Clamping	
D	压板式 Platen
P	勾杆式 Hook
S	螺钉式 Screw

03 刀片形状 Shape	
C	T
D	V
R	W
S	

04 主偏角 Kr					
D		K		S	
H		L		U	
J		N		V	

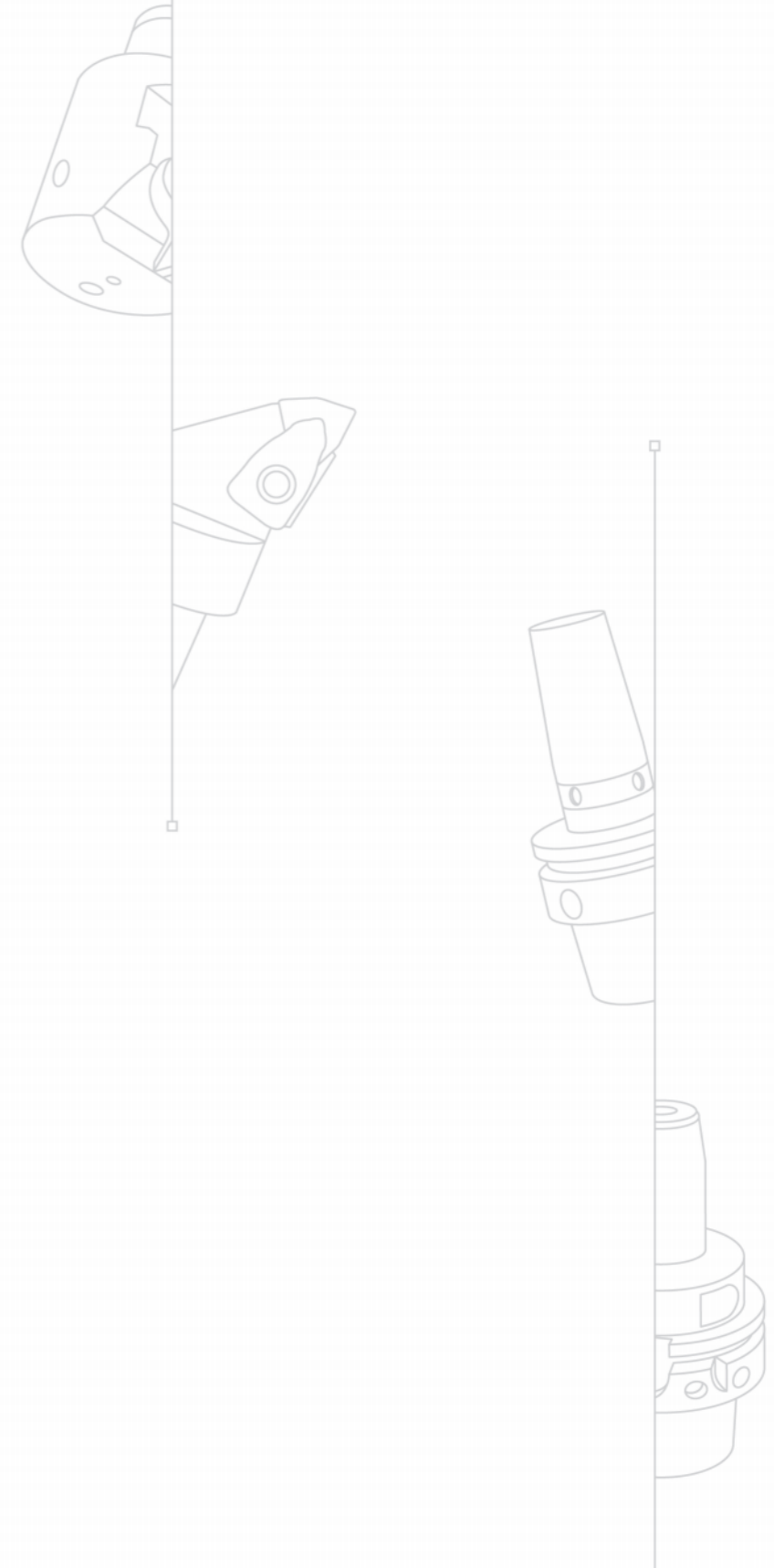
05 刀片后角 Angle	
B	
C	
N	

06 刀体方向 Direction of Tool	
L	左手方向 Left
R	右手方向 Right
N	不区分左右手方向 Null



09 刀片刃长 Length		
06	10	15
07	11	16
08	12	19

10 背镗 Back Boring	
X	



外圆车刀体
EXTERNAL TURNING
TOOL BODY

01

适用于工件外径的车削加工
For turning the external of the workpiece

02

提供三种刀片装夹方式，可满足粗加工、半精加工及精加工等场景应用
Three clamping types, available in rough machining, semi-finishing, finishing machining

03

机外对刀，可用于自动化机械设备
Out-machine tool adjustment, can be used in automatic mechanical equipment

04

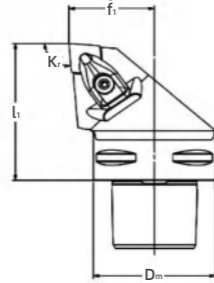
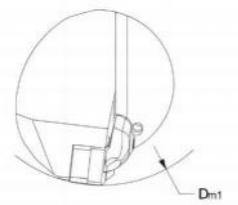
通配市面上ISO标准刀片
Match the ISO standard insert on the market

05

可支持非标定制
Support non-standard customization



DCLNR/L-Kr 95°



- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- CNMM CNMG CNMA CNGA
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	Dm1	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert	
95°		12 PSC32-DCLNR-22045-12	32	60	22	45	-6°	-6°	0.2	CN.. 1204..	
		12 PSC32-DCLNL-22045-12	32	60	22	45	-6°	-6°	0.2		
		12 PSC40-DCLNR-27050-12	40	110	27	50	-6°	-6°	0.37		
		12 PSC40-DCLNL-27050-12	40	110	27	50	-6°	-6°	0.37		
		12 PSC50-DCLNR-35060-12	50	110	35	60	-6°	-6°	0.7		
		12 PSC50-DCLNL-35060-12	50	110	35	60	-6°	-6°	0.7		
		12 PSC63-DCLNR-45065-12	63	110	45	65	-6°	-6°	1.2		
		12 PSC63-DCLNL-45065-12	63	110	45	65	-6°	-6°	1.2		
		12 PSC80-DCLNR-55080-12	80	110	55	80	-6°	-6°	2.62		
		12 PSC80-DCLNL-55080-12	80	110	55	80	-6°	-6°	2.62		
		16 PSC40-DCLNR-27055-16	40	125	27	55	-6°	-6°	0.4		CN.. 1606..
		16 PSC40-DCLNL-27055-16	40	125	27	55	-6°	-6°	0.4		
		16 PSC50-DCLNR-35060-16	50	125	35	60	-6°	-6°	0.7		
		16 PSC50-DCLNL-35060-16	50	125	35	60	-6°	-6°	0.7		
		16 PSC63-DCLNR-45065-16	63	125	45	65	-6°	-6°	1.2		
		16 PSC63-DCLNL-45065-16	63	125	45	65	-6°	-6°	1.2		
16 PSC80-DCLNR-55080-16	80	125	55	80	-6°	-6°	2.44				
16 PSC80-DCLNL-55080-16	80	125	55	80	-6°	-6°	2.44				

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DCLNR/L-Kr 95°

技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	Dm1	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
95°		19 PSC50-DCLNR-35060-19	50	80	35	60	-6°	-6°	0.7	CN.. 1906..
		19 PSC50-DCLNL-35060-19	50	80	35	60	-6°	-6°	0.7	
		19 PSC63-DCLNR-45065-19	63	81	45	65	-6°	-6°	1.2	
		19 PSC63-DCLNL-45065-19	63	81	45	65	-6°	-6°	1.2	
		19 PSC80-DCLNR-55080-19	80	100	55	80	-6°	-6°	2.44	
		19 PSC80-DCLNL-55080-19	80	100	55	80	-6°	-6°	2.44	
		25 PSC80-DCLNR-55080-25	80	100	55	80	-6°	-6°	2.47	CN.. 2509..
		25 PSC80-DCLNL-55080-25	80	100	55	80	-6°	-6°	2.47	

主要配件 | Main spare parts

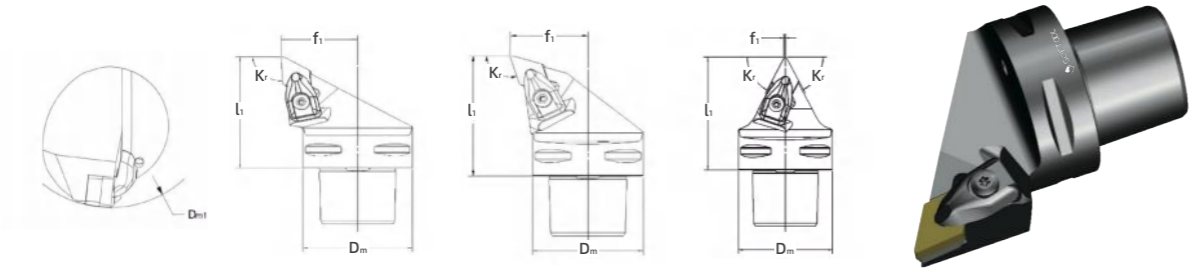
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC32	12	ILD4085	322.236.03	248.150.10	412.028.021
PSC40-PSC80	12	ILD4085	322.234.01	248.150.10	412.028.021
PSC40-PSC80	16	ILD5011	322.234.03	248.200.10	412.028.031
PSC50-PSC80	19	ILD5011	322.236.01	248.200.10	412.028.041
PSC80	25	ILD6012	322.234.05	245.250.10	412.028.051

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered separately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

DDJNR/L-Kr 93° | DDHNR/L-Kr 107.5° | DDNNN-Kr 62.5°

DDJNR/L-Kr 93° | DDHNR/L-Kr 107.5° | DDNNN-Kr 62.5°



> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	Dm1	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
107.5° 	15 PSC40-DDHNR-27055-15	40	110	27	55	-6°	-7°	0.38	DN.. 1506..
	15 PSC40-DDHNL-27055-15	40	110	27	55	-6°	-7°	0.38	
	15 PSC50-DDHNR-35060-15	50	110	35	60	-6°	-7°	0.66	
	15 PSC50-DDHNL-35060-15	50	110	35	60	-6°	-7°	0.66	
	15 PSC63-DDHNR-45065-15	63	110	45	65	-6°	-7°	1.15	
	15 PSC63-DDHNL-45065-15	63	110	45	65	-6°	-7°	1.15	
	15 PSC80-DDHNR-55080-15	80	110	55	80	-6°	-7°	2.36	
	15 PSC80-DDHNL-55080-15	80	110	55	80	-6°	-7°	2.36	
62.5° 	15 PSC40-DDNNN-00055-15	40	-	0.5	55	-5°	-9°	0.38	DN.. 1506..
	15 PSC50-DDNNN-00060-15	50	-	0.5	60	-5°	-9°	0.62	
	15 PSC63-DDNNN-00065-15	63	-	0.5	65	-5°	-9°	1.06	
	15 PSC80-DDNNN-00080-15	80	-	0.5	80	-5°	-9°	2.1	
	15 PSC80-DDNNN-00080-15	80	-	0.5	80	-5°	-9°	2.1	

- DNMM DNMX DNMG DNMA DNMA
- 刀片仅做示意

- DNMM DNMX DNMG DNMA DNMA
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	Dm1	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
93° 	11 PSC32-DDJNR-22045-11	32	60	22	45	-6°	-7°	0.19	DN.. 1104..
	11 PSC32-DDJNL-22045-11	32	60	22	45	-6°	-7°	0.19	
	11 PSC40-DDJNR-27050-11	40	60	27	50	-6°	-7°	0.34	
	11 PSC40-DDJNL-27050-11	40	60	27	50	-6°	-7°	0.34	
	11 PSC50-DDJNR-35060-11	50	65	35	60	-6°	-7°	0.65	
	11 PSC50-DDJNL-35060-11	50	65	35	60	-6°	-7°	0.65	
	11 PSC63-DDJNR-45065-11	63	81	45	65	-6°	-7°	1.08	DN.. 1506..
	11 PSC63-DDJNL-45065-11	63	81	45	65	-6°	-7°	1.08	
	15 PSC40-DDJNR-27055-15	40	110	27	55	-6°	-7°	0.36	
	15 PSC40-DDJNL-27055-15	40	110	27	55	-6°	-7°	0.36	
	15 PSC50-DDJNR-35060-15	50	110	35	60	-6°	-7°	0.36	
	15 PSC50-DDJNL-35060-15	50	110	35	60	-6°	-7°	0.36	
	15 PSC63-DDJNR-45065-15	63	110	45	65	-6°	-7°	1.05	DN.. 1506..
	15 PSC63-DDJNL-45065-15	63	110	45	65	-6°	-7°	1.05	
	15 PSC80-DDJNR-55080-15	80	110	55	80	-6°	-7°	2.16	
	15 PSC80-DDJNL-55080-15	80	110	55	80	-6°	-7°	2.16	
	15 PSC80-DDJNR-55080-15	80	110	55	80	-6°	-7°	2.16	
	15 PSC80-DDJNL-55080-15	80	110	55	80	-6°	-7°	2.16	

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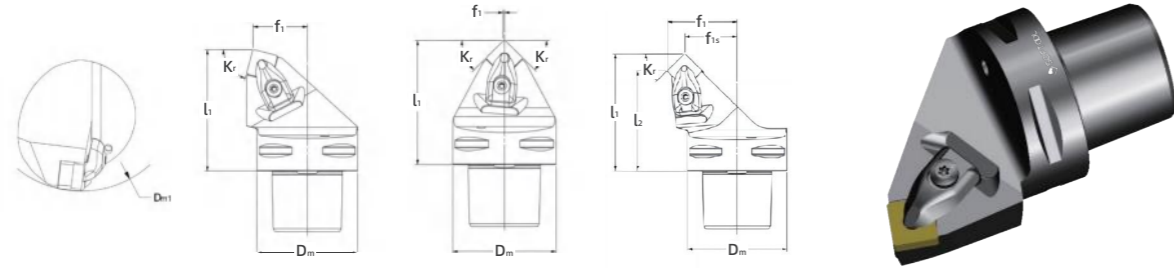
> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC32-PSC63	11	ILD3072	322.267.01	242.090.40	412.028.011
PSC40-PSC80	15	ILD4085	322.266.02	248.150.10	412.028.021

