

B—
热装刀柄

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公众号二维码 视频号二维码

B—
SHRINK-FIT
CHUCK



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

B—热装刀柄

B - Shrink-fit Chuck



公司简介

COMPANY PROFILE

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

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

集产品研发、工艺设计、生产制造、OEM/ODM代工、产品销售为一体的钢制品制造企业，为全球客户专业提供PSC产品、铣刀体、钻杆、镗刀、液压刀柄、热装刀柄、曲轴、型线刀具等产品及个性化专属解决方案，产品应用覆盖了风（核）能发电、模具制造、汽车、工程机械、铁路、石油化工等各个领域。

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





V 愿景 ision

构建全球刀具行业的协助平台，
成为世界具有影响力的刀具企业。

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

M 使命 ission

引领刀体行业的健康发展；
助力刀具企业的产业升级。

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

C 核心价值观 ore Value

以品质铸就企业，
以利益回馈客户，
以价值成就员工。

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

S 品牌标语 logan

是刀具更是艺术。

Tooling also arts.

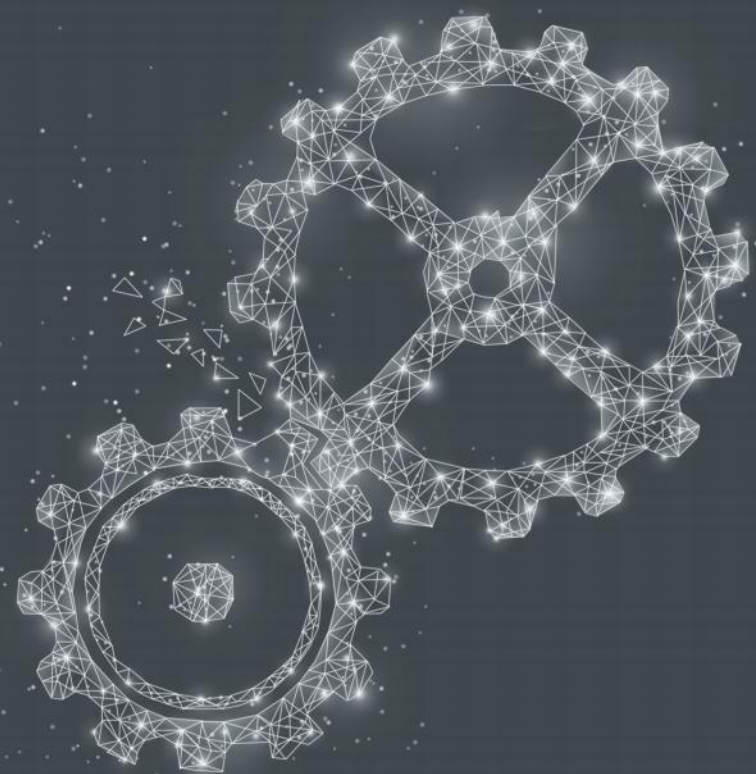


SUPERIOR SERVICE
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优质服务 SUPERIOR SERVICE

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

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



ADVANCED TECHNOLOGY
ADVANCED TECHNOLOGY

精湛技术

ADVANCED TECHNOLOGY

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

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



LARGE SCALE
LARGE SCALE

更大规模

LARGE SCALE

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

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

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

* 本样册所刊载所有样品均支持OEM贴牌业务。

可单独订购配件, 按需询价。

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

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

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

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B

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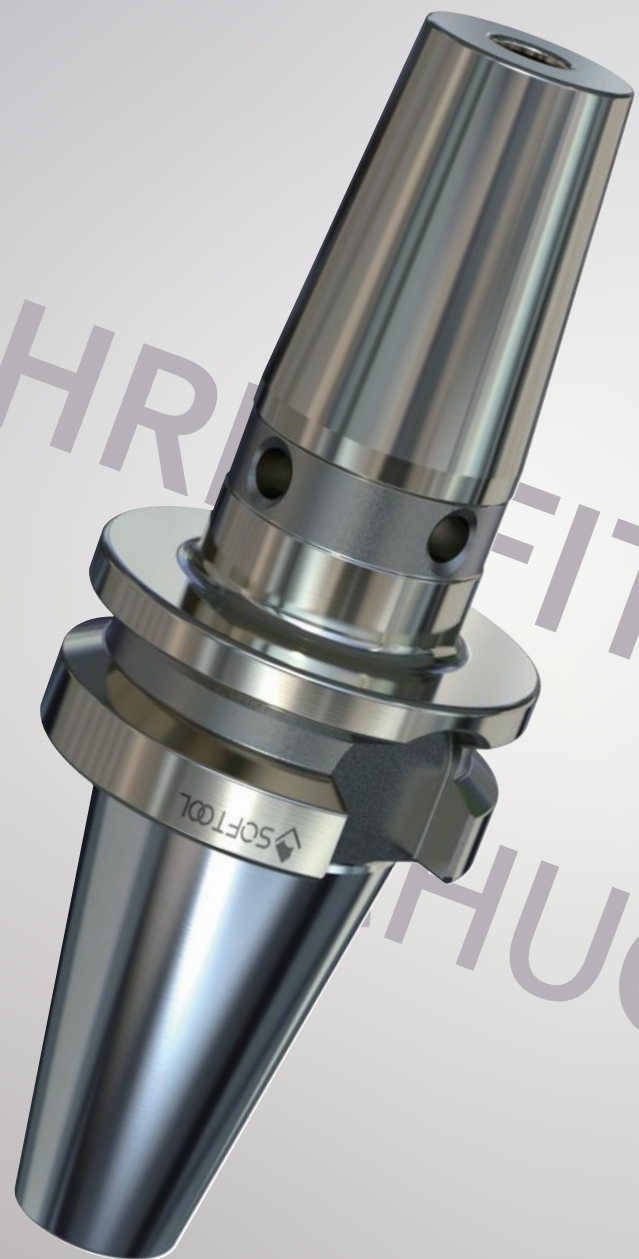
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◎ 设计特点 | Design Features



产品选用定制钢材，具有优秀的热缩特性，配合品牌热装机可实现数秒内换刀

您的收益

- 良好的热缩特性，提高了换刀效率，减少机床停机等待时间；
- 可实现合金刀具、高速钢刀具及钢制品刀具的装夹，通用性强，降低刀具库存成本。

The product is made of customized steel with better pyrocondensation. Fitting on quality shrink fit, it can realize changing tools within few seconds

Benefit

- Better pyrocondensation improves the efficiency of changing tool and reduces the downtime of the machine tool;
- Adaptable for the clamping of alloy tools, high-speed steel tools and steel products tools. With strong universality it can reduce the tool inventory cost.



特有的表面处理工艺，反复加热无明显变色

您的收益

- 延长刀柄寿命，有效防腐防锈；
- 避免刀柄在加工时被铁屑磨损。

Unique surface treatment process. Repeated heating without obvious discoloration

Benefit

- Extend the service life and effectively prevent corrosion and rust;
- Avoid being cut and worn by chip during machining.



2.5倍径处回转精度 $\leq 0.003\text{mm}$

您的收益

- 使刀具在加工过程中均匀切削；
- 提高加工工件表面光洁度；
- 延长刀具使用寿命。

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

Benefit

- Even cutting during the machining process;
- Improve the surface finish of machined workpiece;
- Prolong the tool service life.

◎ 命名方式 | Naming And Coding Rules

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
BHQ	强力型 High Torque
BHS	强力型安全锁 High Torque & Safe Lock
BDM	模具型 Mold & Die
BHD	强力模具型 High Torque Mold & Die

01.产品类型 | TYPE

BGP
01

BT30
02

A
03

ST
04

04
05

090
06

M
07

BT	30A	40A	50A			
SK	30A	40A	50A			
HSK	32A/E	40A/E	50A/E	63A	80A	100A
PSC	63A					

02.接口规格 | COUPLING TYPE

HY	液压刀柄 Hydraulic Chuck
ST	热装刀柄 Shrink-fit Chuck

04.刀柄类型 | CHUCK TYPE

M	公制 Metric
I	英制 Inch

07.制式 | FORMAT

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

03.法兰类型 | FLANGE TYPE

3	3mm	14	14mm
4	4mm	16	16mm
6	6mm	18	18mm
8	8mm	20	20mm
10	10mm	25	25mm
12	12mm	32	32mm

05.夹持孔直径 | DIAMETER

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

06.有效长度 | LENGTH

通用型热装刀柄

GENERAL PURPOSE

- 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；
- HSK系列热装刀柄自带芯片孔，可直接装载芯片，无需额外费用；
- 适用于钻削、铰削、镗削及铣削等切削加工；
- 接口涵盖BT、HSK、SK等规格；
- 跳动精度<0.003mm；
- 转速为25000rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm。

- The shrink-fit chuck has a thread balance hole, which can be directly assembled with a balance screw for dynamic balance adjustment;
- The HSK series shrink-fit chuck has a chip hole, which can be directly assembled with chips without additional costs.
- For drilling, reaming, boring, milling, and other cutting machining;
- Coupling type: BT/HSK/SK;
- Runout < 0.003mm;
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm.



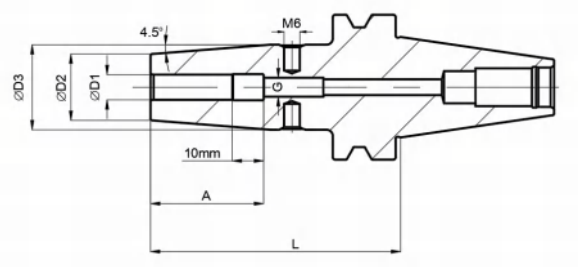
通用型/GP BT30A

JIS B6339

通用型/GP BT30A

JIS B6339





- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	重量 m (kg)
BT30A	BGPBT30AST03060M	3	10	-	60	10	-	0.42
BT30A	BGPBT30AST03080M	3	10	-	80	10	-	0.45
BT30A	BGPBT30AST04060M	4	10	-	60	13	-	0.42
BT30A	BGPBT30AST04080M	4	10	-	80	13	-	0.45
BT30A	BGPBT30AST06060M	6	23	-	60	36	M5	0.51
BT30A	BGPBT30AST06080M	6	21	27	80	36	M5	0.59
BT30A	BGPBT30AST08060M	8	23	-	60	36	M6	0.49
BT30A	BGPBT30AST08080M	8	21	27	80	36	M6	0.57
BT30A	BGPBT30AST10060M	10	27	-	60	41	M8	0.52
BT30A	BGPBT30AST10080M	10	24	32	80	41	M8	0.63
BT30A	BGPBT30AST12060M	12	27	-	60	46	M8	0.50
BT30A	BGPBT30AST12080M	12	24	32	80	46	M8	0.61
BT30A	BGPBT30AST14065M	14	30	-	65	46	M10	0.56

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技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
BT30A	BGPBT30AST14080M	14	27	34	80	46	M10	0.66
BT30A	BGPBT30AST16065M	16	30	-	65	49	M12	0.54
BT30A	BGPBT30AST16080M	16	27	34	80	49	M12	0.64
BT30A	BGPBT30AST18070M	18	35.5	40.5	70	49	M12	0.66
BT30A	BGPBT30AST18090M	18	33	40.5	90	49	M12	0.86
BT30A	BGPBT30AST20070M	20	35.5	40.5	70	51	M12	0.64
BT30A	BGPBT30AST20090M	20	33	40.5	90	51	M12	0.84

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

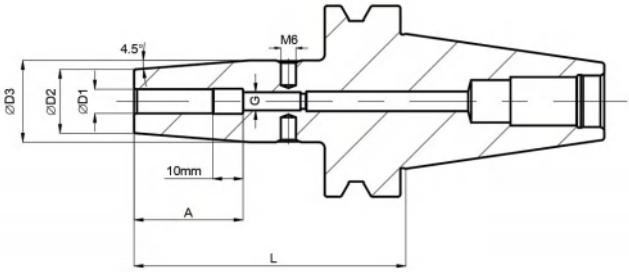
通用型/GP BT40A

JIS B6339

通用型/GP BT40A

JIS B6339





- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	重量 m (kg)
BT40A	BGPBT40AST03090M	3	10	-	90	10	-	1.06
BT40A	BGPBT40AST03120M	3	10	-	120	10	-	1.14
BT40A	BGPBT40AST03130M	3	10	-	130	10	-	1.18
BT40A	BGPBT40AST04090M	4	10	-	90	13	-	1.06
BT40A	BGPBT40AST04120M	4	10	-	120	13	-	1.14
BT40A	BGPBT40AST04130M	4	10	-	130	13	-	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

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技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
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
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	1.78
BT40A	BGPBT40AST32120M	32	44	53	120	58	M16	2.12

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

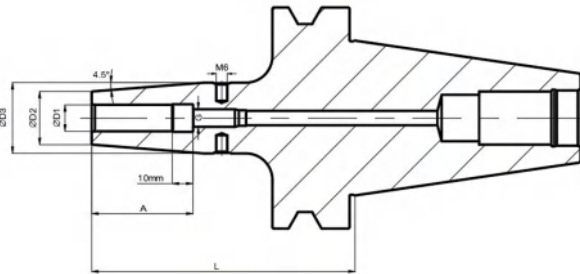
- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

通用型/GP BT50A

JIS B6339

通用型/GP BT50A

JIS B6339



- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	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	4.01
BT50A	BGPBT50AST06160M	6	21	27	160	36	M5	4.25
BT50A	BGPBT50AST06200M	6	21	27	200	36	M5	4.41
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	4.24
BT50A	BGPBT50AST08200M	8	21	27	200	36	M6	4.40
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	4.38
BT50A	BGPBT50AST10200M	10	24	32	200	42	M8	4.61
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	4.36