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered seperately. Please inquire on demand

DSKNR/L-Kr 75° | DSDNN-Kr 45° | DSSNR/L-Kr 45°



- 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

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	Dm1	f1	l1	f1s	l1s	γ	λ	重量 m (kg)	ISO 刀片 ISO insert	
75°	12	PSC32-DSKNR-22040-12	32	60	22	40	-	-	-6°	-6°	0.2	SN.. 1204..	
	12	PSC32-DSKNL-22040-12	32	60	22	40	-	-	-6°	-6°	0.2		
	12	PSC40-DSKNR-27050-12	40	110	27	50	-	-	-6°	-6°	0.35		
	12	PSC40-DSKNL-27050-12	40	110	27	50	-	-	-6°	-6°	0.35		
	12	PSC50-DSKNR-35060-12	50	110	35	60	-	-	-6°	-6°	0.75		
	12	PSC50-DSKNL-35060-12	50	110	35	60	-	-	-6°	-6°	0.75		
	12	PSC63-DSKNR-45065-12	63	110	45	65	-	-	-6°	-6°	1.24		
	12	PSC63-DSKNL-45065-12	63	110	45	65	-	-	-6°	-6°	1.24		
	19	PSC50-DSKNR-35060-19	50	125	35	60	-	-	-6°	-6°	0.76		SN.. 1906..
	19	PSC50-DSKNL-35060-19	50	125	35	60	-	-	-6°	-6°	0.76		
	19	PSC63-DSKNR-45065-19	63	125	45	65	-	-	-6°	-6°	1.27		
	19	PSC63-DSKNL-45065-19	63	125	45	65	-	-	-6°	-6°	1.27		
19	PSC80-DSKNR-55080-19	80	125	55	80	-	-	-6°	-6°	2.54			
19	PSC80-DSKNL-55080-19	80	125	55	80	-	-	-6°	-6°	2.54			

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DSKNR/L-Kr 75° | DSDNN-Kr 45° | DSSNR/L-Kr 45°

技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	Dm1	f1	l1	f1s	l1s	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
45°	12	PSC32-DSDNN-00048-12	32	-	0.3	48	-	-	-6°	-6°	0.19	SN.. 1204..
	12	PSC40-DSDNN-00050-12	40	-	0.3	50	-	-	-6°	-6°	0.32	
	12	PSC50-DSDNN-00060-12	50	-	0.3	60	-	-	-6°	-6°	0.61	
	12	PSC63-DSDNN-00065-12	63	-	0.3	65	-	-	-6°	-6°	1.07	
45°	12	PSC32-DSSNR-22040-12	32	60	22	40	13.7	48.3	-8°	0°	0.19	SN.. 1204..
	12	PSC32-DSSNL-22040-12	32	60	22	40	13.7	48.3	-8°	0°	0.19	
	12	PSC40-DSSNR-27042-12	40	110	27	42	18.7	50.3	-8°	0°	0.31	
	12	PSC40-DSSNL-27042-12	40	110	27	42	18.7	50.3	-8°	0°	0.31	
	12	PSC50-DSSNR-35052-12	50	110	35	52	26.7	60.3	-8°	0°	0.6	
	12	PSC50-DSSNL-35052-12	50	110	35	52	26.7	60.3	-8°	0°	0.6	
	12	PSC63-DSSNR-45056-12	63	110	45	56	36.7	64.3	-8°	0°	0.99	
	12	PSC63-DSSNL-45056-12	63	110	45	56	36.7	64.3	-8°	0°	0.99	

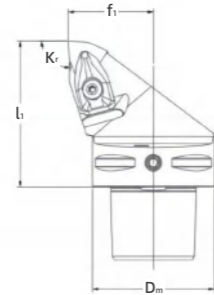
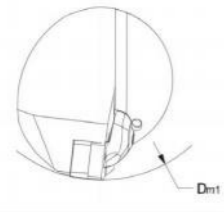
主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC32	12	ILD4085	322.426.02	248.150.10	412.028.021
PSC40-PSC63	12	ILD4085	322.425.01	248.150.10	412.028.021
PSC50-PSC80	19	ILD5011	322.425.04	248.200.10	412.028.041

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered separately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

DWLNR/L-Kr 95°



- WNMM WNMG WNGA WNMA
- 刀片仅做示意

- WNMM WNMG WNGA WNMA
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	Dm1	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
	06 PSC32-DWLNR-22040-06	32	60	22	40	-6°	-6°	0.18	WN.. 0604..
	06 PSC32-DWLNL-22040-06	32	60	22	40	-6°	-6°	0.18	
	06 PSC40-DWLNR-27050-06	40	60	27	50	-6°	-6°	0.35	
	06 PSC40-DWLNL-27050-06	40	60	27	50	-6°	-6°	0.35	
	06 PSC50-DWLNR-35060-06	50	65	35	60	-6°	-6°	0.67	
	06 PSC50-DWLNL-35060-06	50	65	35	60	-6°	-6°	0.67	
	06 PSC63-DWLNR-45065-06	63	81	45	65	-6°	-6°	1.21	
	06 PSC63-DWLNL-45065-06	63	81	45	65	-6°	-6°	1.21	

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DWLNR/L-Kr 95°

技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	Dm1	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
	08 PSC40-DWLNR-27050-08	40	110	27	50	-6°	-6°	0.35	WN.. 0804..
	08 PSC40-DWLNL-27050-08	40	110	27	50	-6°	-6°	0.35	
	08 PSC50-DWLNR-35060-08	50	110	35	60	-6°	-6°	0.67	
	08 PSC50-DWLNL-35060-08	50	110	35	60	-6°	-6°	0.67	
	08 PSC63-DWLNR-45065-08	63	110	45	65	-6°	-6°	1.22	
	08 PSC63-DWLNL-45065-08	63	110	45	65	-6°	-6°	1.22	
	08 PSC80-DWLNR-55080-08	80	110	55	80	-6°	-6°	2.44	
	08 PSC80-DWLNL-55080-08	80	110	55	80	-6°	-6°	2.44	

主要配件 | Main spare parts

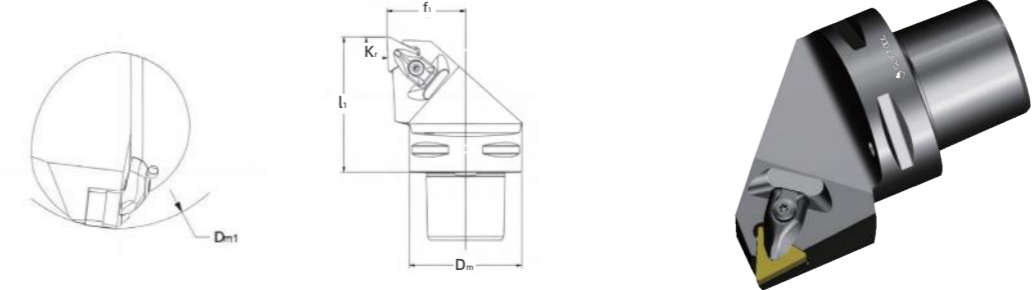
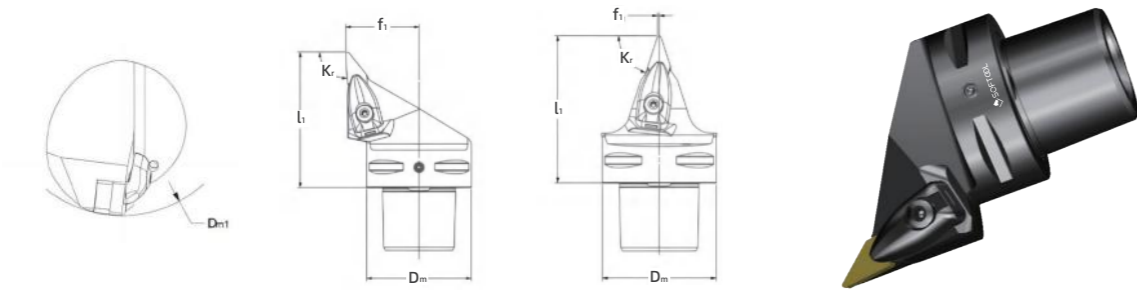
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC32-PSC63	06	ILD3072	322.328.01	242.090.40	412.028.011
PSC40-PSC80	08	ILD4085	322.331.12	248.150.10	412.028.021

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered separately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

DVJNR/L-Kr 93° | DVVNN-Kr 72.5°

DTJNR/L-Kr 93°



- VNMG VNGP
- 刀片仅做示意
- VNMG VNGP
- The insert is for illustration only

- TNMM TNMX TNMG TNMA TNGA
- 刀片仅做示意
- TNMM TNMX TNMG TNMA TNGA
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	Dm1	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
 93°	16 PSC40-DVJNR-27062-16	40	60	27	62	4°	-13°	0.40	VN.. 1604..
	16 PSC40-DVJNL-27062-16	40	60	27	62	4°	-13°	0.40	
	16 PSC50-DVJNR-35065-16	50	65	35	65	4°	-13°	0.65	
	16 PSC50-DVJNL-35065-16	50	65	35	65	4°	-13°	0.65	
	16 PSC63-DVJNR-45065-16	63	81	45	65	4°	-13°	1.01	
	16 PSC63-DVJNL-45065-16	63	81	45	65	4°	-13°	1.01	
	16 PSC80-DVJNR-55080-16	80	100	55	80	4°	-13°	2.10	
	16 PSC80-DVJNL-55080-16	80	100	55	80	4°	-13°	2.10	
 72.5°	16 PSC40-DVVNN-00062-16	40	-	0.6	62	4°	-13°	0.41	VN.. 1604..
	16 PSC50-DVVNN-00065-16	50	-	0.6	65	4°	-13°	0.63	
	16 PSC63-DVVNN-00065-16	63	-	0.6	65	4°	-13°	1.03	
	16 PSC80-DVVNN-00080-16	80	-	0.6	80	4°	-13°	2.00	

> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC40-PSC80	16	ILD3581	322.269.01	248.150.10	412.028.61

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价
- The insert need to be ordered separately. Other accessories are included in the order
- The spare parts can be ordered separately. Please inquire on demand

> 技术参数 | Technical parameters

单位 | Unit: mm

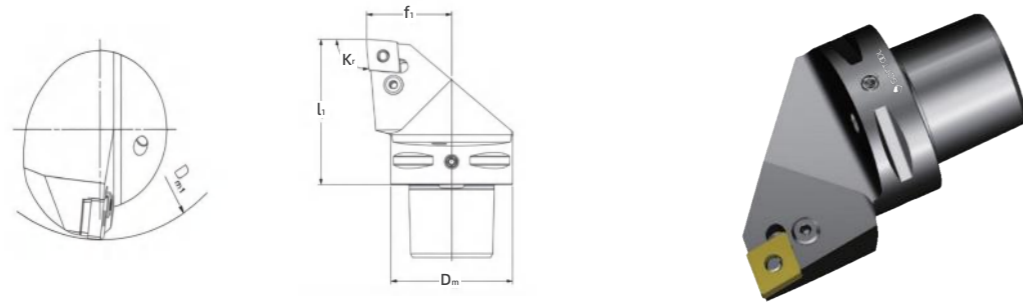
主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	Dm1	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
 93°	16 PSC32-DTJNR-22040-16	32	60	22	40	-6°	-6°	0.20	TN.. 1604..
	16 PSC32-DTJNL-22040-16	32	60	22	40	-6°	-6°	0.20	
	16 PSC40-DTJNR-27050-16	40	110	27	50	-6°	-6°	0.43	
	16 PSC40-DTJNL-27050-16	40	110	27	50	-6°	-6°	0.43	
	16 PSC50-DTJNR-35060-16	50	110	35	60	-6°	-6°	0.78	
	16 PSC50-DTJNL-35060-16	50	110	35	60	-6°	-6°	0.78	
	16 PSC63-DTJNR-45065-16	63	110	45	65	-6°	-6°	1.34	
	16 PSC63-DTJNL-45065-16	63	110	45	65	-6°	-6°	1.34	

> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC32	16	ILD3072	322.316.01	242.090.40	412.028.11
PSC40-PSC80	16	ILD3072	322.315.02	242.090.40	412.028.11

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价
- The insert need to be ordered separately. Other accessories are included in the order
- The spare parts can be ordered separately. Please inquire on demand

PCLNR/L-Kr 95°



- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- CNMM CNMG CNMA CNGA
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
95° 		12 PSC40-PCLNR-27050-12	40	27	50	-6°	-6°	0.36	CN.. 1204..
		12 PSC40-PCLNL-27050-12	40	27	50	-6°	-6°	0.36	
		12 PSC50-PCLNR-35060-12	50	35	60	-6°	-6°	0.68	
		12 PSC50-PCLNL-35060-12	50	35	60	-6°	-6°	0.68	
		12 PSC63-PCLNR-45065-12	63	45	65	-6°	-6°	1.19	
		12 PSC63-PCLNL-45065-12	63	45	65	-6°	-6°	1.19	
		12 PSC80-PCLNR-55080-12	80	55	80	-6°	-6°	2.39	
		12 PSC80-PCLNL-55080-12	80	55	80	-6°	-6°	2.39	
		16 PSC40-PCLNR-27050-16	40	27	50	-6°	-6°	0.35	
		16 PSC40-PCLNL-27050-16	40	27	50	-6°	-6°	0.35	
		16 PSC50-PCLNR-35060-16	50	35	60	-6°	-6°	0.68	
		16 PSC50-PCLNL-35060-16	50	35	60	-6°	-6°	0.68	
		16 PSC63-PCLNR-45065-16	63	45	65	-6°	-6°	1.19	
		16 PSC63-PCLNL-45065-16	63	45	65	-6°	-6°	1.19	
		16 PSC80-PCLNR-55080-16	80	55	80	-6°	-6°	2.39	
		16 PSC80-PCLNL-55080-16	80	55	80	-6°	-6°	2.39	

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PCLNR/L-Kr 95°

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
95° 		19 PSC50-PCLNR-35060-19	50	35	60	-6°	-6°	0.68	CN.. 1906..
		19 PSC50-PCLNL-35060-19	50	35	60	-6°	-6°	0.68	
		19 PSC63-PCLNR-45065-19	63	45	65	-6°	-6°	1.19	
		19 PSC63-PCLNL-45065-19	63	45	65	-6°	-6°	1.19	
		19 PSC80-PCLNR-55080-19	80	55	80	-6°	-6°	2.39	
		19 PSC80-PCLNL-55080-19	80	55	80	-6°	-6°	2.39	