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技术参数 | Technical parameters

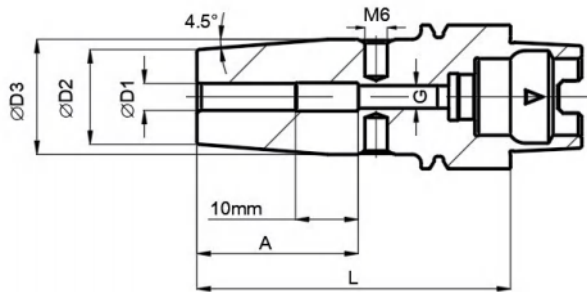
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
BT50A	BGPBT50AST12200M	12	24	32	200	47	M8	4.59
BT50A	BGPBT50AST14100M	14	27	34	100	47	M10	3.93
BT50A	BGPBT50AST14120M	14	27	34	120	47	M10	4.08
BT50A	BGPBT50AST14130M	14	27	34	130	47	M10	4.15
BT50A	BGPBT50AST14160M	14	27	34	160	47	M10	4.40
BT50A	BGPBT50AST14200M	14	27	34	200	47	M10	4.63
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	4.38
BT50A	BGPBT50AST16200M	16	27	34	200	50	M12	4.61
BT50A	BGPBT50AST18100M	18	33	42	100	50	M12	4.05
BT50A	BGPBT50AST18120M	18	33	42	120	50	M12	4.20
BT50A	BGPBT50AST18130M	18	33	42	130	50	M12	4.27
BT50A	BGPBT50AST18160M	18	33	42	160	50	M12	4.52
BT50A	BGPBT50AST18200M	18	33	42	200	50	M12	4.75
BT50A	BGPBT50AST20100M	20	33	42	100	52	M12	4.02
BT50A	BGPBT50AST20120M	20	33	42	120	52	M12	4.17
BT50A	BGPBT50AST20130M	20	33	42	130	52	M12	4.24
BT50A	BGPBT50AST20160M	20	33	42	160	52	M12	4.49
BT50A	BGPBT50AST20200M	20	33	42	200	52	M12	4.72
BT50A	BGPBT50AST25100M	25	45	53	100	58	M16	4.27
BT50A	BGPBT50AST25120M	25	45	53	120	58	M16	4.42
BT50A	BGPBT50AST25130M	25	44	53	130	58	M16	4.49
BT50A	BGPBT50AST25160M	25	44	53	160	58	M16	4.74
BT50A	BGPBT50AST25200M	25	44	53	200	58	M16	4.97
BT50A	BGPBT50AST32100M	32	45	53	100	58	M16	4.11
BT50A	BGPBT50AST32120M	32	45	53	120	58	M16	4.26
BT50A	BGPBT50AST32130M	32	44	53	130	58	M16	4.33
BT50A	BGPBT50AST32160M	32	44	53	160	58	M16	4.58
BT50A	BGPBT50AST32200M	32	44	53	200	58	M16	4.81

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

通用型/GP HSK32A

DIN 69893



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

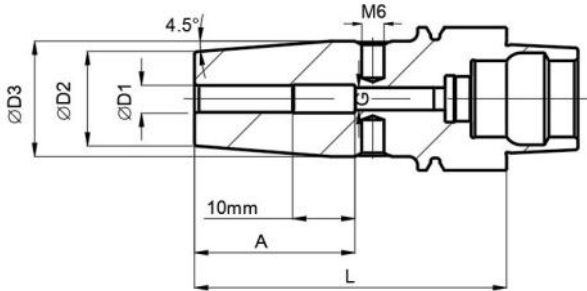
接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK32A	BGPHSK32AST03060M	3	10	-	60	10	-	0.15	M10*1
HSK32A	BGPHSK32AST04060M	4	10	-	60	13	-	0.15	M10*1
HSK32A	BGPHSK32AST06070M	6	21	27	70	36	M5	0.29	M10*1
HSK32A	BGPHSK32AST08070M	8	21	27	70	36	M6	0.28	M10*1
HSK32A	BGPHSK32AST10080M	10	24	32	80	42	M8	0.29	M10*1

- 刀具柄部公差等级h6
- 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113页

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately. Please refer to P113

通用型/GP HSK32E

DIN 69893



- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	重量 m (kg)	水嘴 Nozzle
HSK32E	BGPHSK32EST03060M	3	10	-	60	10	-	0.15	M10*1
HSK32E	BGPHSK32EST04060M	4	10	-	60	13	-	0.15	M10*1
HSK32E	BGPHSK32EST06070M	6	21	27	70	36	M5	0.29	M10*1
HSK32E	BGPHSK32EST08070M	8	21	27	70	36	M6	0.29	M10*1
HSK32E	BGPHSK32EST10080M	10	24	32	80	42	M8	0.35	M10*1

- 刀具柄部公差等级h6
- 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113页

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately. Please refer to P113

通用型/GP HSK40A

DIN 69893

通用型/GP HSK40E

DIN 69893



- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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
- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	重量 m (kg)	水嘴 Nozzle
HSK40A	BGPHSK40AST03060M	3	10	-	60	10	-	0.26	M12*1
HSK40A	BGPHSK40AST03120M	3	10	-	120	10	-	0.38	M12*1
HSK40A	BGPHSK40AST03130M	3	10	-	130	10	-	0.42	M12*1
HSK40A	BGPHSK40AST04060M	4	10	-	60	13	-	0.26	M12*1
HSK40A	BGPHSK40AST04120M	4	10	-	120	13	-	0.38	M12*1
HSK40A	BGPHSK40AST04130M	4	10	-	130	13	-	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
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	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

- 刀具柄部公差等级h6
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK40E	BGPHSK40EST03060M	3	10	-	60	10	-	0.237	M12*1
HSK40E	BGPHSK40EST04060M	4	10	-	60	13	-	0.237	M12*1
HSK40E	BGPHSK40EST06060M	6	22.5	21	60	36	M5	0.334	M12*1
HSK40E	BGPHSK40EST06080M	6	21	27	80	36	M5	0.421	M12*1
HSK40E	BGPHSK40EST08060M	8	22.5	21	60	36	M6	0.328	M12*1
HSK40E	BGPHSK40EST08080M	8	21	27	80	36	M6	0.407	M12*1
HSK40E	BGPHSK40EST10060M	10	26.5	24	60	42	M8	0.354	M12*1
HSK40E	BGPHSK40EST10080M	10	32	32	80	42	M8	0.464	M12*1
HSK40E	BGPHSK40EST12060M	12	26.5	24	60	47	M8	0.342	M12*1
HSK40E	BGPHSK40EST12080M	12	32	32	80	47	M8	0.449	M12*1
HSK40E	BGPHSK40EST14060M	14	30	27	60	47	M10	0.369	M12*1
HSK40E	BGPHSK40EST14080M	14	33	34	80	47	M10	0.491	M12*1
HSK40E	BGPHSK40EST16060M	16	30	27	60	50	M12	0.35	M12*1
HSK40E	BGPHSK40EST16080M	16	33	34	80	50	M12	0.467	M12*1

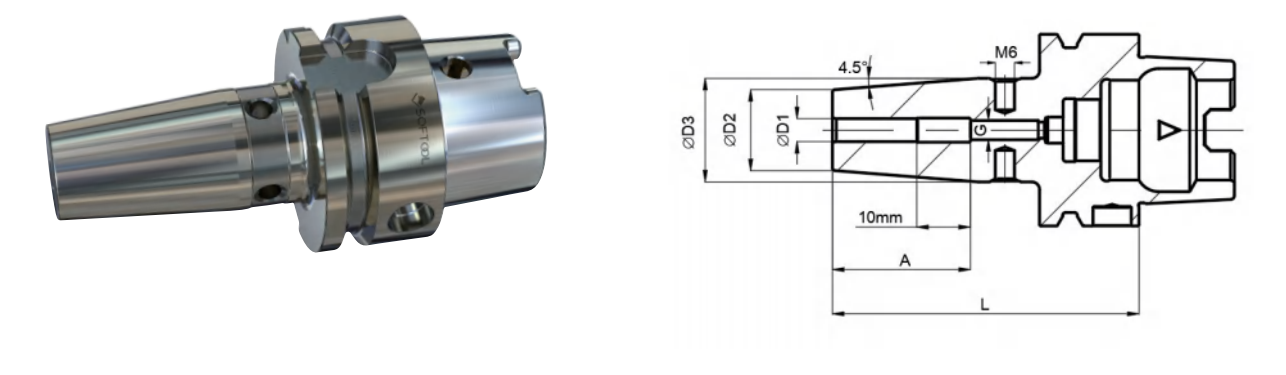
- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
 - 如需单独订购水嘴，请参照113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

通用型/GP HSK50A

DIN 69893

通用型/GP HSK50A

DIN 69893



- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	重量 m (kg)	水嘴 Nozzle
HSK50A	BGPHSK50AST03060M	3	10	-	60	10	-	0.41	M16*1
HSK50A	BGPHSK50AST03120M	3	10	-	120	10	-	0.55	M16*1
HSK50A	BGPHSK50AST03130M	3	10	-	130	10	-	0.59	M16*1
HSK50A	BGPHSK50AST04060M	4	10	-	60	13	-	0.41	M16*1
HSK50A	BGPHSK50AST04120M	4	10	-	120	13	-	0.55	M16*1
HSK50A	BGPHSK50AST04130M	4	10	-	130	13	-	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	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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技术参数 Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	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	50	M12	0.70	M16*1
HSK50A	BGPHSK50AST16095M	16	27	34	95	50	M12	0.67	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

- 刀具柄部公差等级h6
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

通用型/GP HSK50E

DIN 69893

通用型/GP HSK63A

DIN 69893



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

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK50E	BGPHSK50EST03060M	3	10	-	60	10	-	0.43	M16*1
HSK50E	BGPHSK50EST04060M	4	10	-	60	13	-	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

- 刀具柄部公差等级h6
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK63A	BGPHSK63AST03080M	3	10	-	80	10	-	0.69	M18*1
HSK63A	BGPHSK63AST03120M	3	10	-	120	10	-	0.80	M18*1
HSK63A	BGPHSK63AST03130M	3	10	-	130	10	-	0.84	M18*1
HSK63A	BGPHSK63AST04080M	4	10	-	80	13	-	0.68	M18*1
HSK63A	BGPHSK63AST04120M	4	10	-	120	13	-	0.79	M18*1
HSK63A	BGPHSK63AST04130M	4	10	-	130	13	-	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	10	24	32	85	42	M8	0.89	M18*1
HSK63A	BGPHSK63AST10120M	10	24	32	120	42	M8	1.12	M18*1

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通用型/GP HSK63A

DIN 69893

通用型/GP HSK80A

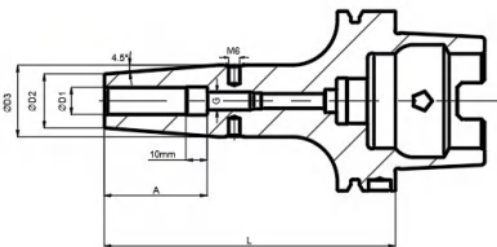
DIN 69893

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
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
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	BGPHSK63AST25115M	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

- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
 - 如需单独订购水嘴，请参考113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113



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

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通用型/GP HSK80A

DIN 69893

通用型/GP HSK100A

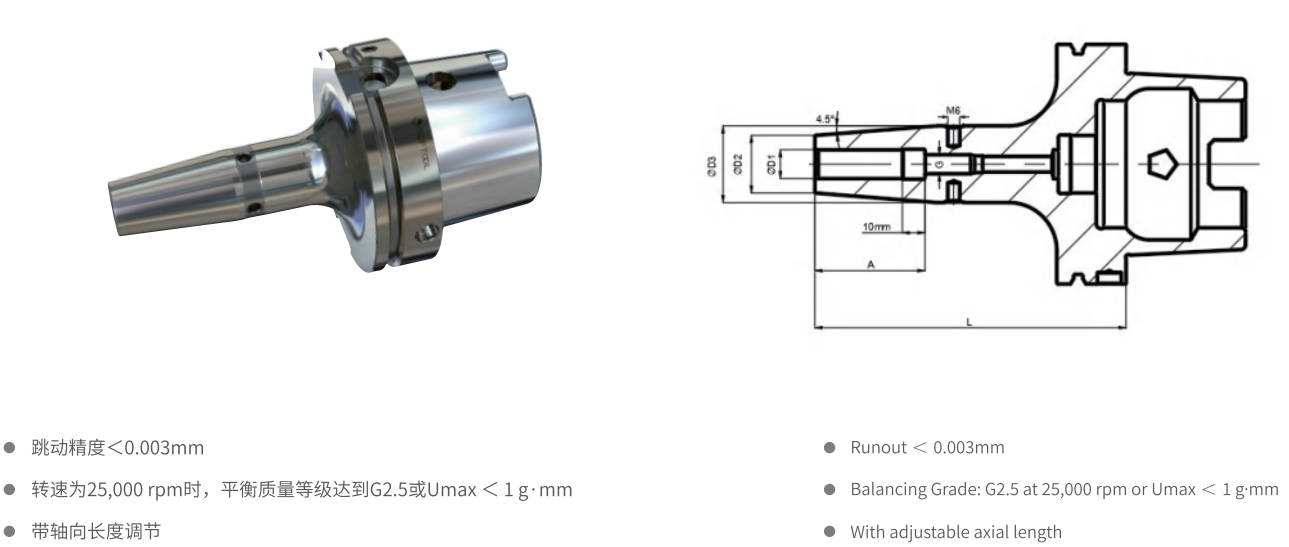
DIN 69893

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
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
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
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113



- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	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	2.66	M24*1.5
HSK100A	BGPHSK100AST06200M	6	21	27	200	36	M5	2.83	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	2.65	M24*1.5
HSK100A	BGPHSK100AST08200M	8	21	27	200	36	M6	2.82	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	2.82	M24*1.5
HSK100A	BGPHSK100AST10200M	10	24	32	200	42	M8	3.10	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

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通用型/GP HSK100A

DIN 69893

通用型/GP SK30A

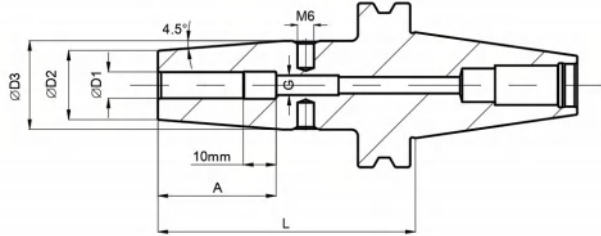
DIN 69871

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK100A	BGPHSK100AST12160M	12	24	32	160	47	M8	2.81	M24*1.5
HSK100A	BGPHSK100AST12200M	12	24	32	200	47	M8	3.09	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
HSK100A	BGPHSK100AST14130M	14	27	34	130	47	M10	2.63	M24*1.5
HSK100A	BGPHSK100AST14160M	14	27	34	160	47	M10	2.89	M24*1.5
HSK100A	BGPHSK100AST14200M	14	27	34	200	47	M10	3.23	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	2.86	M24*1.5
HSK100A	BGPHSK100AST16200M	16	27	34	200	50	M12	3.20	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	3.22	M24*1.5
HSK100A	BGPHSK100AST18200M	18	33	42	200	50	M12	3.64	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	3.20	M24*1.5
HSK100A	BGPHSK100AST20200M	20	33	42	200	52	M12	3.62	M24*1.5
HSK100A	BGPHSK100AST25115M	25	44	53	115	58	M16	2.86	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
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113



- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	重量 m (kg)
SK30A	BGPSK30AST03060M	3	10	-	60	10	-	0.41
SK30A	BGPSK30AST03080M	3	10	-	80	10	-	0.44
SK30A	BGPSK30AST04060M	4	10	-	60	13	-	0.41
SK30A	BGPSK30AST04080M	4	10	-	80	13	-	0.44
SK30A	BGPSK30AST06060M	6	23	-	60	36	M5	0.51
SK30A	BGPSK30AST06080M	6	21	27	80	36	M5	0.59
SK30A	BGPSK30AST08060M	8	23	-	60	36	M6	0.5
SK30A	BGPSK30AST08080M	8	21	27	80	36	M6	0.58
SK30A	BGPSK30AST10060M	10	27	-	60	42	M8	0.52
SK30A	BGPSK30AST10080M	10	24	32	80	42	M8	0.64
SK30A	BGPSK30AST12060M	12	27	-	60	47	M8	0.51
SK30A	BGPSK30AST12080M	12	24	32	80	47	M8	0.62
SK30A	BGPSK30AST16065M	16	30	-	60	50	M12	0.54
SK30A	BGPSK30AST16080M	16	27	34	80	50	M12	0.63
SK30A	BGPSK30AST20070M	20	35.5	40.5	70	52	M12	0.65

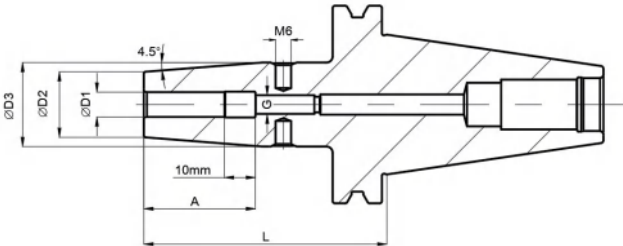
- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request

通用型/GP SK40A

DIN 69871

通用型/GP SK40A

DIN 69871



- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	重量 m (kg)
SK40A	BGPSK40AST03080M	3	10	-	80	10	-	0.89
SK40A	BGPSK40AST03120M	3	10	-	120	10	-	1.01
SK40A	BGPSK40AST03130M	3	10	-	130	10	-	1.05
SK40A	BGPSK40AST04080M	4	10	-	80	13	-	0.89
SK40A	BGPSK40AST04120M	4	10	-	120	13	-	1.01
SK40A	BGPSK40AST04130M	4	10	-	130	13	-	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

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
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
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	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	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

- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request

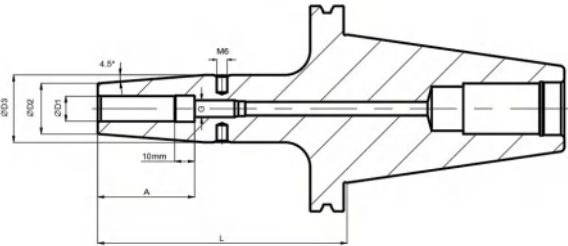
通用型/GP SK50A

DIN 69871

通用型/GP SK50A

DIN 69871





- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	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	3.35
SK50A	BGPSK50AST06200M	6	21	27	200	36	M5	3.52
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	3.35
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	3.45
SK50A	BGPSK50AST10200M	10	24	32	200	42	M8	3.69
SK50A	BGPSK50AST12080M	12	24	32	80	47	M8	2.99
SK50A	BGPSK50AST12120M	12	24	32	120	47	M8	3.15
SK50A	BGPSK50AST12130M	12	24	32	130	47	M8	3.21

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
SK50A	BGPSK50AST12160M	12	24	32	160	47	M8	3.45
SK50A	BGPSK50AST12200M	12	24	32	200	47	M8	3.69
SK50A	BGPSK50AST14080M	14	27	34	80	47	M10	2.92
SK50A	BGPSK50AST14120M	14	27	34	120	47	M10	3.20
SK50A	BGPSK50AST14130M	14	27	34	130	47	M10	3.27
SK50A	BGPSK50AST14160M	14	27	34	160	47	M10	3.54
SK50A	BGPSK50AST14200M	14	27	34	200	47	M10	3.82
SK50A	BGPSK50AST16080M	16	27	34	80	50	M12	2.92
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	3.54
SK50A	BGPSK50AST16200M	16	27	34	200	50	M12	3.82
SK50A	BGPSK50AST18080M	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	4.31
SK50A	BGPSK50AST20080M	20	33	42	80	52	M12	3.02
SK50A	BGPSK50AST20120M	20	33	42	120	52	M12	3.44
SK50A	BGPSK50AST20130M	20	33	42	130	51	M12	3.55
SK50A	BGPSK50AST20160M	20	33	42	160	52	M12	3.97
SK50A	BGPSK50AST20200M	20	33	42	200	52	M12	4.29
SK50A	BGPSK50AST25100M	25	44	53	100	58	M16	3.45
SK50A	BGPSK50AST25120M	25	44	53	120	58	M16	3.83
SK50A	BGPSK50AST25130M	25	44	53	130	58	M16	4.00
SK50A	BGPSK50AST25160M	25	44	53	160	58	M16	4.57
SK50A	BGPSK50AST25200M	25	44	53	200	58	M16	5.25
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	4.54
SK50A	BGPSK50AST32200M	32	44	53	200	58	M16	5.22

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

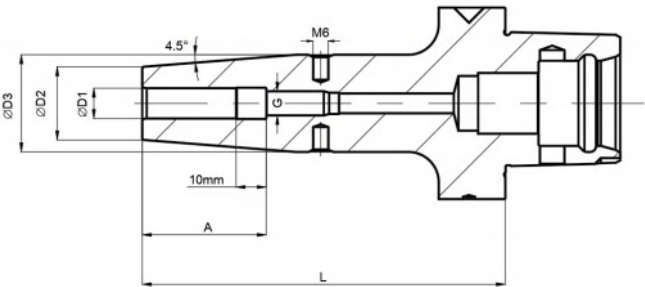
通用型/GP PSC63A

ISO 26623

通用型/GP PSC63A

ISO 26623





- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	重量 m (kg)
PSC63A	BGPPSC63AST03080M	3	10	-	80	10	-	0.82
PSC63A	BGPPSC63AST03120M	3	10	-	120	10	-	0.93
PSC63A	BGPPSC63AST03130M	3	10	-	130	10	-	0.97
PSC63A	BGPPSC63AST04080M	4	10	-	80	13	-	0.82
PSC63A	BGPPSC63AST04120M	4	10	-	120	13	-	0.93
PSC63A	BGPPSC63AST04130M	4	10	-	130	13	-	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	10	24	32	80	42	M8	1.10
PSC63A	BGPPSC63AST10100M	10	24	32	100	42	M8	1.18

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技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
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	12	24	32	80	47	M8	1.09
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	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	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	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

- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request

通用型端面出水热装刀柄

GENERAL PURPOSE & COOL JET

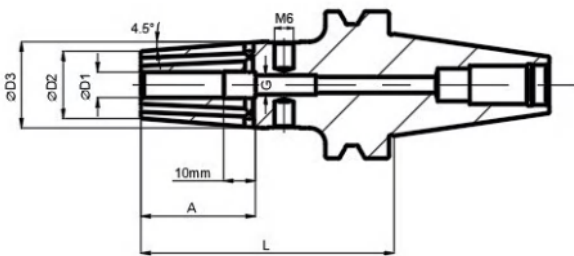
- 热装刀柄自带螺纹平衡孔，可直接装配平衡螺钉进行动平衡调整；
- HSK系列热装刀柄自带芯片孔，可直接装载芯片，无需额外费用；
- 通用型基础上添加冷却孔，冷却液直达切削刃；
- 有效去除积屑，提升切削效率，延长刀具寿命；
- 优良的跳动精度；
- 适合高速切削；
- 可提供环喷冷却；
- $\phi 3$ 、 $\phi 4$ 冷却方式为细缝冷却。

- The shrink-fit chuck has a thread balance hole, which can be directly assembled with a balance screw for dynamic balance adjustment;
- The HSK series shrink-fit chuck has a chip hole, which can be directly assembled with chips without additional costs;
- Add cooling holes on the basis of general purpose type, the coolant can reach to the cutting edge directly;
- Effectively remove chip, improve cutting efficiency, prolong tool life;
- Excellent runout accuracy;
- Suitable for high-speed cutting;
- Ring jet cooling available;
- $\phi 3/\phi 4$, 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 $<0.003\text{mm}$
- 转速为25,000 rpm时，平衡质量等级达到G2.5或 $U_{\text{max}} < 1\text{ g}\cdot\text{mm}$
- 带轴向长度调节

- Runout $< 0.003\text{mm}$
- 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

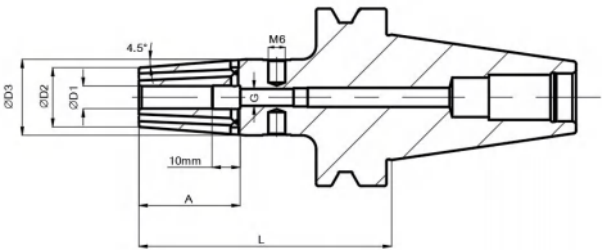
接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
BT30A	BGCBT30AST03060M	3	10	-	60	10	-	0.40
BT30A	BGCBT30AST04060M	4	10	-	60	13	-	0.40
BT30A	BGCBT30AST06080M	6	21	27	80	36	M5	0.57
BT30A	BGCBT30AST08080M	8	21	27	80	36	M6	0.55
BT30A	BGCBT30AST10080M	10	24	32	80	42	M8	0.61
BT30A	BGCBT30AST12080M	12	24	32	80	47	M8	0.59
BT30A	BGCBT30AST14080M	14	27	34	80	47	M10	0.64
BT30A	BGCBT30AST16080M	16	27	34	80	50	M12	0.62
BT30A	BGCBT30AST18090M	18	33	40.5	90	50	M12	0.84
BT30A	BGCBT30AST20090M	20	33	42	90	52	M12	0.82

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

- Tolerance class of tool shank: h6
- 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25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	重量 m (kg)
BT40A	BGCBT40AST03090M	3	10	-	90	10	-	1.06
BT40A	BGCBT40AST04090M	4	10	-	90	13	-	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

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通用型端面出水/GC BT40A

JIS B6339

技术参数 | Technical parameters

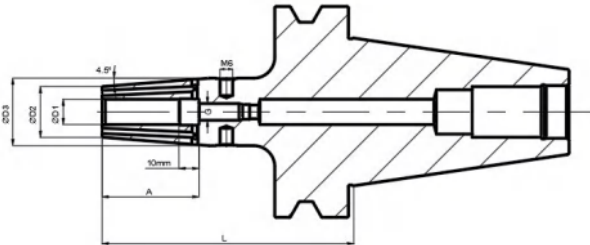
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
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
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

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
- 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25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	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

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通用型端面出水/GC 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	G	重量 m (kg)
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
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	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	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	25	45	53	100	58	M16	4.27
BT50A	BGCBT50AST25120M	25	45	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	32	45	53	100	58	M16	4.11
BT50A	BGCBT50AST32120M	32	45	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

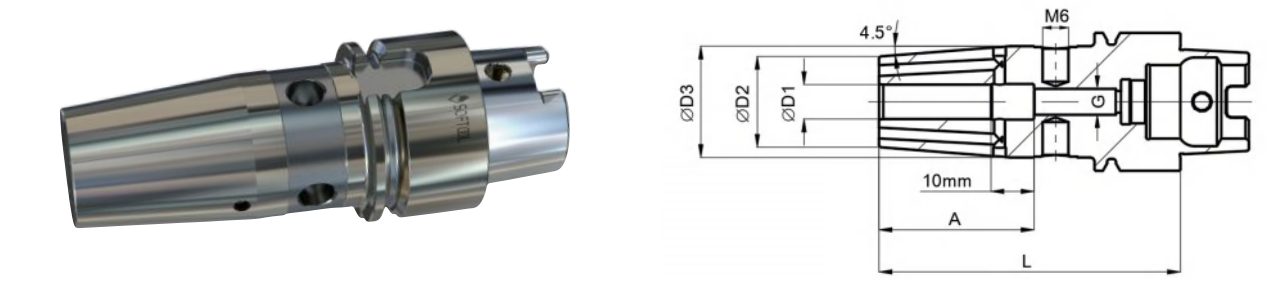
- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request

通用型端面出水/GC HSK32A

DIN 69893

通用型端面出水/GC HSK32E

DIN 69893



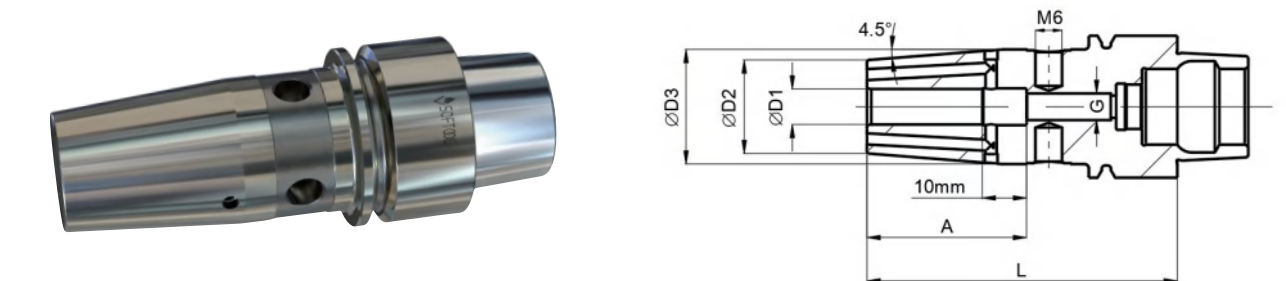
- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
 - 带轴向长度调节
- Runout < 0.003mm
 - Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
 - With adjustable axial length

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK32A	BGCHSK32AST03060M	3	10	-	60	10	-	0.15	M10*1
HSK32A	BGCHSK32AST04060M	4	10	-	60	13	-	0.15	M10*1
HSK32A	BGCHSK32AST06070M	6	21	27	70	36	M5	0.29	M10*1
HSK32A	BGCHSK32AST08070M	8	21	27	70	36	M6	0.28	M10*1
HSK32A	BGCHSK32AST10080M	10	24	32	80	42	M8	0.29	M10*1