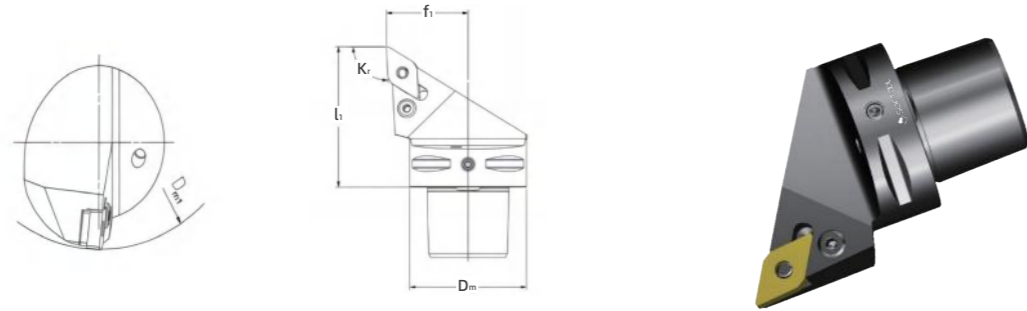
> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC40-PSC63	12	414.438.21	322.318.50	241.030.63	413.438.41
PSC40-PSC80	16	414.838.31	322.318.52	241.030.63	413.838.40
PSC50-PSC80	19	414.438.22	322.318.51	241.030.63	413.438.42

- 订货包含配件, 不供应刀片产品
- 可单独订购配件, 按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered seperately. Please inquire on demand

PDJNR/L-Kr 93°



- DNMM DNMX DNMG DNMA DNGA
- 刀片仅做示意

- DNMM DNMX DNMG DNMA DNGA
- The insert is for illustration only

技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
93° 	15	PSC40-PDJNR-27055-15	40	27	55	-6°	-7°	0.36	DN.. 1506..
	15	PSC40-PDJNL-27055-15	40	27	55	-6°	-7°	0.36	
	15	PSC50-PDJNR-35060-15	50	35	60	-6°	-7°	0.62	
	15	PSC50-PDJNL-35060-15	50	35	60	-6°	-7°	0.62	
	15	PSC63-PDJNR-45065-15	63	45	65	-6°	-7°	1.05	
	15	PSC63-PDJNL-45065-15	63	45	65	-6°	-7°	1.05	

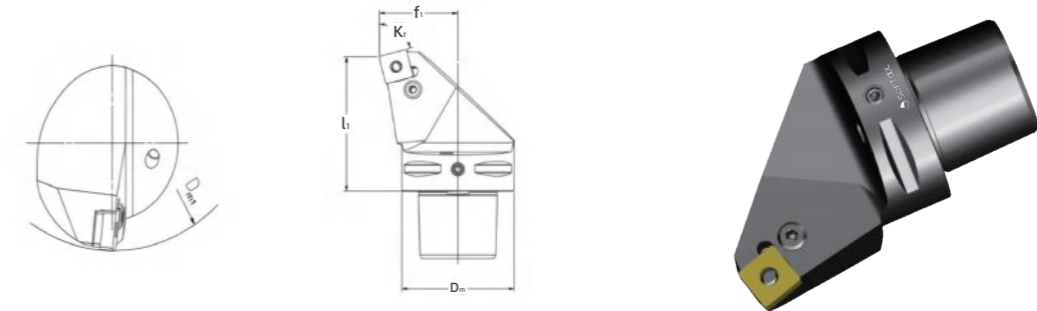
主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC40-PSC63	15	414.438.30	322.358.51	241.030.63	413.438.47

- 订货包含配件, 不供应刀片产品
- 可单独订购配件, 按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

PSKNR/L-Kr 75°



- 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

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
75° 	12	PSC40-PSKNR-27050-12	40	27	50	-6°	-6°	0.34	SN.. 1204..
	12	PSC40-PSKNL-27050-12	40	27	50	-6°	-6°	0.34	
	12	PSC50-PSKNR-35060-12	50	35	60	-6°	-6°	0.72	
	12	PSC50-PSKNL-35060-12	50	35	60	-6°	-6°	0.72	
	12	PSC63-PSKNR-45065-12	63	45	65	-6°	-6°	1.15	
	12	PSC63-PSKNL-45065-12	63	45	65	-6°	-6°	1.15	

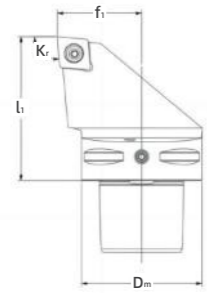
主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC40-PSC63	12	414.438.21	322.438.51	241.030.63	413.438.41

- 订货包含配件, 不供应刀片产品
- 可单独订购配件, 按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

SCLCR/L-Kr 95°



- CCMT CCGT CCGX CCET CCMW
- 刀片仅做示意

- CCMT CCGT CCGX CCET CCMW
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
	12	PSC32-SCLCR-22040-12	32	22	40	0°	0°	0.2	CC..1204..
	12	PSC32-SCLCL-22040-12	32	22	40	0°	0°	0.2	
	12	PSC40-SCLCR-27050-12	40	27	50	0°	0°	0.44	
	12	PSC40-SCLCL-27050-12	40	27	50	0°	0°	0.44	
	12	PSC50-SCLCR-35060-12	50	35	60	0°	0°	0.77	
	12	PSC50-SCLCL-35060-12	50	35	60	0°	0°	0.77	
	12	PSC63-SCLCR-45065-12	63	45	65	0°	0°	1.34	
	12	PSC63-SCLCL-45065-12	63	45	65	0°	0°	1.34	

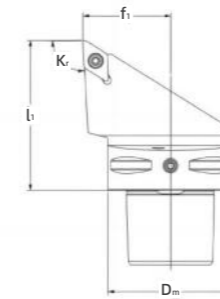
> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC63	12	512.090.03	322.232.02	248.150.10 & 241.040.70	ILD4014

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered separately. Other accessories are included in the order
- The spare parts can be ordered separately. Please inquire on demand

SDJCR/L-Kr 93°



- DCMT DCMX DCGT DCGX DCET DCMW
- 刀片仅做示意

- DCMT DCMX DCGT DCGX DCET DCMW
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
	11	PSC32-SDJCR-22040-11	32	22	40	0°	0°	0.16	DC..11T3..
	11	PSC32-SDJCL-22040-11	32	22	40	0°	0°	0.16	
	11	PSC40-SDJCR-27050-11	40	27	50	0°	0°	0.33	
	11	PSC40-SDJCL-27050-11	40	27	50	0°	0°	0.33	
	11	PSC50-SDJCR-35060-11	50	35	60	0°	0°	0.63	
	11	PSC50-SDJCL-35060-11	50	35	60	0°	0°	0.63	
	11	PSC63-SDJCR-45065-11	63	45	65	0°	0°	1.05	
	11	PSC63-SDJCL-45065-11	63	45	65	0°	0°	1.05	

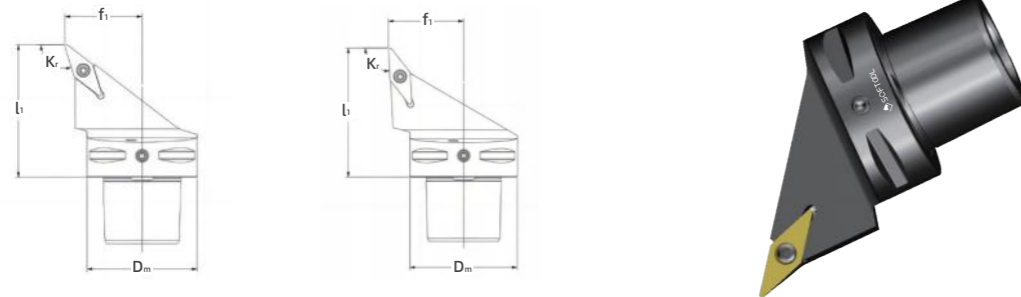
> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC63	11	512.090.01	322.263.01	248.150.10 & 241.035.65	ILD3512

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered separately. Other accessories are included in the order
- The spare parts can be ordered separately. Please inquire on demand

SVHBR/L-Kr 107.5° | SVJBR/L-Kr 93°



- VBMT VBGT VCGX VCEX VCGT VCET VBMW VCMW
- 刀片仅做示意

- VBMT VBGT VCGX VCEX VCGT VCET VBMW VCMW
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
107.5° 	16 PSC40-SVHBR-27050-16	40	27	50	0°	0°	0.38	VB..1604.. VC..1604..
	16 PSC40-SVHBL-27050-16	40	27	50	0°	0°	0.38	
	16 PSC50-SVHBR-35060-16	50	35	60	0°	0°	0.64	
	16 PSC50-SVHBL-35060-16	50	35	60	0°	0°	0.64	
	16 PSC63-SVHBR-45065-16	63	45	65	0°	0°	1.12	
	16 PSC63-SVHBL-45065-16	63	45	65	0°	0°	1.12	
93° 	16 PSC40-SVJBR-27050-16	40	27	50	0°	0°	0.35	VB..1604.. VC..1604..
	16 PSC40-SVJBL-27050-16	40	27	50	0°	0°	0.35	
	16 PSC50-SVJBR-35060-16	50	35	60	0°	0°	0.7	
	16 PSC50-SVJBL-35060-16	50	35	60	0°	0°	0.7	
	16 PSC63-SVJBR-45065-16	63	45	65	0°	0°	1.11	
	16 PSC63-SVJBL-45065-16	63	45	65	0°	0°	1.11	

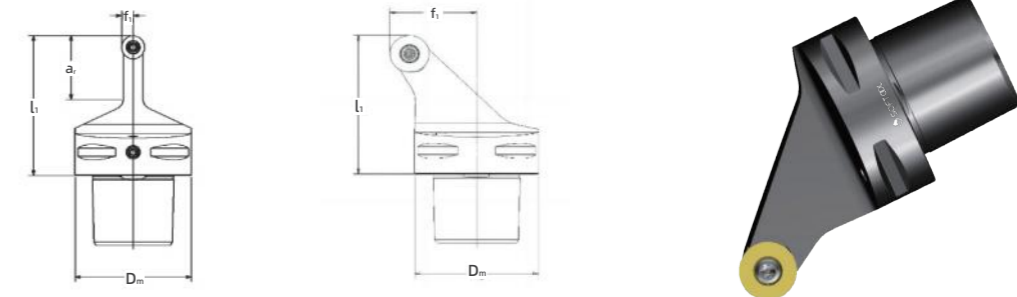
> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC63	16	512.090.01	322.270.01	248.150.10 & 241.035.65	ILD3512

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered separately. Other accessories are included in the order
- The spare parts can be ordered separately. Please inquire on demand

SRDCN | SRSCR/L



- RCMT RCGX-AL
- 刀片仅做示意

- RCMT RCGX-AL
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	ar	f1	l1	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
	10 PSC32-SRDCN-00040-10A	32	20	5	40	0°	0°	0.13	RC.10T3M0
	10 PSC40-SRDCN-00050-10A	40	25	5	50	0°	0°	0.27	
	10 PSC50-SRDCN-00060-10A	50	25	5	60	0°	0°	0.51	
	10 PSC63-SRDCN-00065-10A	63	25	5	65	0°	0°	0.91	
	16 PSC50-SRSCR-35060-16	50	-	35	60	0°	0°	0.56	RC.1606M0
	16 PSC50-SRSL-35060-16	50	-	35	60	0°	0°	0.56	
	16 PSC63-SRSCR-45065-16	63	-	45	65	0°	0°	1.03	
	16 PSC63-SRSL-45065-16	63	-	45	65	0°	0°	1.03	

> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC63	10	512.090.01	322.110.01	248.150.10 & 251.035.65	ILD3510
PSC50-PSC63	16	512.090.06	322.110.03	248.200.10 & 241.050.80	ILD5017

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered separately. Other accessories are included in the order
- The spare parts can be ordered separately. Please inquire on demand

内圆车刀体
INTERNAL TURNING
TOOL BODY



01

适用于工件内径的车削加工
For turning the Internal of the workpiece

02

标准车刀体长度最大可做到140mm
The maximum length of standard turning tool body can be 140mm

03

机内对刀，可用于自动化生产设备
Out-machine tool adjustment, can be used in automatic mechanical equipment

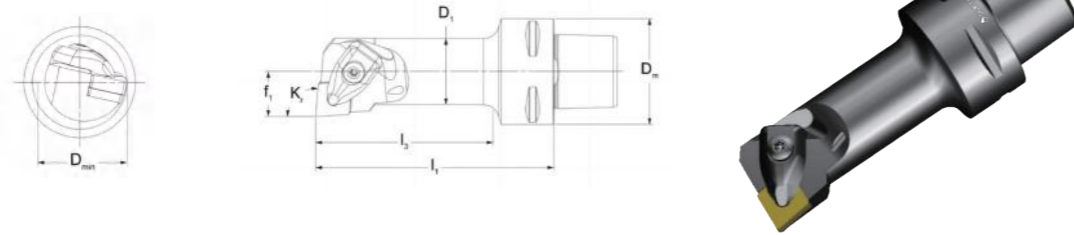
04

通配市面上ISO标准刀片
Match the ISO standard insert on the market

05

可支持非标定制
Support non-standard customization

DCLNR/L-Kr 95°



- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- CNMM CNMG CNMA CNGA
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	Dmin	D1	f1	l1	l3	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
	12	PSC40-DCLNR-17090-12	40	32	25	17	90	69	-6°	-12°	0.47	CN.. 1204..
	12	PSC40-DCLNL-17090-12	40	32	25	17	90	69	-6°	-12°	0.47	
	12	PSC50-DCLNR-17090-12	50	32	25	17	90	67	-6°	-12°	0.65	
	12	PSC50-DCLNL-17090-12	50	32	25	17	90	67	-6°	-12°	0.65	
	12	PSC63-DCLNR-17100-12	63	32	25	17	100	73	-6°	-12°	1.04	
	12	PSC63-DCLNL-17100-12	63	32	25	17	100	73	-6°	-12°	1.04	