- 刀具柄部公差等级h6
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113



- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	重量 m (kg)	水嘴 Nozzle
HSK32E	BGCHSK32EST03060M	3	10	-	60	10	-	0.15	M10*1
HSK32E	BGCHSK32EST04060M	4	10	-	60	13	-	0.15	M10*1
HSK32E	BGCHSK32EST06070M	6	21	27	70	36	M5	0.29	M10*1
HSK32E	BGCHSK32EST08070M	8	21	27	70	36	M6	0.29	M10*1
HSK32E	BGCHSK32EST10080M	10	24	32	80	42	M8	0.35	M10*1

- 刀具柄部公差等级h6
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

通用型端面出水/GC HSK40A

DIN 69893

通用型端面出水/GC HSK40E

DIN 69893



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

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK40A	BGCHSK40AST03060M	3	10	-	60	10	-	0.26	M12*1
HSK40A	BGCHSK40AST04060M	4	10	-	60	13	-	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	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	14	27	34	90	47	M10	0.54	M12*1
HSK40A	BGCHSK40AST16090M	16	27	34	90	50	M12	0.52	M12*1

- 刀具柄部公差等级h6
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK40E	BGCHSK40EST03060M	3	10	-	60	10	-	0.22	M12*1
HSK40E	BGCHSK40EST04060M	4	10	-	60	13	-	0.22	M12*1
HSK40E	BGCHSK40EST06060M	6	22.5	21	60	36	M5	0.32	M12*1
HSK40E	BGCHSK40EST06080M	6	21	27	80	36	M5	0.41	M12*1
HSK40E	BGCHSK40EST08060M	8	22.5	21	60	36	M6	0.32	M12*1
HSK40E	BGCHSK40EST08080M	8	21	27	80	36	M6	0.41	M12*1
HSK40E	BGCHSK40EST10060M	10	26.5	24	60	42	M8	0.34	M12*1
HSK40E	BGCHSK40EST10080M	10	32	32	80	42	M8	0.45	M12*1
HSK40E	BGCHSK40EST12060M	12	26.5	24	60	47	M8	0.33	M12*1
HSK40E	BGCHSK40EST12080M	12	32	32	80	47	M8	0.44	M12*1
HSK40E	BGCHSK40EST14060M	14	30	27	60	47	M10	0.36	M12*1
HSK40E	BGCHSK40EST14080M	14	33	34	80	47	M10	0.47	M12*1
HSK40E	BGCHSK40EST16060M	16	30	27	60	50	M12	0.34	M12*1
HSK40E	BGCHSK40EST16080M	16	33	34	80	50	M12	0.45	M12*1

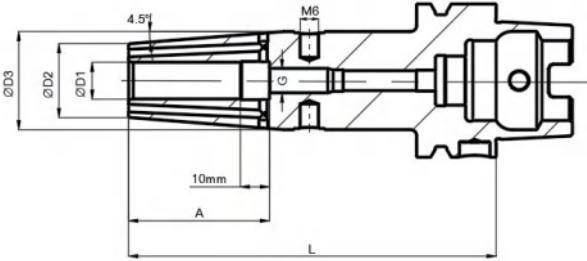
- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
 - 如需单独订购水嘴，请参照113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

通用型端面出水/GC HSK50A

DIN 69893

通用型端面出水/GC HSK50A

DIN 69893



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

- 刀具柄部公差等级h6
- 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113页

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately. Please refer to P113

技术参数 | Technical parameters 单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK50A	BGCHSK50AST03060M	3	10	-	60	10	-	0.41	M16*1
HSK50A	BGCHSK50AST04060M	4	10	-	60	13	-	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	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 HSK50E

DIN 69893

通用型端面出水/GC HSK63A

DIN 69893



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

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK50E	BGCHSK50EST03060M	3	10	-	60	10	-	0.43	M16*1
HSK50E	BGCHSK50EST04060M	4	10	-	60	13	-	0.43	M16*1
HSK50E	BGCHSK50EST06080M	6	21	27	80	36	M5	0.60	M16*1
HSK50E	BGCHSK50EST06130M	6	22.5	28.7	130	36	M5	0.82	M16*1
HSK50E	BGCHSK50EST08080M	8	21	27	80	36	M6	0.58	M16*1
HSK50E	BGCHSK50EST08130M	8	22.5	28.7	130	36	M6	0.80	M16*1
HSK50E	BGCHSK50EST10085M	10	24	32	85	42	M8	0.67	M16*1
HSK50E	BGCHSK50EST10130M	10	26.5	32	130	42	M8	0.94	M16*1
HSK50E	BGCHSK50EST12090M	12	24	32	90	47	M8	0.68	M16*1
HSK50E	BGCHSK50EST12130M	12	26.5	32	130	47	M8	0.92	M16*1
HSK50E	BGCHSK50EST14090M	14	27	34	90	47	M10	0.76	M16*1
HSK50E	BGCHSK50EST14130M	14	30	33	130	47	M10	1.00	M16*1
HSK50E	BGCHSK50EST16095M	16	27	34	95	50	M12	0.73	M16*1
HSK50E	BGCHSK50EST16130M	16	30	33	130	50	M12	0.97	M16*1

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK63A	BGCHSK63AST03080M	3	10	-	80	10	-	0.69	M18*1
HSK63A	BGCHSK63AST04080M	4	10	-	80	13	-	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	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

- 刀具柄部公差等级h6
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

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通用型端面出水/GC HSK63A

DIN 69893

通用型端面出水/GC HSK80A

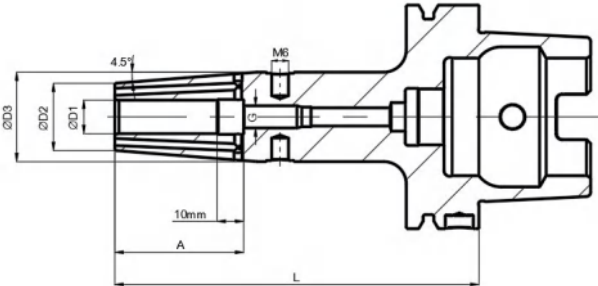
DIN 69893

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
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
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	50	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

- 刀具柄部公差等级h6
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113



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

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通用型端面出水/GC HSK80A

DIN 69893

通用型端面出水/GC HSK100A

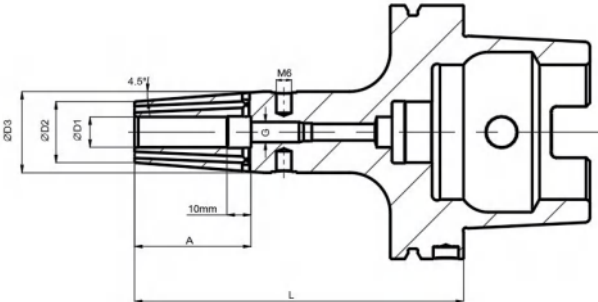
DIN 69893

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
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
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	50	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	52	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	58	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
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113



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

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通用型端面出水/GC HSK100A

DIN 69893

通用型端面出水/GC SK30A

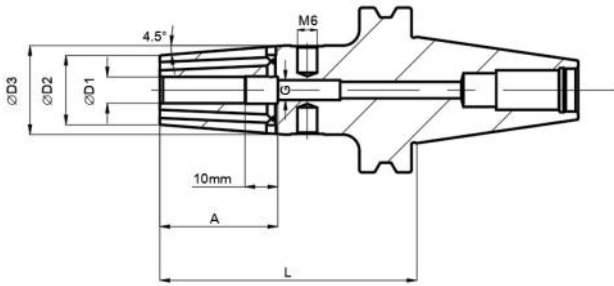
DIN 69871

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
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
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
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113



- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	重量 m (kg)
SK30A	BGCSK30AST03060M	3	10	-	60	10	-	0.39
SK30A	BGCSK30AST04060M	4	10	-	60	13	-	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	0.6
SK30A	BGCSK30AST16080M	16	27	34	80	50	M12	0.61

- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request

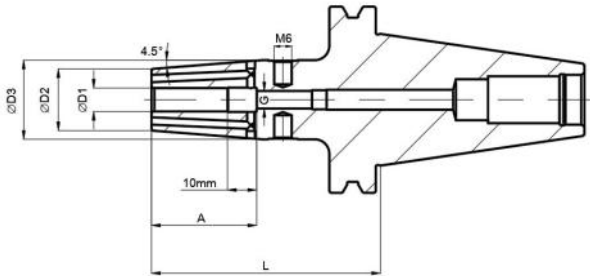
通用型端面出水/GC SK40A

DIN 69871

通用型端面出水/GC SK40A

DIN 69871





- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	重量 m (kg)
SK40A	BGCSK40AST03080M	3	10	-	80	10	-	0.87
SK40A	BGCSK40AST04080M	4	10	-	80	13	-	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

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技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
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
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	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	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

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

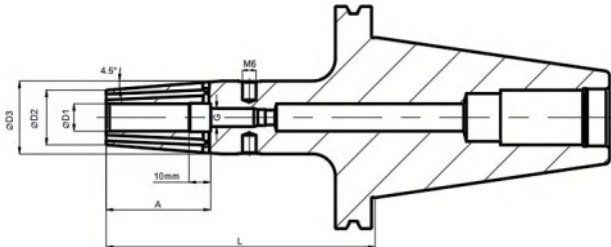
通用型端面出水/GC SK50A

DIN 69871

通用型端面出水/GC SK50A

DIN 69871





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

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技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
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
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	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	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

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

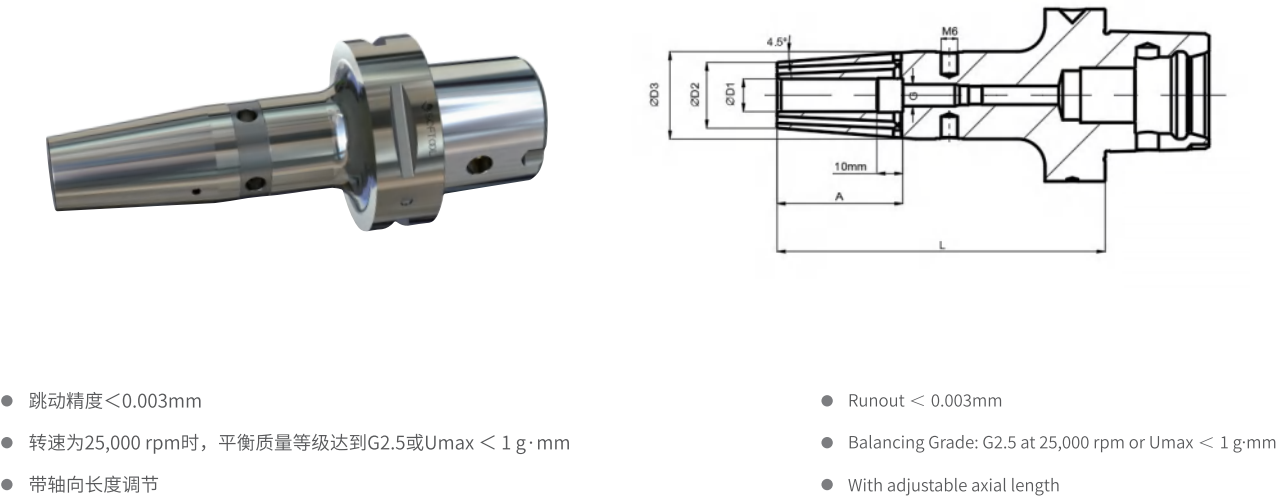
- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

通用型端面出水/GC PSC63A

ISO 26623

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	G	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	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	12	24	32	80	47	M8	1.09

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技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
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
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	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	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	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

- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request

通用型安全锁热装刀柄

GENERAL PURPOSE & SAFE LOCK

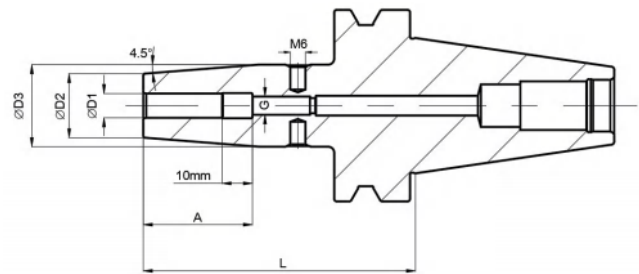
- 热装刀柄自带螺纹平衡孔，可直接装配平衡螺钉进行动平衡调整；
- HSK系列热装刀柄自带芯片孔，可直接装载芯片，无需额外费用；
- 通用型基础上增加安全锁结构，适用于难加工材料切削；
- 使用更安全，刀具不会拔出、打滑；
- 可承受高扭矩；
- 金属去除率更高。

- The shrink-fit chuck has a thread balance hole, which can be directly assembled with a balance screw for dynamic balance adjustment;
- The HSK series shrink-fit chuck has a chip hole, which can be directly assembled with chips without additional costs;
- Add safe lock structure on the basis of general purpose type, suitable for cutting difficult-to-machine materials;
- More safer to use, avoid the tool to be pulled out or slipped;
- Can withstand high torque;
- Higher metal removal rate.



通用型安全锁/SC BT40A

JIS B6339



- 跳动精度 < 0.003mm
- 转速为 25,000 rpm 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	G	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

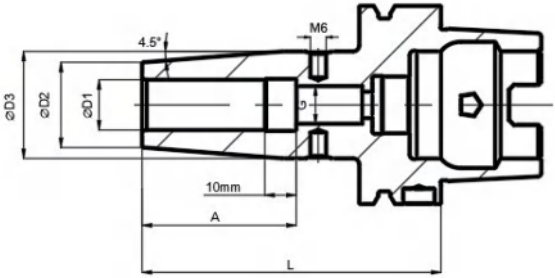
- 刀具柄部公差等级 h6
- 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

通用型安全锁/SC HSK63A

DIN 69893

通用型安全锁/SC SK40A

DIN 69871



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

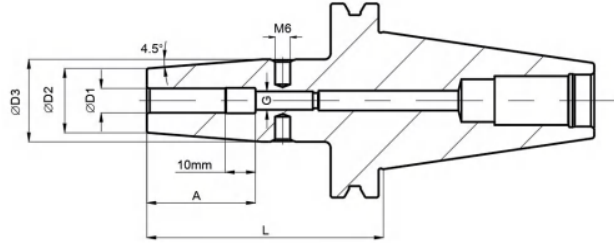
技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	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	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

- 刀具柄部公差等级h6
- 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113页

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately. Please refer to P113



- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	G	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	18	33	42	80	48	M12	1.22
SK40A	BSCSK40AST20080M	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

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

强力型热装刀柄

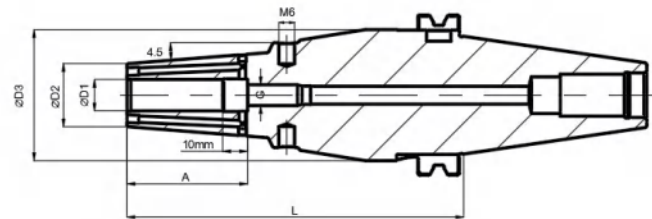
HIGH TORQUE & SAFE LOCK

- 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；
 - HSK系列热装刀柄自带芯片孔，可直接装载芯片，无需额外费用；
 - 更高的稳定性和良好的抗震性能；
 - 精度高 ,跳动精度<0.003mm；
 - 金属去除率更高，延长刀具使用寿命。
- The shrink-fit chuck has a thread balance hole, which can be directly assembled with a balance screw for dynamic balance adjustment;
 - The HSK series shrink-fit chuck has a chip hole, which can be directly assembled with chips without additional costs;
 - Better stability and seismic performance;
 - High precision, Runout <0.003mm;
 - Higher metal removal rate prolong the tool service life.