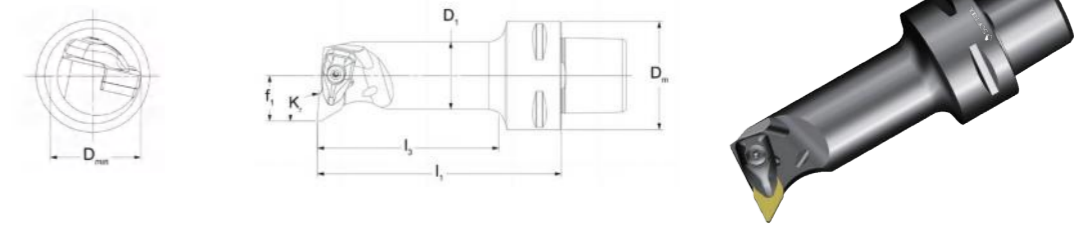
> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC40-PSC63	12	ILD4085	322.236.03	248.150.10	412.028.021

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered seperately. Please inquire on demand

DDUNR/L-Kr 93°



- DNMM DNMX DNMG DNMA DNGA
- 刀片仅做示意

- DNMM DNMX DNMG DNMA DNGA
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	Dmin	D1	f1	l1	l3	γ	λ	重量 m (kg)	ISO 刀片 ISO insert		
	93°	11	PSC40-DDUNR-17090-11	40	32	25	17	90	68	-6°	-12°	0.47	DN.. 1104..	
		11	PSC40-DDUNL-17090-11	40	32	25	17	90	68	-6°	-12°	0.47		
		11	PSC50-DDUNR-17090-11	50	32	25	17	90	66	-6°	-12°	0.65		
		11	PSC50-DDUNL-17090-11	50	32	25	17	90	66	-6°	-12°	0.65		
		15	PSC40-DDUNR-27080-15	40	50	39.7	27	80	59	-6°	-11°	1.04		DN.. 1506..
		15	PSC40-DDUNL-27080-15	40	50	39.7	27	80	59	-6°	-11°	1.04		
	15	PSC50-DDUNR-27140-15	50	50	40	27	140	118	-6°	-11°	1.04			
	15	PSC50-DDUNL-27140-15	50	50	40	27	140	118	-6°	-11°	1.04			
	15	PSC63-DDUNR-27140-15	63	50	40	27	140	114	-6°	-11°	1.04			
	15	PSC63-DDUNL-27140-15	63	50	40	27	140	114	-6°	-11°	1.04			

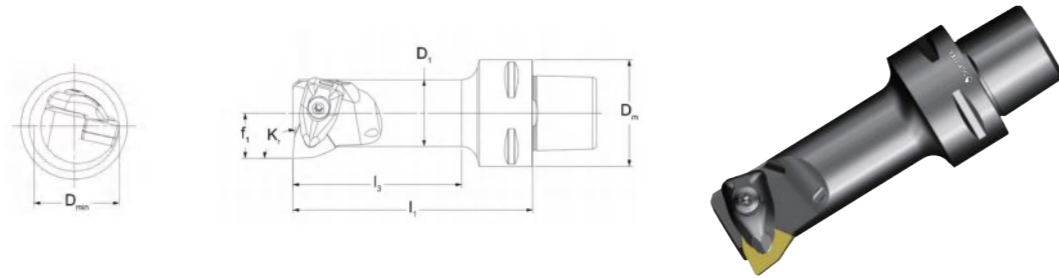
> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC40-PSC50	11	ILD3512	322.267.01	242.090.40	412.028.011
PSC40-PSC63	15	ILD4085	322.266.02	248.150.10	412.028.021

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered seperately. Please inquire on demand

DWLNR/L-Kr 95°



- WNMM WNMG WNGA WNMA
- 刀片仅做示意

- WNMM WNMG WNGA WNMA
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	Dmin	D1	f1	l1	l3	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
95° 	08 PSC40-DWLNR-17090-08	40	32	25	17	90	69	-0°	-6°	0.48	WN.. 0804..
	08 PSC40-DWLNL-17090-08	40	32	25	17	90	69	-0°	-6°	0.48	
	08 PSC50-DWLNR-17090-08	50	32	25	17	90	69	-0°	-6°	0.67	
	08 PSC50-DWLNL-17090-08	50	32	25	17	90	69	-0°	-6°	0.67	

> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
 PSC40-PSC50	 08	 ILD4085	 322.328.02	 248.150.10	 412.028.021

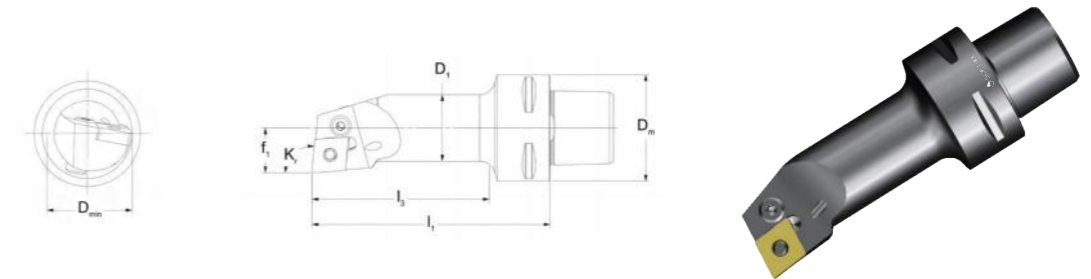
- 订货包含配件，不供应刀片产品

- The insert need to be ordered seperately. Other accessories are included in the order

- 可单独订购配件，按需询价

- The sapare parts can be ordered seperately. Please inquire on demand

PCLNR/L-Kr 95°



- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- CNMM CNMG CNMA CNGA
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	Dmin	D1	f1	l1	l3	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
95° 	12 PSC32-PCLNR-17090-12	32	32	25	17	90	75	-6°	-11°	0.3	CN.. 1204..
	12 PSC32-PCLNL-17090-12	32	32	25	17	90	75	-6°	-11°	0.3	
	12 PSC32-PCLNR-22064-12	32	40	32	22	64	50	-6°	-11°	0.3	
	12 PSC32-PCLNL-22064-12	32	40	32	22	64	50	-6°	-11°	0.3	
	12 PSC32-PCLNR-22096-12	32	40	32	22	96	82	-6°	-11°	0.3	
	12 PSC32-PCLNL-22096-12	32	40	32	22	96	82	-6°	-11°	0.3	
	12 PSC40-PCLNR-17090-12	40	32	25	17	90	69	-6°	-11°	0.5	
	12 PSC40-PCLNL-17090-12	40	32	25	17	90	69	-6°	-11°	0.5	
	12 PSC40-PCLNR-22110-12	40	40	32	22	110	89	-6°	-11°	0.5	
	12 PSC40-PCLNL-22110-12	40	40	32	22	110	89	-6°	-11°	0.5	
	12 PSC40-PCLNR-27080-12	40	50	40	27	80	60	-6°	-10°	0.5	
	12 PSC40-PCLNL-27080-12	40	50	40	27	80	60	-6°	-10°	0.5	
	12 PSC40-PCLNR-27120-12	40	50	40	27	120	100	-6°	-11°	0.5	
	12 PSC40-PCLNL-27120-12	40	50	40	27	120	100	-6°	-11°	0.5	

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PCLNR/L-Kr 95°

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	Dmin	D1	f1	l1	l3	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
95° 	12	PSC50-PCLNR-17090-12	50	32	25	17	90	67	-6°	-11°	0.65	CN.. 1204..
	12	PSC50-PCLNL-17090-12	50	32	25	17	90	67	-6°	-11°	0.65	
	12	PSC50-PCLNR-22110-12	50	40	32	22	110	88	-6°	-11°	0.66	
	12	PSC50-PCLNL-22110-12	50	40	32	22	110	88	-6°	-11°	0.66	
	12	PSC50-PCLNR-27140-12	50	50	40	27	140	119	-6°	-10°	0.67	
	12	PSC50-PCLNL-27140-12	50	50	40	27	140	119	-6°	-10°	0.67	
	12	PSC50-PCLNR-35100-12	50	63	50	35	100	81	-6°	-7°	0.68	
	12	PSC50-PCLNL-35100-12	50	63	50	35	100	81	-6°	-7°	0.68	
	12	PSC63-PCLNR-17100-12	63	32	25	17	100	74	-6°	-11°	1	
	12	PSC63-PCLNL-17100-12	63	32	25	17	100	74	-6°	-11°	1	
	12	PSC63-PCLNR-22110-12	63	40	32	22	110	84	-6°	-11°	1.2	
	12	PSC63-PCLNL-22110-12	63	40	32	22	110	84	-6°	-11°	1.2	

> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	螺钉 Screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC32-PSC63(D25)					
PSC32-PSC63(D32-D50)	12	414.838.32	-	241.025.56	413.838.41-1
	12	414.438.21	322.318.50	241.030.63	413.438.41

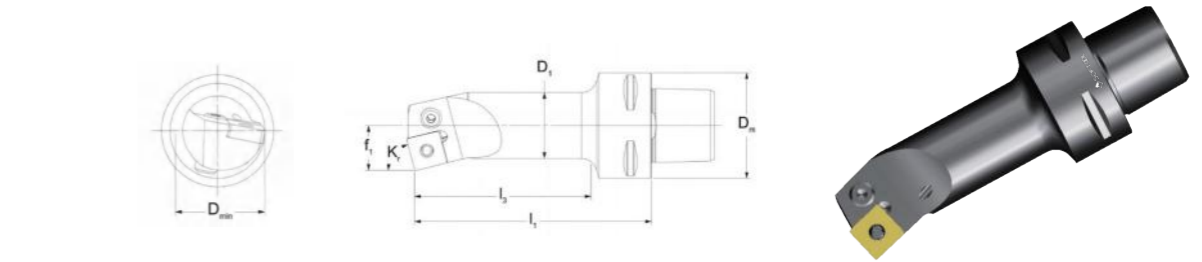
- 订货包含配件，不供应刀片产品

- 可单独订购配件，按需询价

- The insert need to be ordered separately. Other accessories are included in the order

- The sapare parts can be ordered separately. Please inquire on demand

PSKNR-Kr 75°



- 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

主偏角 - 加工方式 (Kr)-Application		订货号 Ordering code	Dm	Dmin	D1	f1	l1	l3	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
75° 	12	PSC40-PSKNR-17090-12	40	32	25	17	90	69	-6°	-11°	0.45	SN.. 1204..
	12	PSC50-PSKNR-17090-12	50	32	25	17	90	67	-6°	-11°	0.51	
	12	PSC50-PSKNR-22110-12	50	40	32	22	110	88	-6°	-10°	0.7	
	12	PSC50-PSKNR-27140-12	50	50	40	27	140	119	-6°	-10°	1.4	
	12	PSC63-PSKNR-22110-12	63	40	32	22	110	84	-6°	-10°	1.3	

> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC40-PSC50(D25)					
PSC50-PSC63(D32-D40)	12	414.838.32	-	241.025.56	413.838.41-1
	12	414.438.21	322.438.51	241.030.63	413.438.41

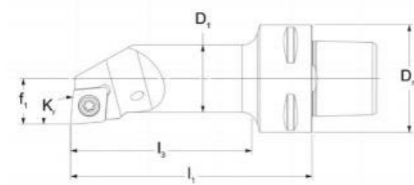
- 订货包含配件，不供应刀片产品

- 可单独订购配件，按需询价

- The insert need to be ordered separately. Other accessories are included in the order

- The sapare parts can be ordered separately. Please inquire on demand

SCLCR/L-Kr 95°



- CCMT CCGT CCGX CCET CCMW
- 刀片仅做示意

- CCMT CCGT CCGX CCET CCMW
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	Dmin	D1	f1	l1	l3	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
95° 	12 PSC32-SCLCR-17090-12	32	32	25	17	90	75	0°	-6°	0.32	CC..1204..
	12 PSC32-SCLCL-17090-12	32	32	25	17	90	75	0°	-6°	0.32	
	12 PSC32-SCLCR-22064-12	32	40	31.7	22	64	50	0°	-10°	0.31	
	12 PSC32-SCLCL-22064-12	32	40	31.7	22	64	50	0°	-10°	0.31	
	12 PSC32-SCLCR-22090-12	32	40	31.7	22	90	82	0°	-10°	0.5	
	12 PSC32-SCLCL-22090-12	32	40	31.7	22	90	82	0°	-10°	0.5	
	12 PSC40-SCLCR-17090-12	40	32	25	17	90	69	0°	-6°	0.45	
	12 PSC40-SCLCL-17090-12	40	32	25	17	90	69	0°	-6°	0.45	
	12 PSC40-SCLCR-22110-12	40	40	32	22	110	89	0°	-10°	0.68	
	12 PSC40-SCLCL-22110-12	40	40	32	22	110	89	0°	-10°	0.68	
	12 PSC40-SCLCR-27080-12	40	50	39.7	27	80	60	0°	-8°	0.63	
	12 PSC40-SCLCL-27080-12	40	50	39.7	27	80	60	0°	-8°	0.63	

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SCLCR/L-Kr 95°

> 技术参数 | Technical parameters

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	Dmin	D1	f1	l1	l3	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
95° 	12 PSC50-SCLCR-17090-12	50	32	25	17	90	67	0°	-6°	0.63	CC..1204..
	12 PSC50-SCLCL-17090-12	50	32	25	17	90	67	0°	-6°	0.63	
	12 PSC50-SCLCR-22110-12	50	40	32	22	110	88	0°	-10°	0.87	
	12 PSC50-SCLCL-22110-12	50	40	32	22	110	88	0°	-10°	0.87	
	12 PSC50-SCLCR-27140-12	50	50	40	27	140	119	0°	-8°	1.35	
	12 PSC50-SCLCL-27140-12	50	50	40	27	140	119	0°	-8°	1.35	
	12 PSC50-SCLCR-35100-12	50	63	49.7	35	100	80	0°	-5°	1.27	
	12 PSC50-SCLCL-35100-12	50	63	49.7	35	100	80	0°	-5°	1.27	

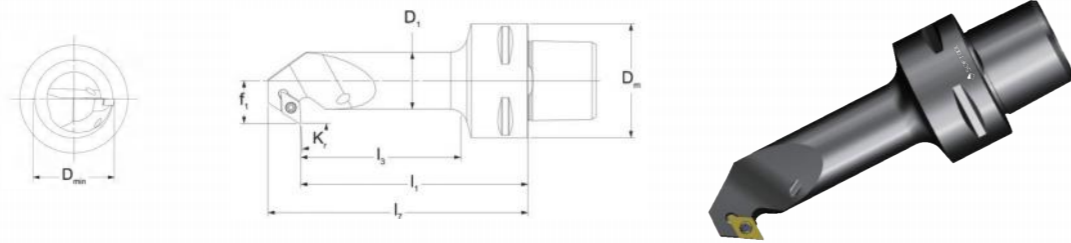
> 主要配件 | Main spare parts

接口尺寸 PSC size	刀片 Insert	螺钉 Screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC50(D25)	12	-	-	248.150.10	ILD4011-A
PSC32-PSC50(D32-D40)	12	512.090.03	322.232.02	248.150.10 & 241.040.70	ILD4014