强力型/HQ SK40A

DIN 69871



- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
 - 带轴向长度调节
 - 含调整动平衡的螺钉孔
 - 含冷却喷孔，可封闭
 - 可提供环喷冷却定制
- Runout < 0.003mm
 - Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
 - With adjustable axial length
 - Screw holes for dynamic balancing
 - With cooling jet, can be closed
 - Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
SK40A	BHQSK40AST06065M	6	22	-	65	36	M5	1.03
SK40A	BHQSK40AST06130M	6	21	50	130	36	M5	1.76
SK40A	BHQSK40AST06160M	6	21	50	160	36	M5	2.14
SK40A	BHQSK40AST08065M	8	22	-	65	36	M6	1.03
SK40A	BHQSK40AST08130M	8	21	50	130	36	M6	1.76
SK40A	BHQSK40AST08160M	8	21	50	160	36	M6	2.14
SK40A	BHQSK40AST10065M	10	26.5	-	65	42	M8	1.05
SK40A	BHQSK40AST10130M	10	24	50	130	42	M8	1.76
SK40A	BHQSK40AST10160M	10	24	50	160	42	M8	2.14
SK40A	BHQSK40AST12065M	12	26.5	-	65	47	M8	1.05
SK40A	BHQSK40AST12130M	12	24	50	130	47	M8	1.76
SK40A	BHQSK40AST12160M	12	24	50	160	47	M8	2.14
SK40A	BHQSK40AST14065M	14	29.5	-	65	47	M10	1.07
SK40A	BHQSK40AST14130M	14	27	50	130	47	M10	1.78
SK40A	BHQSK40AST14160M	14	27	50	160	47	M10	2.16
SK40A	BHQSK40AST16065M	16	29.5	-	65	50	M12	1.07
SK40A	BHQSK40AST16130M	16	27	50	130	50	M12	1.78
SK40A	BHQSK40AST16160M	16	27	50	160	50	M12	2.16

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强力型/HQ SK40A

DIN 69871

强力型/HQ SK50A

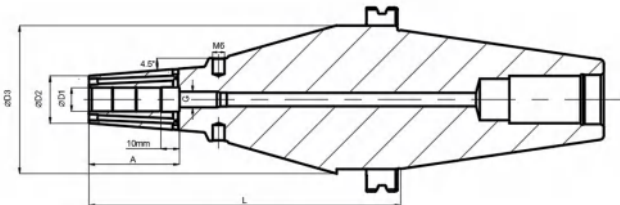
DIN 69871

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code		D2	D3	L	A	G	重量 m (kg)
SK40A	BHQSK40AST18065M	18	35.5	-	65	50	M12	1.10
SK40A	BHQSK40AST18130M	18	33	50	130	50	M12	1.89
SK40A	BHQSK40AST18160M	18	33	50	160	50	M12	2.27
SK40A	BHQSK40AST20065M	20	35.5	-	65	52	M12	1.10
SK40A	BHQSK40AST20130M	20	33	50	130	52	M12	1.89
SK40A	BHQSK40AST20160M	20	33	50	160	52	M12	2.27
SK40A	BHQSK40AST25075M	25	45.5	-	75	58	M16	1.14
SK40A	BHQSK40AST25130M	25	44	53	130	58	M16	2.00
SK40A	BHQSK40AST25160M	25	44	53	160	58	M16	2.38
SK40A	BHQSK40AST32080M	32	45.5	-	80	58	M16	1.15
SK40A	BHQSK40AST32130M	32	44	53	130	58	M16	2.00
SK40A	BHQSK40AST32160M	32	44	53	160	58	M16	2.38

- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request



- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
- 带轴向长度调节
- 含调整动平衡的螺钉孔
- 含冷却喷孔，可封闭
- 可提供环喷冷却定制

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length
- Screw holes for dynamic balancing
- With cooling jet, can be closed
- Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
SK50A	BHQSK50AST06080M	6	21	70	80	36	M5	2.83
SK50A	BHQSK50AST06160M	6	21	78	160	36	M5	4.87
SK50A	BHQSK50AST06200M	6	21	78	200	36	M5	5.77
SK50A	BHQSK50AST08080M	8	21	70	80	36	M6	2.82
SK50A	BHQSK50AST08160M	8	21	78	160	36	M6	4.85
SK50A	BHQSK50AST08200M	8	21	78	200	36	M6	5.75
SK50A	BHQSK50AST10080M	10	27	55	80	42	M8	2.87
SK50A	BHQSK50AST10160M	10	27	78	160	42	M8	4.79
SK50A	BHQSK50AST10200M	10	27	78	200	42	M8	5.72
SK50A	BHQSK50AST12080M	12	27	55	80	47	M8	2.86
SK50A	BHQSK50AST12160M	12	27	78	160	47	M8	4.77
SK50A	BHQSK50AST12200M	12	27	78	200	47	M8	5.70
SK50A	BHQSK50AST14080M	14	33.3	-	80	47	M10	2.91
SK50A	BHQSK50AST14160M	14	33	78	160	47	M10	4.95
SK50A	BHQSK50AST14200M	14	33	78	200	47	M10	5.96
SK50A	BHQSK50AST16080M	16	33.3	-	80	50	M12	2.88
SK50A	BHQSK50AST16160M	16	33	78	160	50	M12	4.93
SK50A	BHQSK50AST16200M	16	33	78	200	50	M12	5.94

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强力型/HQ SK50A

DIN 69871

强力型/HQ BT40A

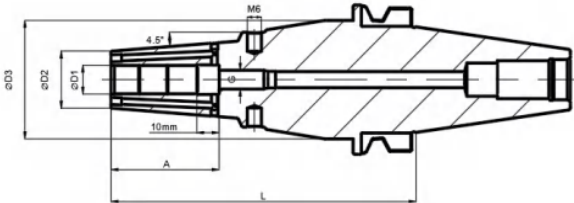
JIS B6339

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
SK50A	BHQSK50AST18080M	18	44.7	-	80	50	M12	3.02
SK50A	BHQSK50AST18160M	18	44	78	160	50	M12	5.34
SK50A	BHQSK50AST18200M	18	44	78	200	50	M12	6.52
SK50A	BHQSK50AST20080M	20	44.7	-	80	52	M12	2.99
SK50A	BHQSK50AST20160M	20	44	78	160	52	M12	5.32
SK50A	BHQSK50AST20200M	20	44	78	200	52	M12	6.50
SK50A	BHQSK50AST25100M	25	44	78	100	58	M16	3.24
SK50A	BHQSK50AST25160M	25	44	78	160	58	M16	5.58
SK50A	BHQSK50AST25200M	25	44	78	200	58	M16	6.76

- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request



- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
 - 带轴向长度调节
 - 含调整动平衡的螺钉孔
 - 含冷却喷孔，可封闭
 - 可提供环喷冷却定制
- Runout < 0.003mm
 - Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
 - With adjustable axial length
 - Screw holes for dynamic balancing
 - With cooling jet, can be closed
 - Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
BT40A	BHQB40AST06070M	6	22	-	70	36	M5	1.12
BT40A	BHQB40AST06130M	6	21	50	130	36	M5	1.81
BT40A	BHQB40AST06160M	6	21	50	160	36	M5	2.19
BT40A	BHQB40AST08070M	8	22	-	70	36	M6	1.12
BT40A	BHQB40AST08130M	8	21	50	130	36	M6	1.79
BT40A	BHQB40AST08160M	8	21	50	160	36	M6	2.17
BT40A	BHQB40AST10070M	10	26.5	-	70	42	M8	1.14
BT40A	BHQB40AST10130M	10	24	50	130	42	M8	1.81
BT40A	BHQB40AST10160M	10	24	50	160	42	M8	2.19
BT40A	BHQB40AST12070M	12	26.5	-	70	47	M8	1.13
BT40A	BHQB40AST12130M	12	24	50	130	47	M8	1.79
BT40A	BHQB40AST12160M	12	24	50	160	47	M8	2.17
BT40A	BHQB40AST14075M	14	29.5	-	75	47	M10	1.19
BT40A	BHQB40AST14130M	14	27	50	130	47	M10	1.83
BT40A	BHQB40AST14160M	14	27	50	160	47	M10	2.23
BT40A	BHQB40AST16075M	16	29.5	-	75	50	M12	1.16
BT40A	BHQB40AST16130M	16	27	50	130	50	M12	1.81
BT40A	BHQB40AST16160M	16	27	50	160	50	M12	2.21

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强力型/HQ BT40A

JIS B6339

强力型/HQ BT50A

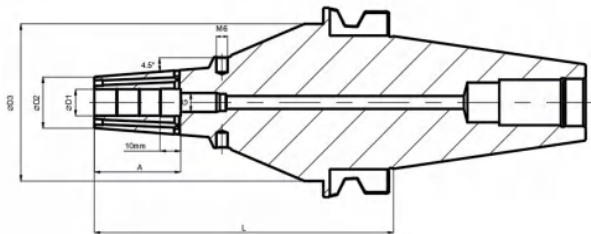
JIS B6339

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
BT40A	BHQBT40AST18075M	18	35.5	-	75	50	M12	1.26
BT40A	BHQBT40AST18130M	18	33	50	130	50	M12	1.94
BT40A	BHQBT40AST18160M	18	33	50	160	50	M12	2.34
BT40A	BHQBT40AST20075M	20	35.5	-	75	52	M12	1.23
BT40A	BHQBT40AST20130M	20	33	50	130	52	M12	1.92
BT40A	BHQBT40AST20160M	20	33	50	160	52	M12	2.32
BT40A	BHQBT40AST25085M	25	45.5	-	85	58	M16	1.56
BT40A	BHQBT40AST32085M	32	45.5	-	85	58	M16	1.40

- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request



- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
 - 带轴向长度调节
 - 含调整动平衡的螺钉孔
 - 含冷却喷孔，可封闭
 - 可提供环喷冷却定制
- Runout < 0.003mm
 - Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
 - With adjustable axial length
 - Screw holes for dynamic balancing
 - With cooling jet, can be closed
 - Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
BT50A	BHQBT50AST06100M	6	21	70	100	36	M5	3.84
BT50A	BHQBT50AST06160M	6	21	83	160	36	M5	5.58
BT50A	BHQBT50AST06200M	6	21	83	200	36	M5	6.56
BT50A	BHQBT50AST08100M	8	21	70	100	36	M6	3.83
BT50A	BHQBT50AST08160M	8	21	83	160	36	M6	5.57
BT50A	BHQBT50AST08200M	8	21	83	200	36	M6	6.55
BT50A	BHQBT50AST10100M	10	27	55	100	42	M8	3.89
BT50A	BHQBT50AST10160M	10	27	83	160	42	M8	5.46
BT50A	BHQBT50AST10200M	10	27	83	200	42	M8	6.47
BT50A	BHQBT50AST12100M	12	27	55	100	47	M8	3.87
BT50A	BHQBT50AST12160M	12	27	83	160	47	M8	5.45
BT50A	BHQBT50AST12200M	12	27	83	200	47	M8	6.46
BT50A	BHQBT50AST14100M	14	33.3	-	100	47	M10	3.92
BT50A	BHQBT50AST14160M	14	33	83	160	47	M10	5.58
BT50A	BHQBT50AST14200M	14	33	83	200	47	M10	6.68
BT50A	BHQBT50AST16100M	16	33.3	-	100	50	M12	3.90
BT50A	BHQBT50AST16160M	16	33	83	160	50	M12	5.55
BT50A	BHQBT50AST16200M	16	33	83	200	50	M12	6.65

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强力型/HQ BT50A

DIN 69871

强力型/HQ HSK63A

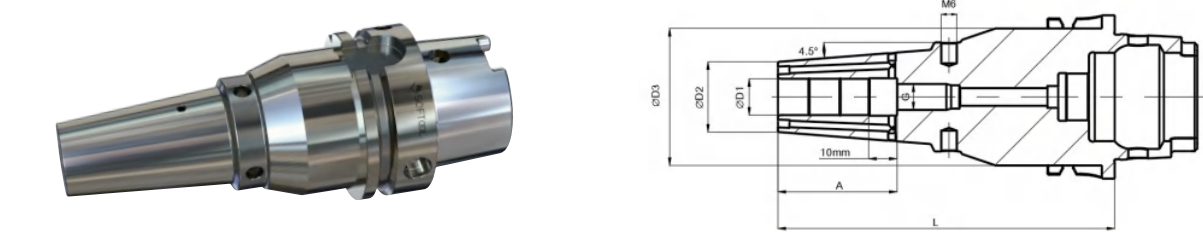
DIN 69893

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
BT50A	BHQBT50AST18100M	18	44.7	-	100	50	M12	4.04
BT50A	BHQBT50AST18160M	18	44	83	160	50	M12	5.89
BT50A	BHQBT50AST18200M	18	44	83	200	50	M12	7.16
BT50A	BHQBT50AST20100M	20	44.7	-	100	52	M12	4.01
BT50A	BHQBT50AST20160M	20	44	83	160	52	M12	5.87
BT50A	BHQBT50AST20200M	20	44	83	200	52	M12	7.14
BT50A	BHQBT50AST25100M	25	44.7	83	100	58	M16	4.26
BT50A	BHQBT50AST25160M	25	44	83	160	58	M16	6.13
BT50A	BHQBT50AST25200M	25	44	83	200	58	M16	7.40

- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request



- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
 - 带轴向长度调节
 - 含调整动平衡的螺钉孔
 - 含冷却喷孔，可封闭
 - 可提供环喷冷却定制
- Runout < 0.003mm
 - Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
 - With adjustable axial length
 - Screw holes for dynamic balancing
 - With cooling jet, can be closed
 - Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK63A	BHQHSK63AST06070M	6	22	-	70	36	M5	0.78	M18*1
HSK63A	BHQHSK63AST06120M	6	21	53	120	36	M5	1.39	M18*1
HSK63A	BHQHSK63AST06130M	6	21	53	130	36	M5	1.56	M18*1
HSK63A	BHQHSK63AST06160M	6	21	53	160	36	M5	1.96	M18*1
HSK63A	BHQHSK63AST08070M	8	22	-	70	36	M6	0.78	M18*1
HSK63A	BHQHSK63AST08120M	8	21	53	120	36	M6	1.38	M18*1
HSK63A	BHQHSK63AST08130M	8	21	53	130	36	M6	1.55	M18*1
HSK63A	BHQHSK63AST08160M	8	21	53	160	36	M6	1.95	M18*1
HSK63A	BHQHSK63AST10070M	10	26.5	-	70	42	M8	0.81	M18*1
HSK63A	BHQHSK63AST10120M	10	24	53	120	42	M8	1.38	M18*1
HSK63A	BHQHSK63AST10130M	10	24	53	130	42	M8	1.55	M18*1
HSK63A	BHQHSK63AST10160M	10	24	53	160	42	M8	1.96	M18*1
HSK63A	BHQHSK63AST12070M	12	26.5	-	70	47	M8	0.80	M18*1
HSK63A	BHQHSK63AST12120M	12	24	53	120	47	M8	1.36	M18*1
HSK63A	BHQHSK63AST12130M	12	24	53	130	47	M8	1.53	M18*1
HSK63A	BHQHSK63AST12160M	12	24	53	160	47	M8	1.94	M18*1
HSK63A	BHQHSK63AST14075M	14	29.5	-	75	47	M10	0.86	M18*1
HSK63A	BHQHSK63AST14120M	14	27	53	120	47	M10	1.39	M18*1

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强力型/HQ HSK63A

DIN 69893

强力型/HQ HSK80A

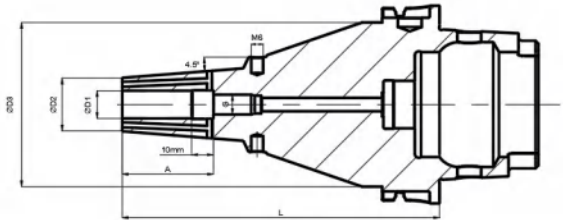
DIN 69893

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK63A	BHQHSK63AST14130M	14	27	53	130	47	M10	1.56	M18*1
HSK63A	BHQHSK63AST14160M	14	27	53	160	47	M10	1.99	M18*1
HSK63A	BHQHSK63AST16075M	16	29.5	-	75	50	M12	0.84	M18*1
HSK63A	BHQHSK63AST16120M	16	27	53	120	50	M12	1.36	M18*1
HSK63A	BHQHSK63AST16130M	16	27	53	130	50	M12	1.53	M18*1
HSK63A	BHQHSK63AST16160M	16	27	53	160	50	M12	1.96	M18*1
HSK63A	BHQHSK63AST18075M	18	35.5	-	75	50	M12	0.94	M18*1
HSK63A	BHQHSK63AST18120M	18	33	53	120	50	M12	1.51	M18*1
HSK63A	BHQHSK63AST18130M	18	33	53	130	50	M12	1.68	M18*1
HSK63A	BHQHSK63AST18160M	18	33	53	160	50	M12	2.11	M18*1
HSK63A	BHQHSK63AST20075M	20	35.5	-	75	52	M12	0.92	M18*1
HSK63A	BHQHSK63AST20120M	20	33	53	120	52	M12	1.48	M18*1
HSK63A	BHQHSK63AST20130M	20	33	53	130	52	M12	1.65	M18*1
HSK63A	BHQHSK63AST20160M	20	33	53	160	52	M12	2.08	M18*1
HSK63A	BHQHSK63AST25085M	25	45	51	85	58	M16	1.27	M18*1
HSK63A	BHQHSK63AST25120M	25	44	53	120	58	M16	1.81	M18*1
HSK63A	BHQHSK63AST25130M	25	44	53	130	58	M16	1.98	M18*1
HSK63A	BHQHSK63AST25160M	25	44	53	160	58	M16	2.49	M18*1
HSK63A	BHQHSK63AST32085M	32	45	51	85	58	M16	1.10	M18*1
HSK63A	BHQHSK63AST32120M	32	44	53	120	58	M16	1.65	M18*1
HSK63A	BHQHSK63AST32130M	32	44	53	130	58	M16	1.82	M18*1
HSK63A	BHQHSK63AST32160M	32	44	53	160	58	M16	2.33	M18*1

- 刀具柄部公差等级h6
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113



- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
 - 带轴向长度调节
 - 含调整动平衡的螺钉孔
 - 含冷却喷孔，可封闭
 - 可提供环喷冷却定制
- Runout < 0.003mm
 - Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
 - With adjustable axial length
 - Screw holes for dynamic balancing
 - With cooling jet, can be closed
 - Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK80A	BHQHSK80AST08100M	8	21	66	100	36	M6	1.38	M20*1.5
HSK80A	BHQHSK80AST08130M	8	21	65	130	36	M6	2.11	M20*1.5
HSK80A	BHQHSK80AST08160M	8	21	65	160	36	M6	2.69	M20*1.5
HSK80A	BHQHSK80AST10100M	10	24	66	100	42	M8	1.38	M20*1.5
HSK80A	BHQHSK80AST10130M	10	24	65	130	42	M8	2.11	M20*1.5
HSK80A	BHQHSK80AST10160M	10	24	65	160	42	M8	2.70	M20*1.5
HSK80A	BHQHSK80AST12100M	12	24	66	100	47	M8	1.36	M20*1.5
HSK80A	BHQHSK80AST12130M	12	24	65	130	47	M8	2.11	M20*1.5
HSK80A	BHQHSK80AST12160M	12	24	65	160	47	M8	2.69	M20*1.5
HSK80A	BHQHSK80AST16100M	16	27	66	100	50	M12	1.36	M20*1.5
HSK80A	BHQHSK80AST16130M	16	27	65	130	50	M12	2.11	M20*1.5
HSK80A	BHQHSK80AST16160M	16	27	65	160	50	M12	2.66	M20*1.5
HSK80A	BHQHSK80AST20100M	20	33	66	100	52	M12	1.48	M20*1.5
HSK80A	BHQHSK80AST20130M	20	33	65	130	52	M12	2.27	M20*1.5
HSK80A	BHQHSK80AST20160M	20	33	65	160	52	M12	2.91	M20*1.5

- 刀具柄部公差等级h6
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

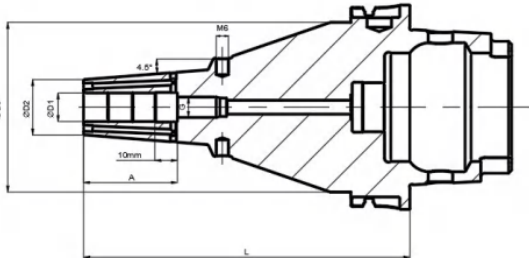
强力型/HQ HSK100A

DIN 69893

强力型/HQ HSK100A

DIN 69893





- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
- 带轴向长度调节
- 含调整动平衡的螺钉孔
- 含冷却喷孔，可封闭
- 可提供环喷冷却定制

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length
- Screw holes for dynamic balancing
- With cooling jet, can be closed
- Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK100A	BHQHSK100AST06085M	6	21	60	85	36	M5	2.18	M24*1.5
HSK100A	BHQHSK100AST06160M	6	21	83	160	36	M5	4.15	M24*1.5
HSK100A	BHQHSK100AST06200M	6	21	83	200	36	M5	5.13	M24*1.5
HSK100A	BHQHSK100AST08085M	8	21	60	85	36	M6	2.18	M24*1.5
HSK100A	BHQHSK100AST08160M	8	21	83	160	36	M6	4.14	M24*1.5
HSK100A	BHQHSK100AST08200M	8	21	83	200	36	M6	5.12	M24*1.5
HSK100A	BHQHSK100AST10090M	10	27	53	90	42	M8	2.23	M24*1.5
HSK100A	BHQHSK100AST10160M	10	27	83	160	42	M8	4.04	M24*1.5
HSK100A	BHQHSK100AST10200M	10	27	83	200	42	M8	5.05	M24*1.5
HSK100A	BHQHSK100AST12095M	12	27	73	95	47	M8	2.28	M24*1.5
HSK100A	BHQHSK100AST12160M	12	27	83	160	47	M8	4.02	M24*1.5
HSK100A	BHQHSK100AST12200M	12	27	83	200	47	M8	5.03	M24*1.5
HSK100A	BHQHSK100AST14095M	14	33	60	95	47	M10	2.33	M24*1.5
HSK100A	BHQHSK100AST14160M	14	33	83	160	47	M10	4.17	M24*1.5
HSK100A	BHQHSK100AST14200M	14	33	83	200	47	M10	5.27	M24*1.5
HSK100A	BHQHSK100AST16100M	16	33	78	100	50	M12	2.56	M24*1.5

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技术参数 | Technical parameters

单位 | Unit: mm

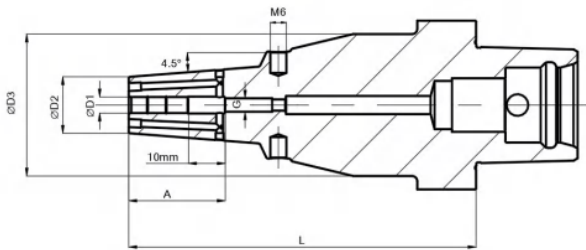
接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK100A	BHQHSK100AST16160M	16	33	83	160	50	M12	4.14	M24*1.5
HSK100A	BHQHSK100AST16200M	16	33	83	200	50	M12	5.24	M24*1.5
HSK100A	BHQHSK100AST18100M	18	44	76	100	50	M12	2.52	M24*1.5
HSK100A	BHQHSK100AST18160M	18	44	83	160	50	M12	4.52	M24*1.5
HSK100A	BHQHSK100AST18200M	18	44	83	200	50	M12	5.80	M24*1.5
HSK100A	BHQHSK100AST20105M	20	44	85	105	52	M12	2.55	M24*1.5
HSK100A	BHQHSK100AST20160M	20	44	83	160	52	M12	4.50	M24*1.5
HSK100A	BHQHSK100AST20200M	20	44	83	200	52	M12	5.78	M24*1.5
HSK100A	BHQHSK100AST25115M	25	44	85	115	58	M16	3.09	M24*1.5
HSK100A	BHQHSK100AST25160M	25	44	83	160	58	M16	4.76	M24*1.5
HSK100A	BHQHSK100AST25200M	25	44	83	200	58	M16	6.04	M24*1.5

- 刀具柄部公差等级h6
- 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113页

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately. Please refer to P113

强力型/HQ PSC63A

ISO 26623



- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
- 带轴向长度调节
- 含调整动平衡的螺钉孔
- 含冷却喷孔，可封闭
- 可提供环喷冷却定制

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length
- Screw holes for dynamic balancing
- With cooling jet, can be closed
- Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
PSC63A	BHQPSC63AST06065M	6	22	-	65	36	M5	0.89
PSC63A	BHQPSC63AST06130M	6	21	53	130	36	M5	1.74
PSC63A	BHQPSC63AST08065M	8	22	-	65	36	M6	0.89
PSC63A	BHQPSC63AST08130M	8	21	53	130	36	M6	1.74
PSC63A	BHQPSC63AST10065M	10	26.5	-	65	42	M8	0.89
PSC63A	BHQPSC63AST10130M	10	24	53	130	42	M8	1.74
PSC63A	BHQPSC63AST12065M	12	26.5	-	65	47	M8	0.89
PSC63A	BHQPSC63AST12130M	12	24	53	130	47	M8	1.74
PSC63A	BHQPSC63AST14070M	14	29.5	-	70	47	M10	0.97
PSC63A	BHQPSC63AST16070M	16	29.5	-	70	50	M12	0.97
PSC63A	BHQPSC63AST16130M	16	27	53	130	50	M12	1.74
PSC63A	BHQPSC63AST18070M	18	35.5	-	70	50	M12	0.97
PSC63A	BHQPSC63AST20070M	20	35.5	-	70	52	M12	0.97
PSC63A	BHQPSC63AST20130M	20	33	53	130	52	M12	1.74
PSC63A	BHQPSC63AST25080M	25	45	51	80	58	M16	1.37
PSC63A	BHQPSC63AST32080M	32	45	51	80	58	M16	1.37

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

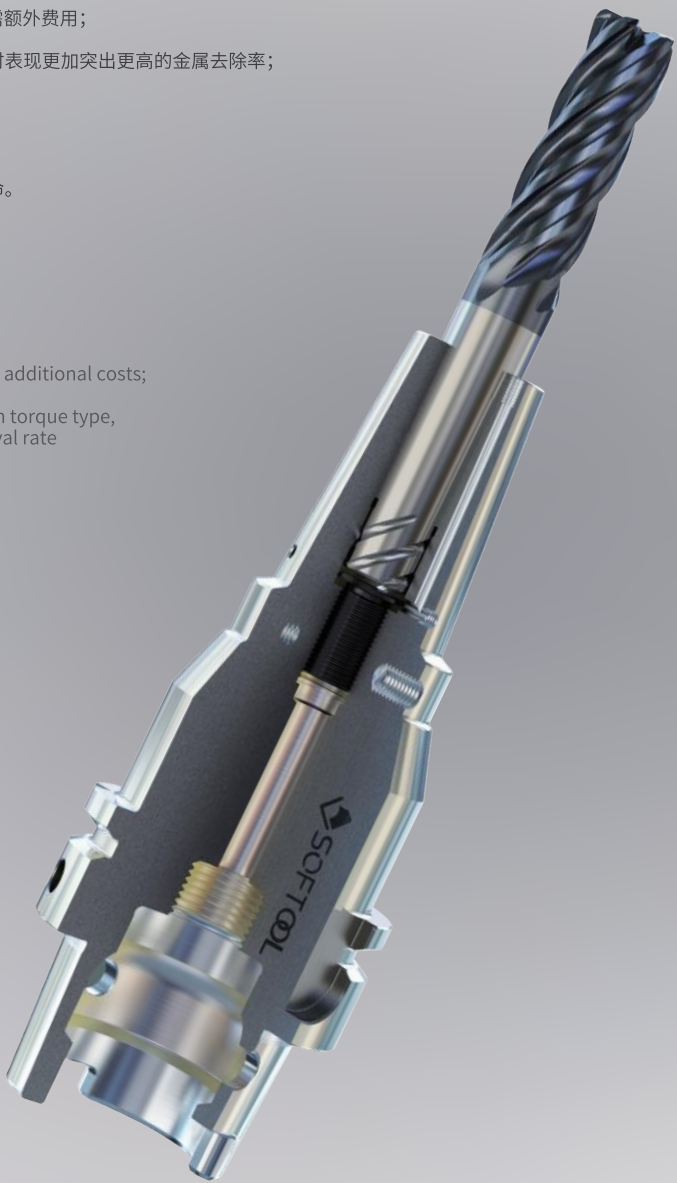
- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

强力型安全锁热装刀柄

HIGH TORQUE & SAFE LOCK

- 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；
- HSK系列热装刀柄自带芯片孔，可直接装载芯片，无需额外费用；
- 在强力型基础上增加安全锁结构，在面对难加工材料时表现更加突出更高的金属去除率；
- 可承受更大的扭矩；
- 精度高,跳动精度<0.003mm；
- 面对难加工材料时金属去除率更高，延长刀具使用寿命。

- The shrink-fit chuck has a thread balance hole, which can be directly assembled with a balance screw for dynamic balance adjustment;
- The HSK series shrink-fit chuck has a chip hole, which can be directly assembled with chips without additional costs;
- Add the safety lock structure on the basis of the high torque type, which is more prominent and higher in metal removal rate when processing difficult-to-machine materials;
- Can withstand higher torque;
- High precision, Runout <0.003mm;
- Prolong the tool service life.