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered separately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

SDUCR/L-Kr 93°



- DCMT DCMX DCGT DCGX DCET DCMW
- 刀片仅做示意

- DCMT DCMX DCGT DCGX DCET DCMW
- The insert is for illustration only

> 技术参数 | Technical parameters

单位 | Unit: mm

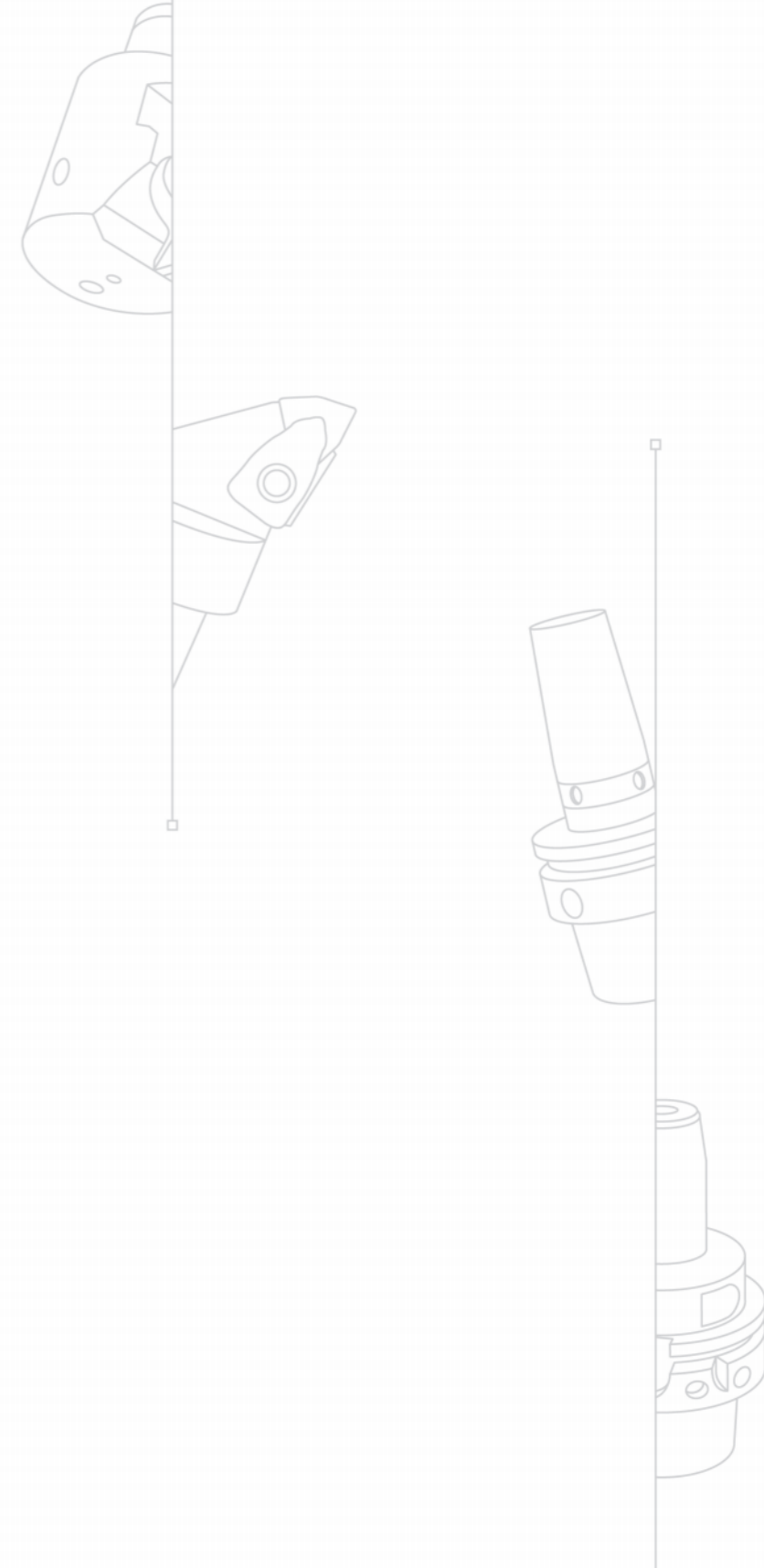
主偏角 - 加工方式 (Kr)-Application	订货号 Ordering code	Dm	Dmin	D1	f1	l1	l3	l7	γ	λ	重量 m (kg)	ISO 刀片 ISO insert
93°	07 PSC32-SDUCR-13070-07X	32	22	16	13	70	54	80.7	0°	-6°	0.19	DC.. 0702..
	07 PSC32-SDUCL-13070-07X	32	22	16	13	70	54	80.7	0°	-6°	0.19	
	07 PSC32-SDUCR-15080-07X	32	27	20	15	80	64	91.5	0°	-3°	0.26	
	07 PSC32-SDUCL-15080-07X	32	27	20	15	80	64	91.5	0°	-3°	0.26	
	07 PSC40-SDUCR-13070-07X	40	22	16	13	70	48	80.7	0°	-6°	0.32	
	07 PSC40-SDUCL-13070-07X	40	22	16	13	70	48	80.7	0°	-6°	0.32	
	07 PSC40-SDUCR-15080-07X	40	27	20	15	80	58	91.5	0°	-3°	0.39	
	07 PSC40-SDUCL-15080-07X	40	27	20	15	80	58	91.5	0°	-3°	0.39	
	07 PSC40-SDUCR-18090-07X	40	32	25	18	90	69	101.5	0°	-3°	0.49	
	07 PSC40-SDUCL-18090-07X	40	32	25	18	90	69	101.5	0°	-3°	0.49	
	07 PSC50-SDUCR-15080-07X	50	27	20	15	80	58	91.5	0°	-3°	0.58	
	07 PSC50-SDUCL-15080-07X	50	27	20	15	80	58	91.5	0°	-3°	0.58	
	07 PSC50-SDUCR-18090-07X	50	32	25	18	90	68	101.5	0°	-3°	0.67	
	07 PSC50-SDUCL-18090-07X	50	32	25	18	90	68	101.5	0°	-3°	0.67	

> 主要配件 | Main spare parts

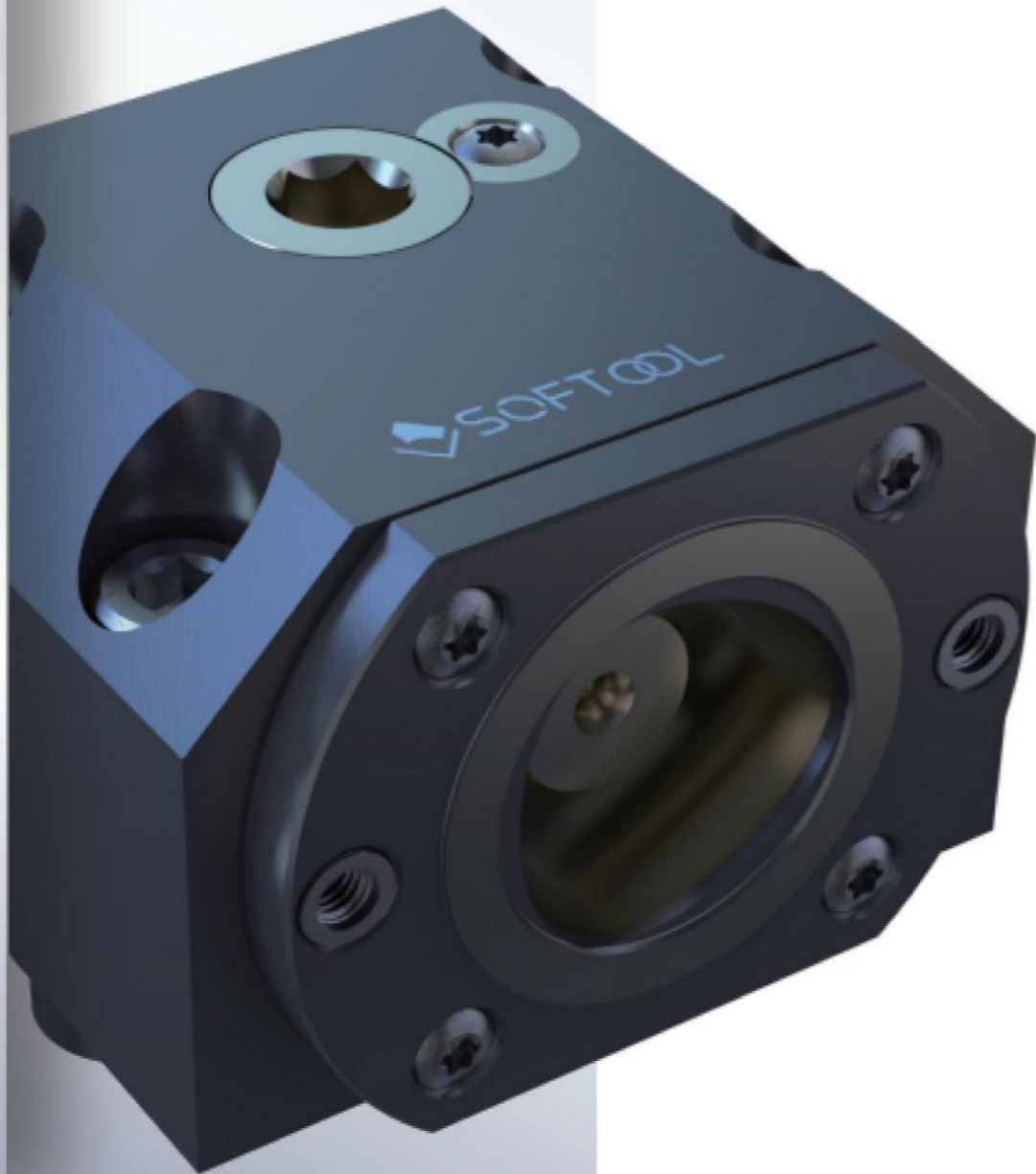
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC50	07	-	-	242.070.35	ILD2565

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand



PSC 接纳器
PSC CLAMPING UNIT



01

配合PSC接口的刀具使用
Used with tools of PSC interface

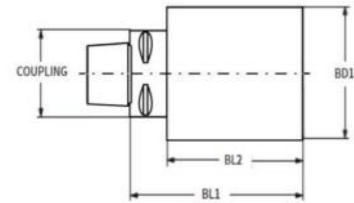
02

可实现左右手刀具互换
Realize the exchange of left and
right hand tools

03

凸轮锁紧结构，换刀便捷
Cam locking device, make changing the
tool timely

PSC 毛坯
PSC Blank



> 技术参数 | Technical parameters

单位 | Unit: mm

接口尺寸 PSC size	订货号 Ordering code	BD1	BL1	BL2	库存 Stock
PSC32	BLPSC32A040110M	40	110	BL1-15	▲
	BLPSC32A050110M	50	110	BL1-15	●
	BLPSC32A050125M	50	125	BL1-15	▲
	BLPSC32A070060M	70	60	BL1-15	▲
	BLPSC32A090070M	90	70	BL1-15	▲
PSC40	BLPSC40A040095M	40	95	BL1-20	▲
	BLPSC40A060130M	60	130	BL1-20	●
	BLPSC40A060165M	60	165	BL1-20	▲
	BLPSC40A080075M	80	75	BL1-20	▲
	BLPSC40A100085M	100	85	BL1-20	▲
PSC50	BLPSC50A050125M	50	125	BL1-20	●
	BLPSC50A075175M	75	175	BL1-20	●
	BLPSC50A090080M	90	80	BL1-20	▲
	BLPSC50A110090M	110	90	BL1-20	▲

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PSC 毛坯
PSC Blank

> 技术参数 | Technical parameters

单位 | Unit: mm

接口尺寸 PSC size	订货号 Ordering code	BD1	BL1	BL2	库存 Stock
PSC63	BLPSC63A072120M	72	120	BL1-22	●
	BLPSC63A075195M	75	195	BL1-22	●
	BLPSC63A100080M	100	80	BL1-22	●
	BLPSC63A110085M	110	85	BL1-22	▲
	BLPSC63A130095M	130	95	BL1-22	●
	BLPSC80A080200M	80	200	BL1-22	▲
PSC80	BLPSC80A120095M	120	95	BL1-30	▲
	BLPSC80A120160M	120	160	BL1-30	●
	BLPSC80A130090M	130	90	BL1-30	●

● PSC 半成品毛坯前端带有 42-46HRC 硬度，
允许加工成所需要的形状

● PSC blank have a 42-46HRC hardness front, which allows
machining of special shapes

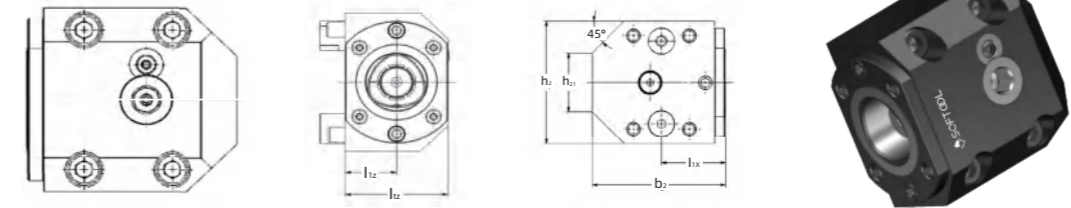
PSC 接纳器命名方式

PSC Clamping Unit Naming And Coding Rules

CUSA 型

CUSA

PSC40	R	CUSA	24	043	M
01	02	03	04	05	06



01 接口规格 Coupling Type

PSC	32
	40
	50
	63
	80
	80X

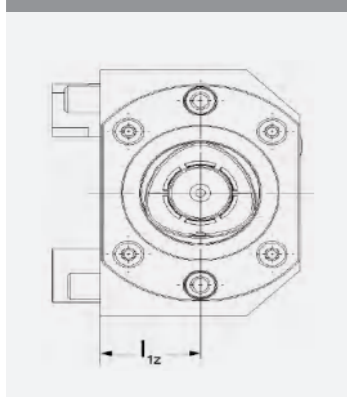
02 刀体方向 Hand of Tool

L	左手方 Left
R	右手方向 Right
N	不区分左右手方向 Null

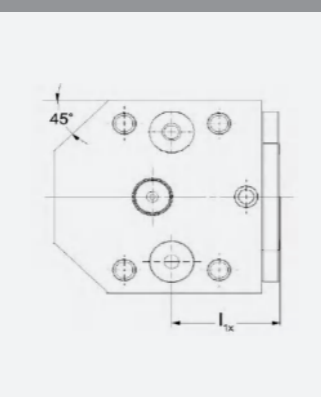
03 产品种类 Production Type

CUSA	通用接纳 General Purpose Receiver
CVDI	VDI 接纳器 VDI Receiver
CSQUA	卧式刀塔接纳器 Horizontal Lathe Receiver
CHYD	液压驱动接纳器 Hydraulic Actuated Receiver