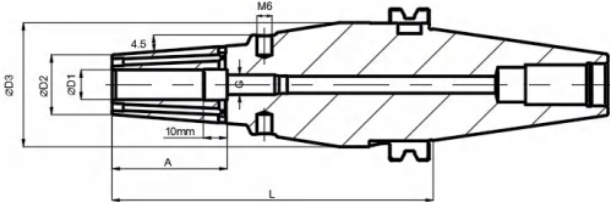
强力型安全锁/HS SK40A

DIN 69871

强力型安全锁/HS SK40A

DIN 69871





- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
- 带轴向长度调节
- 含调整动平衡的螺钉孔
- 含冷却喷孔，可封闭
- 可提供环喷冷却定制

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length
- Screw holes for dynamic balancing
- With cooling jet, can be closed
- Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
SK40A	BHSSK40AST06065M	6	22	-	65	40	M5	1.03
SK40A	BHSSK40AST06130M	6	21	50	130	40	M5	1.76
SK40A	BHSSK40AST06160M	6	21	50	160	40	M5	2.14
SK40A	BHSSK40AST08065M	8	22	-	65	40	M6	1.03
SK40A	BHSSK40AST08130M	8	21	50	130	40	M6	1.76
SK40A	BHSSK40AST08160M	8	21	50	160	40	M6	2.14
SK40A	BHSSK40AST10065M	10	26.5	-	65	45	M8	1.05
SK40A	BHSSK40AST10130M	10	24	50	130	45	M8	1.76
SK40A	BHSSK40AST10160M	10	24	50	160	45	M8	2.14
SK40A	BHSSK40AST12065M	12	26.5	-	65	44	M8	1.05
SK40A	BHSSK40AST12130M	12	24	50	130	44	M8	1.76
SK40A	BHSSK40AST12160M	12	24	50	160	44	M8	2.14
SK40A	BHSSK40AST14065M	14	29.5	-	65	44	M10	1.07
SK40A	BHSSK40AST14130M	14	27	50	130	44	M10	1.78
SK40A	BHSSK40AST14160M	14	27	50	160	44	M10	2.16
SK40A	BHSSK40AST16065M	16	29.5	-	65	46	M12	1.07

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技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
SK40A	BHSSK40AST16130M	16	27	50	130	46	M12	1.78
SK40A	BHSSK40AST16160M	16	27	50	160	46	M12	2.16
SK40A	BHSSK40AST18065M	18	35.5	-	65	48	M12	1.10
SK40A	BHSSK40AST18130M	18	33	50	130	48	M12	1.89
SK40A	BHSSK40AST18160M	18	33	50	160	48	M12	2.27
SK40A	BHSSK40AST20065M	20	35.5	-	65	48	M12	1.10
SK40A	BHSSK40AST20130M	20	33	50	130	48	M12	1.89
SK40A	BHSSK40AST20160M	20	33	50	160	48	M12	2.27
SK40A	BHSSK40AST25075M	25	45.5	-	75	56	M16	1.14
SK40A	BHSSK40AST25130M	25	44	53	130	56	M16	2.00
SK40A	BHSSK40AST25160M	25	44	53	160	56	M16	2.38
SK40A	BHSSK40AST32080M	32	45.5	-	80	58	M16	1.15
SK40A	BHSSK40AST32130M	32	44	53	130	58	M16	2.00
SK40A	BHSSK40AST32160M	32	44	53	160	58	M16	2.38

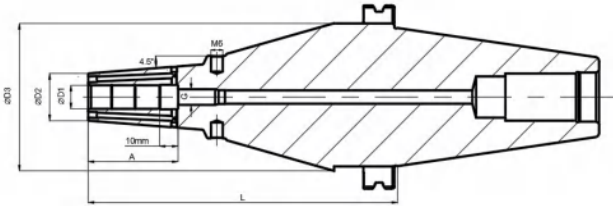
- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request

强力型安全锁/HS SK50A

DIN 69871

强力型安全锁/HS SK50A

DIN 69871



- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
- 带轴向长度调节
- 含调整动平衡的螺钉孔
- 含冷却喷孔，可封闭
- 可提供环喷冷却定制

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length
- Screw holes for dynamic balancing
- With cooling jet, can be closed
- Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
SK50A	BHSSK50AST06080M	6	21	70	80	40	M5	2.83
SK50A	BHSSK50AST06160M	6	21	78	160	40	M5	4.87
SK50A	BHSSK50AST06200M	6	21	78	200	40	M5	5.77
SK50A	BHSSK50AST08080M	8	21	70	80	40	M6	2.82
SK50A	BHSSK50AST08160M	8	21	78	160	40	M6	4.85
SK50A	BHSSK50AST08200M	8	21	78	200	40	M6	5.75
SK50A	BHSSK50AST10080M	10	27	55	80	45	M8	2.87
SK50A	BHSSK50AST10160M	10	27	78	160	45	M8	4.79
SK50A	BHSSK50AST10200M	10	27	78	200	45	M8	5.72
SK50A	BHSSK50AST12080M	12	27	55	80	44	M8	2.86
SK50A	BHSSK50AST12160M	12	27	78	160	44	M8	4.77
SK50A	BHSSK50AST12200M	12	27	78	200	44	M8	5.70
SK50A	BHSSK50AST14080M	14	33.3	-	80	44	M10	2.91
SK50A	BHSSK50AST14160M	14	33	78	160	44	M10	4.95
SK50A	BHSSK50AST14200M	14	33	78	200	44	M10	5.96
SK50A	BHSSK50AST16080M	16	33.3	-	80	46	M12	2.88

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
SK50A	BHSSK50AST16160M	16	33	78	160	46	M12	4.93
SK50A	BHSSK50AST16200M	16	33	78	200	46	M12	5.94
SK50A	BHSSK50AST18080M	18	44.7	-	80	48	M12	3.02
SK50A	BHSSK50AST18160M	18	44	78	160	48	M12	5.34
SK50A	BHSSK50AST18200M	18	44	78	200	48	M12	6.52
SK50A	BHSSK50AST20080M	20	44.7	-	80	48	M12	2.99
SK50A	BHSSK50AST20160M	20	44	78	160	48	M12	5.32
SK50A	BHSSK50AST20200M	20	44	78	200	48	M12	6.50
SK50A	BHSSK50AST25100M	25	44	78	100	56	M16	3.24
SK50A	BHSSK50AST25160M	25	44	78	160	56	M16	5.58
SK50A	BHSSK50AST25200M	25	44	78	200	56	M16	6.76

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

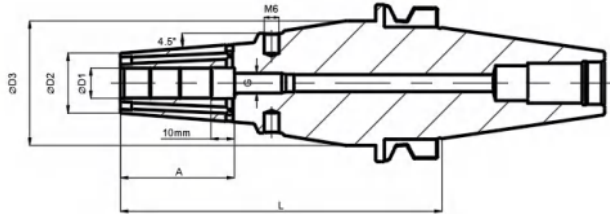
强力型安全锁/HS BT40A

JIS B6339

强力型安全锁/HS BT40A

JIS B6339





- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
- 带轴向长度调节
- 含调整动平衡的螺钉孔
- 含冷却喷孔，可封闭
- 可提供环喷冷却定制

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length
- Screw holes for dynamic balancing
- With cooling jet, can be closed
- Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
BT40A	BHSBT40AST06070M	6	22	-	70	40	M5	1.12
BT40A	BHSBT40AST06130M	6	21	50	130	40	M5	1.81
BT40A	BHSBT40AST06160M	6	21	50	160	40	M5	2.19
BT40A	BHSBT40AST08070M	8	22	-	70	40	M6	1.12
BT40A	BHSBT40AST08130M	8	21	50	130	40	M6	1.79
BT40A	BHSBT40AST08160M	8	21	50	160	40	M6	2.17
BT40A	BHSBT40AST10070M	10	26.5	-	70	45	M8	1.14
BT40A	BHSBT40AST10130M	10	24	50	130	45	M8	1.81
BT40A	BHSBT40AST10160M	10	24	50	160	45	M8	2.19
BT40A	BHSBT40AST12070M	12	26.5	-	70	44	M8	1.13
BT40A	BHSBT40AST12130M	12	24	50	130	44	M8	1.79
BT40A	BHSBT40AST12160M	12	24	50	160	44	M8	2.17
BT40A	BHSBT40AST14075M	14	29.5	-	75	44	M10	1.19
BT40A	BHSBT40AST14130M	14	27	50	130	44	M10	1.83
BT40A	BHSBT40AST14160M	14	27	50	160	44	M10	2.23
BT40A	BHSBT40AST16075M	16	29.5	-	75	46	M12	1.16

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
BT40A	BHSBT40AST16130M	16	27	50	130	46	M12	1.81
BT40A	BHSBT40AST16160M	16	27	50	160	46	M12	2.21
BT40A	BHSBT40AST18075M	18	35.5	-	75	48	M12	1.26
BT40A	BHSBT40AST18130M	18	33	50	130	48	M12	1.94
BT40A	BHSBT40AST18160M	18	33	50	160	48	M12	2.34
BT40A	BHSBT40AST20075M	20	35.5	-	75	48	M12	1.23
BT40A	BHSBT40AST20130M	20	33	50	130	48	M12	1.92
BT40A	BHSBT40AST20160M	20	33	50	160	48	M12	2.32
BT40A	BHSBT40AST25085M	25	45.5	-	85	56	M16	1.56
BT40A	BHSBT40AST32085M	32	45.5	-	85	58	M16	1.40

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

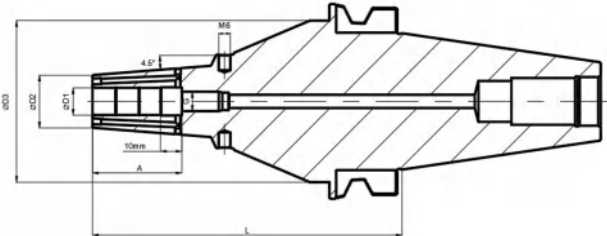
强力型安全锁/HS BT50A

JIS B6339

强力型安全锁/HS BT50A

JIS B6339





- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
- 带轴向长度调节
- 含调整动平衡的螺钉孔
- 含冷却喷孔，可封闭
- 可提供环喷冷却定制

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length
- Screw holes for dynamic balancing
- With cooling jet, can be closed
- Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
BT50A	BHSBT50AST06100M	6	21	70	100	40	M5	3.84
BT50A	BHSBT50AST06160M	6	21	83	160	40	M5	5.58
BT50A	BHSBT50AST06200M	6	21	83	200	40	M5	6.56
BT50A	BHSBT50AST08100M	8	21	70	100	40	M6	3.83
BT50A	BHSBT50AST08160M	8	21	83	160	40	M6	5.57
BT50A	BHSBT50AST08200M	8	21	83	200	40	M6	6.55
BT50A	BHSBT50AST10100M	10	27	55	100	45	M8	3.89
BT50A	BHSBT50AST10160M	10	27	83	160	45	M8	5.46
BT50A	BHSBT50AST10200M	10	27	83	200	45	M8	6.47
BT50A	BHSBT50AST12100M	12	27	55	100	44	M8	3.87
BT50A	BHSBT50AST12160M	12	27	83	160	44	M8	5.45
BT50A	BHSBT50AST12200M	12	27	83	200	44	M8	6.46
BT50A	BHSBT50AST14100M	14	33.3	-	100	44	M10	3.92
BT50A	BHSBT50AST14160M	14	33	83	160	44	M10	5.58
BT50A	BHSBT50AST14200M	14	33	83	200	44	M10	6.68
BT50A	BHSBT50AST16100M	16	33.3	-	100	46	M12	3.90

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技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
BT50A	BHSBT50AST16160M	16	33	83	160	46	M12	5.55
BT50A	BHSBT50AST16200M	16	33	83	200	46	M12	6.65
BT50A	BHSBT50AST18100M	18	44.7	-	100	48	M12	4.04
BT50A	BHSBT50AST18160M	18	44	83	160	48	M12	5.89
BT50A	BHSBT50AST18200M	18	44	83	200	48	M12	7.16
BT50A	BHSBT50AST20100M	20	44.7	-	100	48	M12	4.01
BT50A	BHSBT50AST20160M	20	44	83	160	48	M12	5.87
BT50A	BHSBT50AST20200M	20	44	83	200	48	M12	7.14
BT50A	BHSBT50AST25100M	25	44.7	-	100	56	M16	4.26
BT50A	BHSBT50AST25160M	25	44	83	160	56	M16	6.13
BT50A	BHSBT50AST25200M	25	44	83	200	56	M16	7.40