04 l1z Size



05 l1x Size



06 制式 Format

M	标准款 Standard
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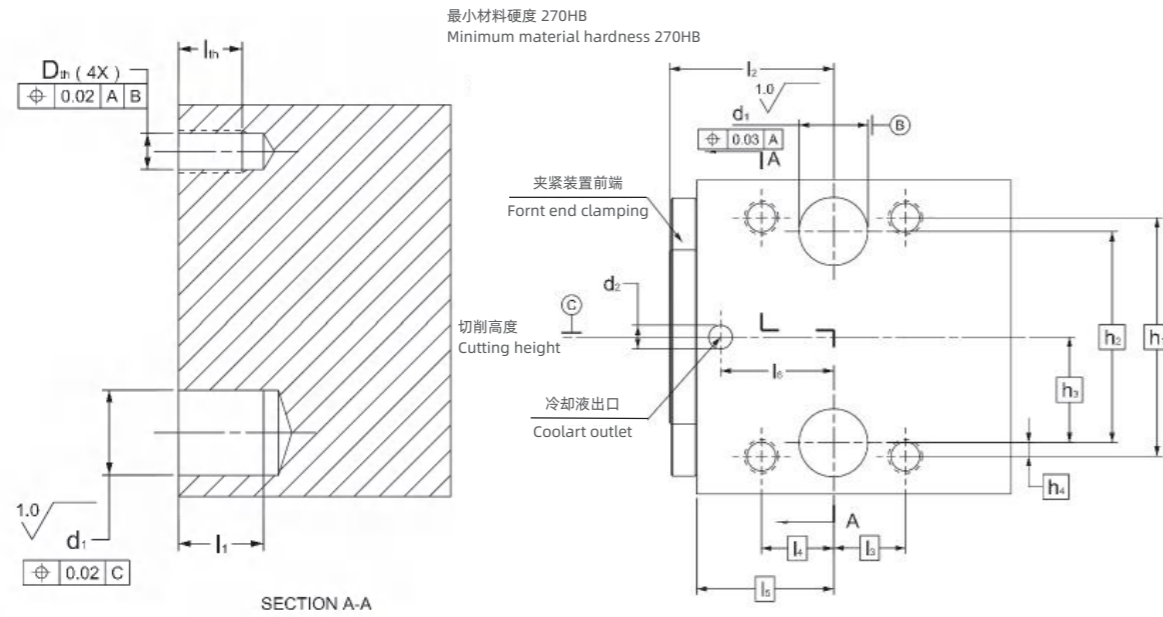
技术参数 | Technical parameters

单位 | Unit: mm

接口尺寸 PSC size	订货号 Ordering code	b ₂	h ₂	h ₂₁	l _{1x}	l _{1z}	l _{tz}	重量 m (kg)
PSC32	PSC32-RCUSA-19039	73	54	30	39	19	38	1.30
PSC32	PSC32-LCUSA-19039	73	54	30	39	19	38	1.30
PSC40	PSC40-RCUSA-24043	86	77	38	43	24	48	2.26
PSC40	PSC40-LCUSA-24043	86	77	38	43	24	48	2.26
PSC50	PSC50-RCUSA-32048	100	92	44	48	32	64	3.74
PSC50	PSC50-LCUSA-32048	100	92	44	48	32	64	3.74
PSC63	PSC63-RCUSA-42060	122	105	37	60	42	84	7.10
PSC63	PSC63-LCUSA-42060	122	105	37	60	42	84	7.10
PSC80	PSC80-RCUSA-50088	146	133	133	88	50	100	13.25
PSC80	PSC80-LCUSA-50088	146	133	133	88	50	100	13.25

夹紧装置 R\L RUSA 应用设计说明

Clamping device R \ L Rusa application design description



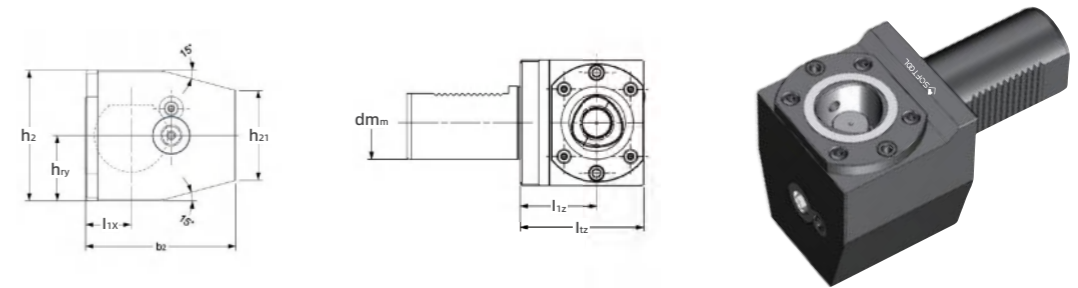
> 技术参数 | Technical parameters

单位 | Unit: mm

接口尺寸 PSC size	d1 (H7)	d2	h1	h2	h3	h4	l1 (min)	l2	l3	l4	l5	l6	lth (min)	Dth
PSC32R\LCUSA19039	12	5	42	39	19.5	1.5	8.5	39	19	19	33.5	28	7.5	M6
PSC40R\LCUSA24043	16	7	60	55	27.5	2.5	11	43	19	19	36.5	30	11	M8
PSC50R\LCUSA32048	20	7	70	62	31	4	12	48	21	21	39.5	33	13	M10
PSC63R\LCUSA42060	25	10	82	71	35.5	5.5	20	60	24.5	24.5	50.5	41	12	M10
PSC80R\LCUSA50088	32	11	110	92	46	9	20	88	43	43	76	63	14.5	M12

VDI 外圆车刀接纳器

VDI External Receiver



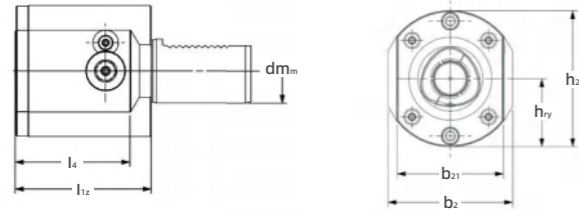
> 技术参数 | Technical parameters

单位 | Unit: mm

VDI 尺寸 VDI size	接口尺寸 PSC size	订货号 Ordering code	b2	h _{ry}	h ₂	h ₂₁	l _{1x}	l _{1x}	l _{1z}	重量 m (kg)
30	PSC32	PSC32-RCVDI30-41020M	74	30	57	38	20	41	60	2.1
30	PSC32	PSC32-LCVDI30-41020M	74	30	57	38	20	41	60	2.1
30	PSC32	PSC32-RCVDI30-41030M	73	30	57	41	30	41	60	2.2
30	PSC32	PSC32-LCVDI30-41030M	73	30	57	41	30	41	60	2.2
40	PSC40	PSC40-RCVDI40-51030M	86	38	75	54	30	51	75	3.2
40	PSC40	PSC40-LCVDI40-51030M	86	38	75	54	30	51	75	3.2
50	PSC40	PSC40-RCVDI50-51040M	86	38	75	60	40	51	75	3.2
50	PSC40	PSC40-LCVDI50-51040M	86	38	75	60	40	51	75	3.2
40	PSC50	PSC50-RCVDI40-53030M	99	41	82	47	30	53	85	5.7
40	PSC50	PSC50-LCVDI40-53030M	99	41	82	47	30	53	85	5.7
40	PSC50	PSC50-RCVDI40-53040M	99	41	82	53	40	53	85	5.7
40	PSC50	PSC50-LCVDI40-53040M	99	41	82	53	40	53	85	5.7
50	PSC50	PSC50-RCVDI50-41030M	86	43	86	66	30	41	65	5.7
50	PSC50	PSC50-LCVDI50-41030M	86	43	86	66	30	41	65	5.7
50	PSC50	PSC50-RCVDI50-53030M	99	43	86	59	30	53	85	5.7
50	PSC50	PSC50-LCVDI50-53030M	99	43	86	59	30	53	85	5.7
50	PSC50	PSC50-RCVDI50-53040M	99	43	86	65	40	53	85	5.7
50	PSC50	PSC50-LCVDI50-53040M	99	43	86	65	40	53	85	5.7
60	PSC50	PSC50-RCVDI60-43040M	99	53	94	76	40	43	75	5.7
60	PSC50	PSC50-LCVDI60-43040M	99	53	94	76	40	43	75	5.7
60	PSC63	PSC63-RCVDI60-53040M	122	53	105	70	40	53	95	6.0
60	PSC63	PSC63-LCVDI60-53040M	122	53	105	70	40	53	95	6.0

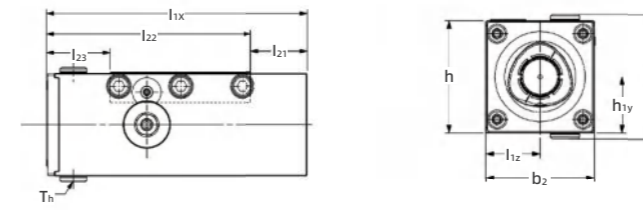
VDI 内圆车刀接纳器

VDI Internal Receiver



卧式刀塔接纳器

Horizontal Lathe Receiver



> 技术参数 | Technical parameters

单位 | Unit: mm

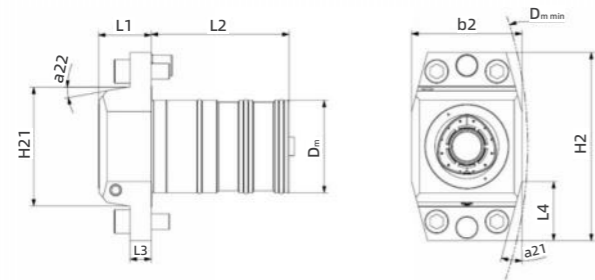
VDI 尺寸 VDI size	接口尺寸 PSC size	订货号 Ordering code	b ₂₁	b ₂	h _{1y}	h ₂	l _{1z}	l ₄	重量 m (kg)
30	PSC32	PSC32-RCVDI30-00060M	38	50	34	61	60	44	1
30	PSC32	PSC32-LCVDI30-00060M	38	50	34	61	60	44	1
40	PSC40	PSC40-RCVDI40-00075M	48	75	41	75	75	53	2.2
40	PSC40	PSC40-LCVDI40-00075M	48	75	41	75	75	53	2.2
50	PSC40	PSC40-RCVDI50-00065M	64	75	41	82	85	72	3.2
50	PSC40	PSC40-LCVDI50-00065M	64	75	41	82	85	72	3.2
40	PSC50	PSC50-RCVDI40-00085M	48	70	49	83	65	39	2.2
40	PSC50	PSC50-LCVDI40-00085M	48	70	49	83	65	39	2.2
50	PSC50	PSC50-RCVDI50-00085M	64	83	49	91	85	62	3.2
50	PSC50	PSC50-LCVDI50-00085M	64	83	49	91	85	62	3.2
60	PSC50	PSC50-RCVDI60-00075M	64	80	58	100	75	56	5.7
60	PSC50	PSC50-LCVDI60-00075M	64	80	58	100	75	56	5.7
60	PSC63	PSC63-RCVDI60-00095M	84	84	58	111	95	50	6.1
60	PSC63	PSC63-LCVDI60-00095M	84	84	58	111	95	50	6.1

> 技术参数 | Technical parameters

单位 | Unit: mm

接口尺寸 PSC size	订货号 Ordering code	b ₂	h _{1y}	h ₂	l _{1x}	l _{1z}	l ₂₁	l ₂₂	l ₂₃	T _h	重量 m (kg)
PSC32	PSC32-RCSQUA-4038M	38	20	62	95	19	16.5	78.5	25	G1/8	11.3
PSC32	PSC32-LCSQUA-4038M	38	20	62	95	19	16.5	78.5	25	G1/8	1.3
PSC40	PSC40-RCSQUA-5048M	48	25	54	125	24	24	101	30.5	G1/8	2.3
PSC40	PSC40-LCSQUA-5048M	48	25	54	125	24	24	101	30.5	G1/8	2.3
PSC50	PSC50-RCSQUA-6464M	64	32	68	145	32	27	118	36	G1/8	3.2
PSC50	PSC50-LCSQUA-6464M	64	32	68	145	32	27	118	36	G1/8	3.2

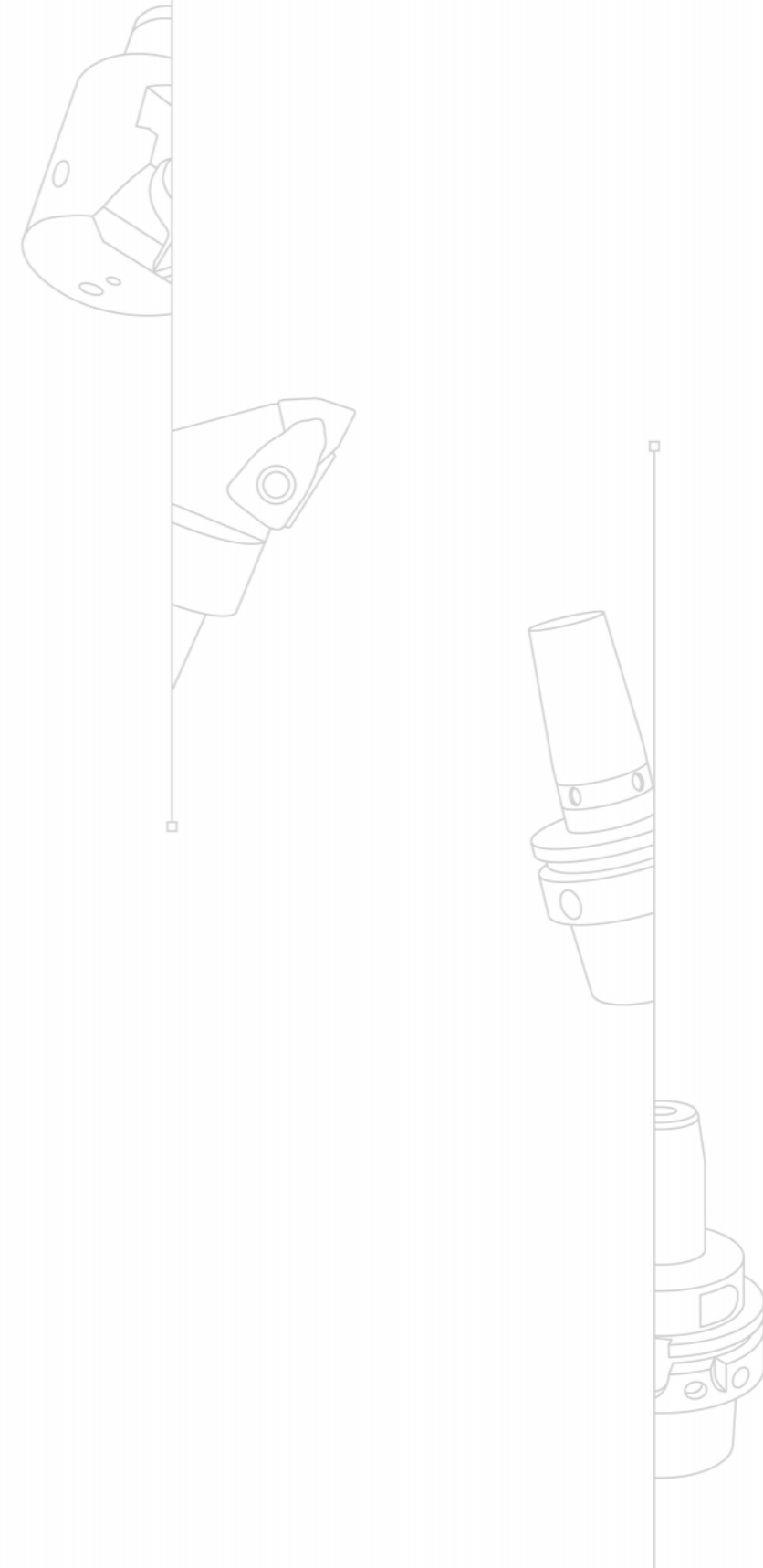
液压驱动接纳器
Hydraulic Actuated Receiver **NEW!**



技术参数 | Technical parameters

单位 | Unit: mm

接口尺寸 PSC size	订货号 Ordering code	b2	Dm	Dm min	H2	H21	L2	L1	L3	L4	a21	a22
PSC40	PSC40-NCHYD-05625M	48	42	260	92	56	74	25	10	22	15°	11°
PSC50	PSC50-NCHYD-07035M	64	55	300	112	70	88	35	12	30	16°	10°
PSC63	PSC63-NCHYD-09040M	84	70	400	143	90	105	40	16	45	15°	10°
PSC80	PSC80-NCHYD-11050M	100	90	500	180	110	120	50	18	59	15°	10°
PSC80X	PSC80X-NCHYD-11050M	100	90	500	180	110	120	50	18	59	15°	10°



方柄接杆
TOOL HOLDER
ADAPTOR



01

可用于传统方刀杆使用
Can be used with traditional square tool holders

03

无需机床内部（停机）对刀
No need downtime to adjust the tool

02

降低刀具使用成本
Reduce the tool cost

04

可以多角度应用
Can be applied from multiple angles

刀柄接杆命名方式

Naming And Coding Rules



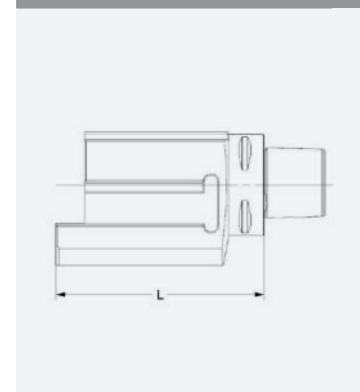
01 接口规格 Coupling Type

PSC	32
	40
	50
	63
	80

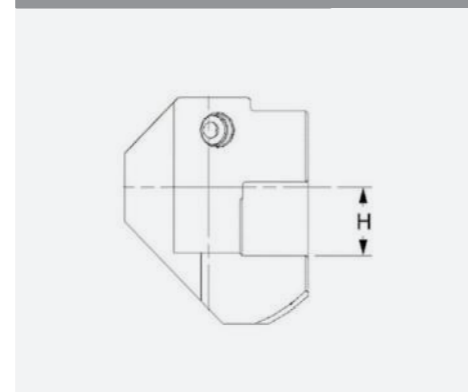
02 产品类型 Production Type

ASHL	通用刀柄 0°左手方向接杆 General Purpose 0° Left-Hand Adaptor
ASHR	通用刀柄 0°右手方向接杆 General Purpose 0° Right-Hand Adaptor
ASHA	通用刀柄 90°接杆 Purpose 90° Shank
ASHS	通用刀柄 0°双向接杆 Purpose 0° Both-sides Adaptor

03 有效长度 Length

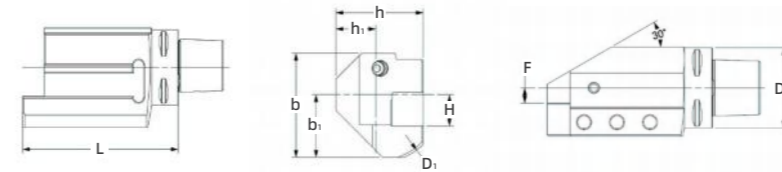


04 刀杆尺寸 Height



通用刀柄 0°接杆

General Purpose 0° Adaptor

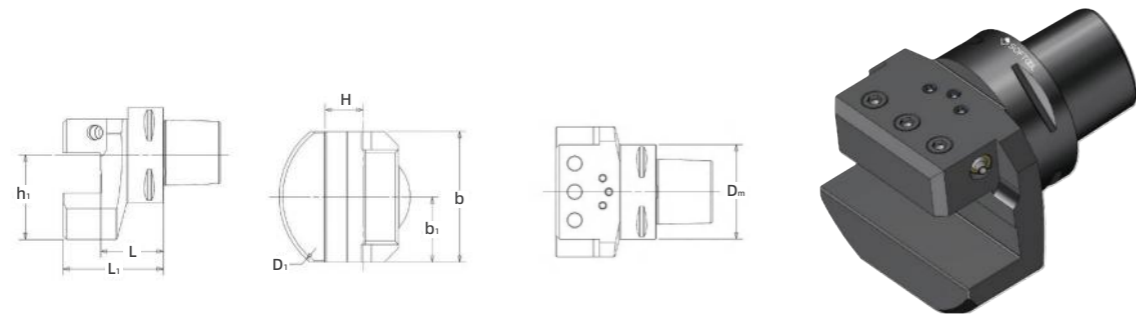


技术参数 | Technical parameters

单位 | Unit: mm

接口尺寸 PSC size	刀杆尺寸 Square size	订货号 Ordering code	d _m	L	F	H	b	h	D ₁	h ₁	b ₁	重量 m (kg)	螺钉 Screw
PSC50	20X20	PSC50-ASHR-095-20	50	95	10	20	55.5	69	85	37	30	1.69	251.080.20
PSC50	20X20	PSC50-ASHL-095-20	50	95	10	20	55.5	69	85	37	30	1.69	251.080.20
PSC63	20X20	PSC63-ASHR-105-20	63	105	10	20	63.5	69	85	37	30	2.39	251.080.20
PSC63	20X20	PSC63-ASHL-105-20	63	105	10	20	63.5	69	85	37	30	2.39	251.080.20
PSC63	25X25	PSC63-ASHR-122-25	63	122	13	25	70	78	100	46	38	3.17	251.100.18
PSC63	25X25	PSC63-ASHL-122-25	63	122	13	25	70	78	100	46	38	3.17	251.100.18
PSC80	25X25	PSC80-ASHR-122-25	80	122	15	25	80	86	103	46	40	4.06	251.100.20
PSC80	25X25	PSC80-ASHL-122-25	80	122	15	25	80	86	103	46	40	4.06	251.100.20
PSC80	32X32	PSC80-ASHR-140-32	80	140	8	32	80	95	110	55	40	5.13	251.120.30
PSC80	32X32	PSC80-ASHL-140-32	80	140	8	32	80	95	110	55	40	5.13	251.120.30

通用刀柄 90°接杆 General Purpose 90° Adaptor

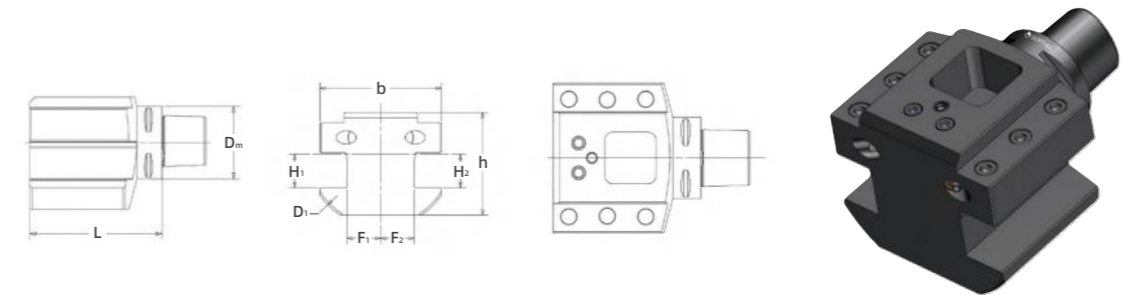


> 技术参数 | Technical parameters

单位 | Unit: mm

接口尺寸 PSC size	刀杆尺寸 Square size	订货号 Ordering code	D _m	L ₁	L	H	b	D ₁	h ₁	b ₁	重量 m (kg)	螺钉 Screw
PSC50	20X20	PSC50-ASHA-065-20	50	65	45	20	64	85	37	32	1.40	251.120.20
PSC63	20X20	PSC63-ASHA-070-20	63	70	50	20	64	85	37	32	1.80	251.120.20
PSC63	25X25	PSC63-ASHA-080-25	63	80	55	25	76	100	46	38	2.40	251.120.20
PSC80	25X25	PSC80-ASHA-075-25	80	75	50	25	80	103	46	38	3.10	251.120.20
PSC80	32X32	PSC80-ASHA-085-32	80	85	53	32	110	142	65	55	4.40	251.120.20

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



> 技术参数 | Technical parameters

单位 | Unit: mm

接口尺寸 PSC size	刀杆尺寸 Square size	订货号 Ordering code	D _m	L ₁	L ₂	F ₁	F ₂	H ₁	H ₂	b	h	D ₁	重量 m (kg)	螺钉 Screw
PSC63	25X25	PSC63-ASHS-122-25	63	122	122	20	20	25	25	90	78	114	4.50	251.120.20
PSC80	25X25	PSC80-ASHS-122-25	80	122	122	30	30	25	25	110	75	128	5.90	251.120.20

ADAPTOR
转接柄



01

PSC接口具有更强的传动扭矩和
稳定性
Stronger transmission torque and stability
with PSC interface

03

更易于维护和维修
More easy to maintain

05

提供快换功能
Provide quick-change
function

02

刀柄模块化结构
Modular structure of holder

04

提高了使用寿命
Prolong the service life

命名方式 Naming And Coding Rules

PSC40	PSC40	080	M
01	02	03	04

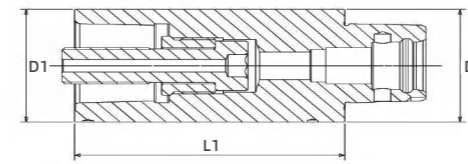
01 主接口规格 Coupling Type			
PSC	32	BT	30
	40		40
	50		50
	63	HSK	50
	80		63
			80
			100

02 转换接口规格 Coupling Type			
PSC	32	Arbor	A16A
	40		A22A
	50		A27A
	63		A32A
	80		A40A
			A40C
			A60C

03 有效长度 Length					
25	25mm	65	65mm	125	125mm
30	30mm	70	70mm	135	135mm
32	32mm	75	75mm	140	140mm
33	33mm	80	80mm	145	145mm
35	35mm	85	85mm	150	150mm
40	40mm	90	90mm	155	155mm
45	45mm	95	95mm	175	175mm
50	50mm	100	100mm	185	185mm
55	55mm	110	110mm	200	200mm
60	60mm	120	120mm		

04 制式 Format	
M	标准款 Standard
A	短款 Short

PSC 加长杆 PSC Extension Adaptor



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	D1	D2	L1	重量 m (kg)
PSC32-PSC32-035A	32	32	35	0.22
PSC32-PSC32-060M	32	32	60	0.36
PSC32-PSC32-080M	32	32	80	0.47
PSC32-PSC32-095M	32	32	95	0.56
PSC40-PSC40-040A	40	40	40	0.40
PSC40-PSC40-060M	40	40	60	0.57
PSC40-PSC40-080M	40	40	80	0.70
PSC40-PSC40-120M	40	40	120	1.11
PSC50-PSC50-050A	50	50	50	0.73
PSC50-PSC50-080M	50	50	80	1.15
PSC50-PSC50-100M	50	50	100	1.38
PSC50-PSC50-150M	50	50	150	2.17
PSC63-PSC63-060A	63	63	60	1.36
PSC63-PSC63-100M	63	63	100	2.26
PSC63-PSC63-140M	63	63	140	3.17
PSC63-PSC63-185M	63	63	185	4.19
PSC80-PSC80-065A	80	80	65	2.41
PSC80-PSC80-100M	80	80	100	3.70
PSC80-PSC80-125M	80	80	125	4.64
PSC80-PSC80-200M	80	80	200	7.47

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PSC 加长杆 PSC Extension Adaptor

> 主要配件 (M) | Main spare parts (M)

接口尺寸 PSC size	螺纹套 Threaded sleeve	拉钉 Pull stud	扳手 Key
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM3015240203	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

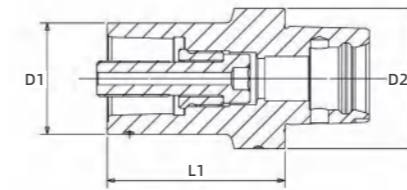
• 可单独订购配件, 按需询价

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

> 主要配件 (A) | Main spare parts (A)

接口尺寸 PSC size	拉钉 Pull stud	扣环 SOFTOOL	扳手 Key
PSC32-PSC32-035A	512.068.01	545.040.02	241.080.00
PSC40-PSC40-040A	512.068.02	545.040.03	241.080.00
PSC50-PSC50-050A	512.068.03	545.040.07	241.080.00
PSC63-PSC63-060A	512.068.04	545.040.08	241.140.00
PSC80-PSC80-065A	512.068.05	545.040.08	241.140.00

PSC 缩颈杆 PSC Reduction Adaptor



> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	D1	D2	L1	重量 m (kg)
PSC40-PSC32-055M	32	40	55	0.49
PSC40-PSC32-070M	32	40	70	0.59
PSC40-PSC32-120M	32	40	120	0.81
PSC50-PSC32-033A	32	50	33	0.54
PSC50-PSC32-060M	32	50	60	0.68
PSC50-PSC32-120M	32	50	120	0.99
PSC50-PSC32-150M	32	50	150	1.65
PSC50-PSC40-040A	40	50	40	0.59
PSC50-PSC40-065M	40	50	65	0.80
PSC50-PSC40-085M	40	50	85	1.10
PSC50-PSC40-140M	40	50	140	1.46
PSC63-PSC32-032A	32	63	32	0.91
PSC63-PSC32-070M	32	63	70	1.12
PSC63-PSC32-125M	32	63	125	1.43
PSC63-PSC32-185M	32	63	185	2.99
PSC63-PSC40-040A	40	63	40	0.98
PSC63-PSC40-080M	40	63	80	1.32
PSC63-PSC40-145M	40	63	145	1.86
PSC63-PSC40-185M	40	63	185	3.23
PSC63-PSC50-050A	50	63	50	1.11

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PSC 缩颈杆

PSC Reduction Adaptor

> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	D1	D2	L1	重量 m (kg)
PSC63-PSC50-080M	50	63	80	1.53
PSC63-PSC50-110M	50	63	110	2.23
PSC63-PSC50-175M	50	63	175	2.79
PSC80-PSC32-060M	32	80	60	2.07
PSC80-PSC32-135M	32	80	135	2.53
PSC80-PSC40-070M	40	80	70	2.20
PSC80-PSC40-155M	40	80	155	2.97
PSC80-PSC40-200M	40	80	200	5.42
PSC80-PSC50-045A	50	80	45	2.00
PSC80-PSC50-080M	50	80	80	2.43
PSC80-PSC50-185M	50	80	185	3.88
PSC80-PSC50-200M	50	80	200	5.84
PSC80-PSC63-055A	63	80	55	2.15
PSC80-PSC63-080M	63	80	80	2.65
PSC80-PSC63-120M	63	80	120	4.10
PSC80-PSC63-200M	63	80	200	5.37

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PSC 缩颈杆

PSC Reduction Adaptor

> 主要配件 (M) | Main spare parts (M)

接口尺寸 PSC size	螺纹套 Threaded sleeve	拉钉 Pull stud	扳手 Key
 PSC32	 SRLM1815155123	 SCFM1215D16050	 241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM3015240203	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

• 可单独订购配件，按需询价

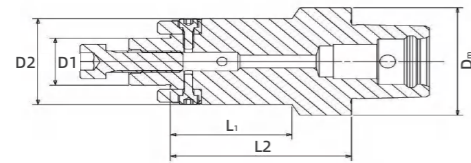
• The spare parts can be ordered separately. Please inquire on demand

> 主要配件 (A) | Main spare parts (A)

接口尺寸 PSC size	拉钉 Pull stud	扣环 SOFTOOL	扳手 Key
 PSC50-PSC32-033A	 512.068.01	 545.040.02	 241.080.00
PSC50-PSC40-040A	512.068.06	545.040.07	241.080.00
PSC63-PSC32-032A	512.068.01	545.040.02	241.080.00
PSC63-PSC40-040A	512.068.02	545.040.03	241.080.00
PSC63-PSC50-050A	512.068.07	545.040.08	241.100.00
PSC80-PSC50-045A	512.068.08	545.040.08	241.100.00
PSC80-PSC63-055A	512.068.05	545.040.08	241.140.00

PSC 转芯轴接柄

PSC with Type Arbor Adaptor



> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	Dm	D1	L2	L1	L2	重量 m (kg)
PSC32-A16A-030M	32	16	32	15	30	0.25
PSC40-A16A-032M	40	16	32	10	32	0.38
PSC40-A16A-055M	40	16	32	33	55	0.40
PSC40-A22A-025M	40	22	40	-	25	0.40
PSC40-A22A-055M	40	22	40	25	55	0.60
PSC50-A16A-035M	50	16	32	10	35	0.60
PSC50-A16A-070M	50	16	32	45	70	0.70
PSC50-A22A-025M	50	22	50	-	25	0.62
PSC50-A22A-070M	50	22	40	47	70	0.90
PSC50-A27A-025M	50	27	50	-	25	0.68
PSC50-A32A-040M	50	32	63	20	40	1.14
PSC63-A16A-040M	63	16	32	10	40	1.00
PSC63-A22A-025M	63	22	50	-	25	0.96
PSC63-A22A-080M	63	22	40	40	80	1.40
PSC63-A27A-025M	63	27	50	-	25	1.01
PSC63-A27A-080M	63	27	50	55	80	1.60

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PSC 转芯轴接柄

PSC with Type Arbor Adaptor

> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	Dm	D1	L2	L1	L2	重量 m (kg)
PSC63-A32A-025M	63	32	63	-	25	1.09
PSC63-A40A-045M	63	40	70	20	45	1.75
PSC63-A40C-050M	63	40	88	28	50	2.40
PSC80-A16A-050M	80	16	32	10	50	2.10
PSC80-A22A-030M	80	22	80	-	30	1.86
PSC80-A22A-090M	80	22	40	45	90	2.40
PSC80-A27A-030M	80	27	50	-	30	1.91
PSC80-A27A-090M	80	27	50	50	90	2.70
PSC80-A32A-030M	80	32	80	-	30	2.02
PSC80-A40A-030M	80	40	80	-	30	2.00
PSC80-A40C-060M	80	40	88	30	60	3.47
PSC80-A60C-080M	80	60	130	50	80	7.78

> 主要配件 | Main spare parts

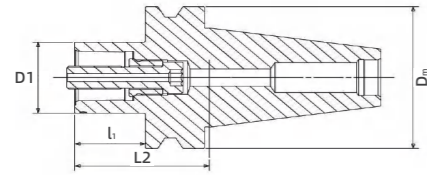
芯轴尺寸 Arbor size	键块 (2X) Key block	键块螺钉 (2X) Key block screw	安装螺钉 Screw	垫圈 Washer	扳手 Key block key	扳手 Key
A16A	141.011.04	113.030.06	120.080.25	-	241.025.56	241.060.90
A22A	141.011.01	113.040.10	120.100.35	-	241.030.63	241.080.00
A27A	141.010.01	113.040.12	120.120.35	133.120.30	241.030.63	241.100.00
A32A	141.010.04	-	120.160.40	133.160.30	241.040.70	241.140.00
A40A	141.010.02	113.060.15	120.200.45	133.200.40	241.050.80	241.170.00
A40C	142.010.02	113.060.20	113.120.40	-	241.050.80	241.100.00
A60C	141.011.02	113.120.25	113.160.50	-	241.100.00	241.140.00

● 可单独订购配件，按需询价

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

BT 转 PSC 接柄

BT with Type PSC Adaptor



> 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	D1	L2	l1	Dm	重量 m (kg)
BT30-PSC32-030M	32	30	8	46	0.42
BT30-PSC32-060M	32	60	38	46	0.58
BT30-PSC40-060M	40	60	38	46	0.67
BT30-PSC50-080M	50	80	58	46	1.08
BT40-PSC32-030M	32	30	3	63	1.00
BT40-PSC32-060M	32	60	33	63	0.99
BT40-PSC40-030M	40	30	3	63	0.95
BT40-PSC40-060M	40	60	33	63	1.21
BT40-PSC50-030M	50	30	3	63	3.56
BT40-PSC50-070M	50	70	43	63	4.09
BT40-PSC63-075M	63	75	48	63	1.75
BT50-PSC32-040M	32	40	2	100	3.72
BT50-PSC32-070M	32	70	32	100	3.82
BT50-PSC40-040M	40	40	2	100	3.72
BT50-PSC40-070M	40	70	32	100	3.90
BT50-PSC50-040M	50	40	2	100	3.59
BT50-PSC50-080M	50	80	42	100	4.13
BT50-PSC63-040M	63	40	2	100	3.61
BT50-PSC63-090M	63	90	52	100	4.71
BT50-PSC80-070M	80	70	32	100	4.16
BT50-PSC80-120M	80	120	82	100	6.02

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BT 转 PSC 接柄

BT with Type PSC Adaptor

> 主要配件 | Main spare parts

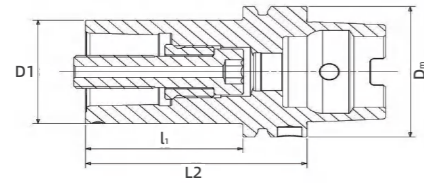
接口尺寸 PSC size	螺纹套 Threaded sleeve	拉钉 Pull stud	扳手 Key
PSC32	SRML1815155123	SCFM1215D16050	241.080.00
PSC40	SRML2215175143	SCFM1415D19057	241.080.00
PSC50	SRML2515200163	SCFM1615D22069	241.100.00
PSC63	SRML2515200163	SCFM2020D27087	241.140.00
PSC80	SRML3015240203	SCFM2020D27087	241.140.00

● 可单独订购配件，按需询价

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

HSK 转 PSC 接柄

HSK with Type PSC Adaptor



技术参数 | Technical parameters

单位 | Unit: mm

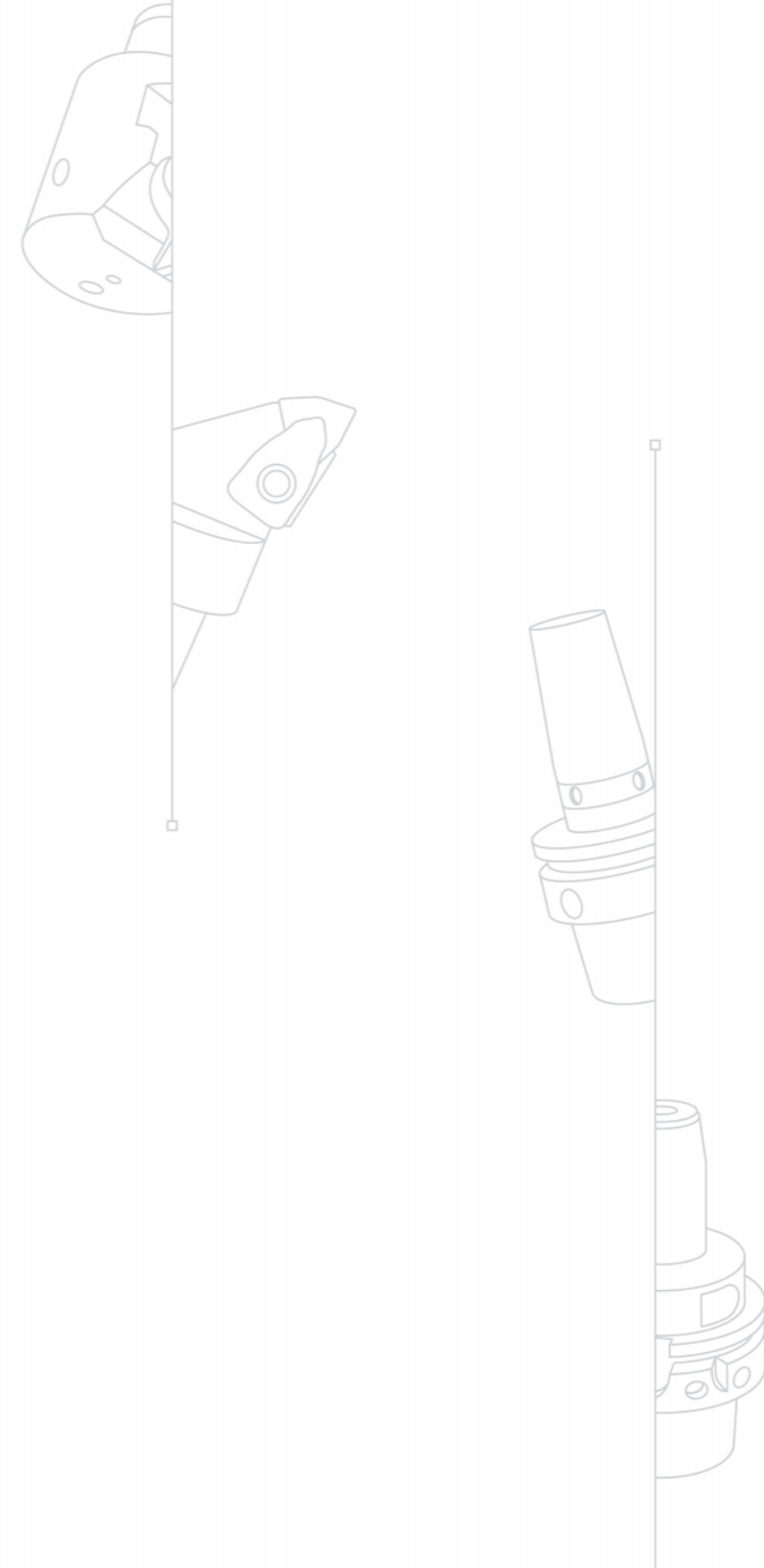
订货号 Ordering code	D1	L2	l1	Dm	重量 m (kg)
HSK50A-PSC32-075M	32	75	49	50	0.67
HSK50A-PSC40-080M	40	80	54	50	0.85
HSK63A-PSC32-075M	32	75	49	63	0.97
HSK63A-PSC40-080M	40	80	54	63	1.14
HSK63A-PSC50-090M	50	90	64	63	1.47
HSK80A-PSC40-090M	40	90	64	80	1.69
HSK80A-PSC50-095M	50	95	69	80	2.02
HSK80A-PSC63-110M	63	110	84	80	2.79
HSK100A-PSC32-080M	32	80	43	100	2.42
HSK100A-PSC40-090M	40	90	61	100	2.63
HSK100A-PSC50-100M	50	100	71	100	3.02
HSK100A-PSC63-110M	63	110	81	100	3.70
HSK100A-PSC80-120M	80	120	91	100	4.87

主要配件 | Main spare parts

接口尺寸 PSC size	螺纹套 Threaded sleeve	拉钉 Pull stud	扳手 Key
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM2515200163	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

● 可单独订购配件，按需询价

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



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