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

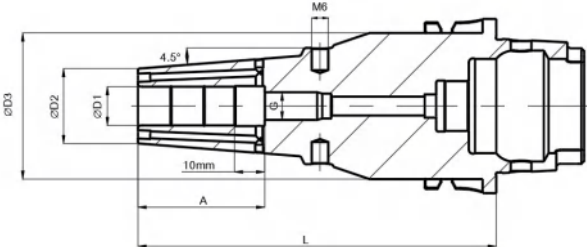
强力型安全锁/HS HSK63A

DIN 69893

强力型安全锁/HS HSK63A

DIN 69893





- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
- 带轴向长度调节
- 含调整动平衡的螺钉孔
- 含冷却喷孔，可封闭
- 可提供环喷冷却定制

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length
- Screw holes for dynamic balancing
- With cooling jet, can be closed
- Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK63A	BHSHSK63AST06070M	6	22	-	70	40	M5	0.78	M18*1
HSK63A	BHSHSK63AST06120M	6	21	53	120	40	M5	1.39	M18*1
HSK63A	BHSHSK63AST06130M	6	21	53	130	40	M5	1.56	M18*1
HSK63A	BHSHSK63AST06160M	6	21	53	160	40	M5	1.96	M18*1
HSK63A	BHSHSK63AST08070M	8	22	-	70	40	M6	0.78	M18*1
HSK63A	BHSHSK63AST08120M	8	21	53	120	40	M6	1.38	M18*1
HSK63A	BHSHSK63AST08130M	8	21	53	130	40	M6	1.55	M18*1
HSK63A	BHSHSK63AST08160M	8	21	53	160	40	M6	1.95	M18*1
HSK63A	BHSHSK63AST10070M	10	26.5	-	70	45	M8	0.81	M18*1
HSK63A	BHSHSK63AST10120M	10	24	53	120	45	M8	1.38	M18*1
HSK63A	BHSHSK63AST10130M	10	24	53	130	45	M8	1.55	M18*1
HSK63A	BHSHSK63AST10160M	10	24	53	160	45	M8	1.96	M18*1
HSK63A	BHSHSK63AST12070M	12	26.5	-	70	44	M8	0.80	M18*1
HSK63A	BHSHSK63AST12120M	12	24	53	120	44	M8	1.36	M18*1
HSK63A	BHSHSK63AST12130M	12	24	53	130	44	M8	1.53	M18*1
HSK63A	BHSHSK63AST12160M	12	24	53	160	44	M8	1.94	M18*1

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技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK63A	BHSHSK63AST14070M	14	29.5	-	70	44	M10	0.86	M18*1
HSK63A	BHSHSK63AST14120M	14	27	53	120	44	M10	1.39	M18*1
HSK63A	BHSHSK63AST14130M	14	27	53	130	44	M10	1.56	M18*1
HSK63A	BHSHSK63AST14160M	14	27	53	160	44	M10	1.99	M18*1
HSK63A	BHSHSK63AST16075M	16	29.5	-	75	46	M12	0.84	M18*1
HSK63A	BHSHSK63AST16120M	16	27	53	120	46	M12	1.36	M18*1
HSK63A	BHSHSK63AST16130M	16	27	53	130	46	M12	1.53	M18*1
HSK63A	BHSHSK63AST16160M	16	27	53	160	46	M12	1.96	M18*1
HSK63A	BHSHSK63AST18075M	18	35.5	-	75	48	M12	0.94	M18*1
HSK63A	BHSHSK63AST18120M	18	33	53	120	48	M12	1.51	M18*1
HSK63A	BHSHSK63AST18130M	18	33	53	130	48	M12	1.68	M18*1
HSK63A	BHSHSK63AST18160M	18	33	53	160	48	M12	2.11	M18*1
HSK63A	BHSHSK63AST20075M	20	35.5	-	75	48	M12	0.92	M18*1
HSK63A	BHSHSK63AST20120M	20	33	53	120	48	M12	1.48	M18*1
HSK63A	BHSHSK63AST20130M	20	33	53	130	48	M12	1.65	M18*1
HSK63A	BHSHSK63AST20160M	20	33	53	160	48	M12	2.08	M18*1
HSK63A	BHSHSK63AST25085M	25	45	51	85	56	M16	1.27	M18*1
HSK63A	BHSHSK63AST25120M	25	44	53	120	56	M16	1.81	M18*1
HSK63A	BHSHSK63AST25130M	25	44	53	130	56	M16	1.98	M18*1
HSK63A	BHSHSK63AST25160M	25	44	53	160	56	M16	2.49	M18*1
HSK63A	BHSHSK63AST32085M	32	45	51	85	58	M16	1.10	M18*1
HSK63A	BHSHSK63AST32120M	32	44	53	120	58	M16	1.65	M18*1
HSK63A	BHSHSK63AST32130M	32	44	53	130	58	M16	1.82	M18*1
HSK63A	BHSHSK63AST32160M	32	44	53	160	58	M16	2.33	M18*1

- 刀具柄部公差等级h6
 - 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113页
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

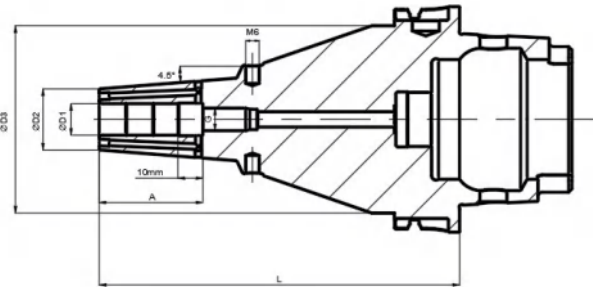
强力型安全锁/HS HSK100A

DIN 69893

强力型安全锁/HS HSK100A

DIN 69893





- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
- 带轴向长度调节
- 含调整动平衡的螺钉孔
- 含冷却喷孔，可封闭
- 可提供环喷冷却定制

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
- With adjustable axial length
- Screw holes for dynamic balancing
- With cooling jet, can be closed
- Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK100A	BHSHSK100AST06085M	6	21	60	85	40	M5	2.18	M24*1.5
HSK100A	BHSHSK100AST06160M	6	21	83	160	40	M5	4.15	M24*1.5
HSK100A	BHSHSK100AST06200M	6	21	83	200	40	M5	5.13	M24*1.5
HSK100A	BHSHSK100AST08085M	8	21	60	85	40	M6	2.18	M24*1.5
HSK100A	BHSHSK100AST08160M	8	21	83	160	40	M6	4.14	M24*1.5
HSK100A	BHSHSK100AST08200M	8	21	83	200	40	M6	5.12	M24*1.5
HSK100A	BHSHSK100AST10090M	10	27	53	90	45	M8	2.23	M24*1.5
HSK100A	BHSHSK100AST10160M	10	27	83	160	45	M8	4.04	M24*1.5
HSK100A	BHSHSK100AST10200M	10	27	83	200	45	M8	5.05	M24*1.5
HSK100A	BHSHSK100AST12095M	12	27	73	95	44	M8	2.28	M24*1.5
HSK100A	BHSHSK100AST12160M	12	27	83	160	44	M8	4.02	M24*1.5
HSK100A	BHSHSK100AST12200M	12	27	83	200	44	M8	5.03	M24*1.5
HSK100A	BHSHSK100AST14095M	14	33	60	95	44	M10	2.33	M24*1.5
HSK100A	BHSHSK100AST14160M	14	33	83	160	44	M10	4.17	M24*1.5
HSK100A	BHSHSK100AST14200M	14	33	83	200	44	M10	5.27	M24*1.5
HSK100A	BHSHSK100AST16100M	16	33	78	100	46	M12	2.56	M24*1.5

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技术参数 | Technical parameters

单位 | Unit: mm

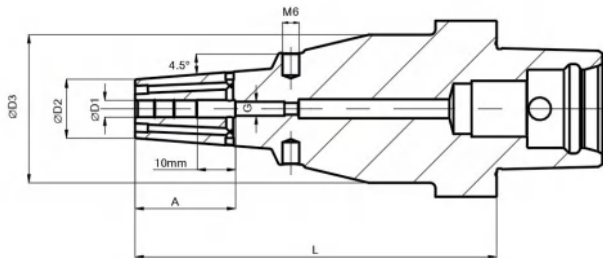
接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK100A	BHSHSK100AST16160M	16	33	83	160	46	M12	4.14	M24*1.5
HSK100A	BHSHSK100AST16200M	16	33	83	200	46	M12	5.24	M24*1.5
HSK100A	BHSHSK100AST18100M	18	44	76	100	48	M12	2.52	M24*1.5
HSK100A	BHSHSK100AST18160M	18	44	83	160	48	M12	4.52	M24*1.5
HSK100A	BHSHSK100AST18200M	18	44	83	200	48	M12	5.80	M24*1.5
HSK100A	BHSHSK100AST20105M	20	44	85	105	48	M12	2.55	M24*1.5
HSK100A	BHSHSK100AST20160M	20	44	83	160	48	M12	4.50	M24*1.5
HSK100A	BHSHSK100AST20200M	20	44	83	200	48	M12	5.78	M24*1.5
HSK100A	BHSHSK100AST25115M	25	44	85	115	56	M16	3.09	M24*1.5
HSK100A	BHSHSK100AST25160M	25	44	83	160	56	M16	4.76	M24*1.5
HSK100A	BHSHSK100AST25200M	25	44	83	200	56	M16	6.04	M24*1.5

- 刀具柄部公差等级h6
- 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113页

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately. Please refer to P113

强力型安全锁/HS PSC63A

ISO 26623



- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或U_{max} < 1 g·mm
- 带轴向长度调节
- 含调整动平衡的螺钉孔
- 含冷却喷孔，可封闭
- 可提供环喷冷却定制

- Runout < 0.003mm
- Balancing Grade: G2.5 at 25,000 rpm or U_{max} < 1 g·mm
- With adjustable axial length
- Screw holes for dynamic balancing
- With cooling jet, can be closed
- Ring jet cooling can be customized

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	D3	L	A	G	重量 m (kg)
PSC63A	BHSPSC63AST10130M	10	24	53	130	45	M8	1.74
PSC63A	BHSPSC63AST12065M	12	26.5	-	65	44	M8	0.89
PSC63A	BHSPSC63AST12130M	12	24	53	130	44	M8	1.74
PSC63A	BHSPSC63AST16070M	16	29.5	-	70	46	M12	0.97
PSC63A	BHSPSC63AST16130M	16	27	53	130	46	M12	1.74
PSC63A	BHSPSC63AST20070M	20	35.5	-	70	48	M12	0.97
PSC63A	BHSPSC63AST20130M	20	33	53	130	48	M12	1.74
PSC63A	BHSPSC63AST25080M	25	45	51	80	56	M16	1.37
PSC63A	BHSPSC63AST32080M	32	45	51	80	58	M16	1.37

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

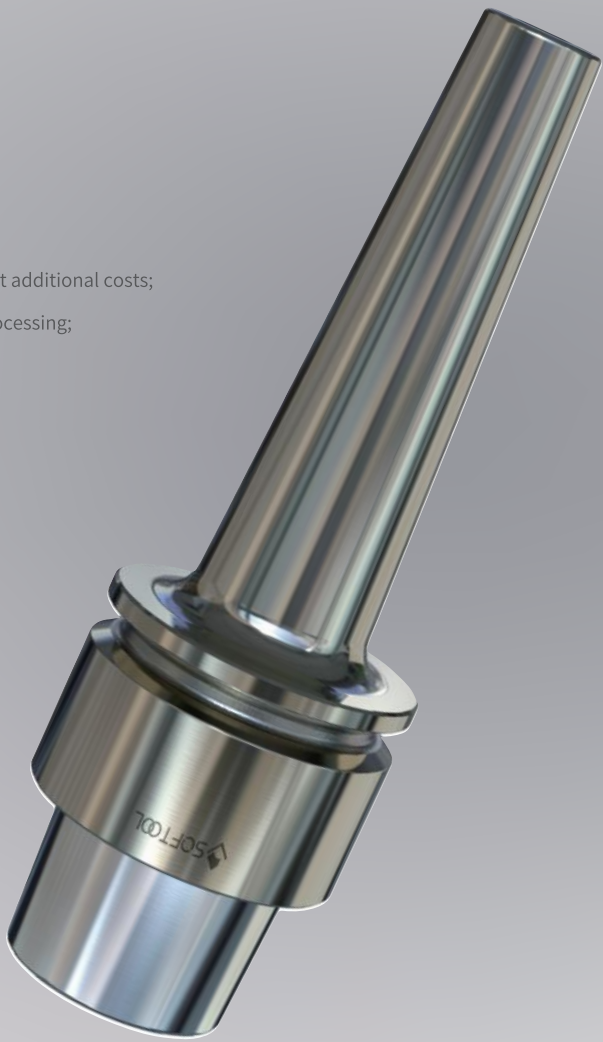
- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

模具型热装刀柄

MOLD & DIE

- 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；
- HSK系列热装刀柄自带芯片孔，可直接装载芯片，无需额外费用；
- 适用高速切削，深腔加工；
- 低振动；
- 精度高，跳动精度<0.003mm；
- 细长外形，良好的避让尺寸。

- The shrink-fit chuck has a thread balance hole, which can be directly assembled with a balance screw for dynamic balance adjustment;
- The HSK series shrink-fit chuck has a chip hole, which can be directly assembled with chips without additional costs;
- Suitable for high-speed cutting and deep cavity processing;
- Low vibration;
- High precision, Runout <0.003mm;
- Slender shape, good avoidance size.

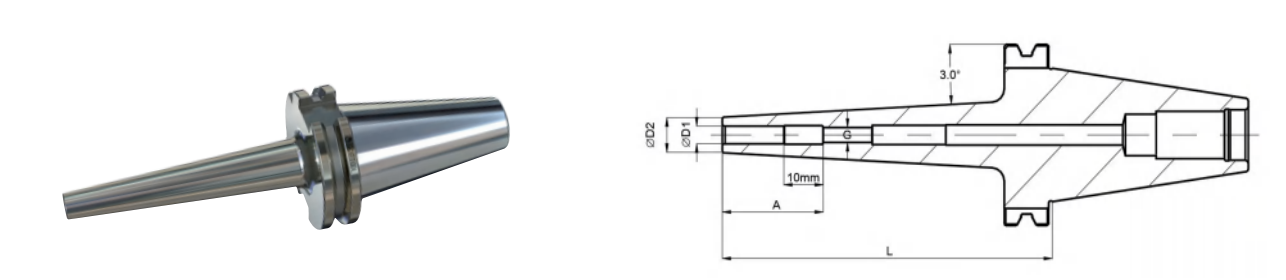


模具型/DM SK40A

DIN 69871

模具型/DM HSK32E

DIN 69893



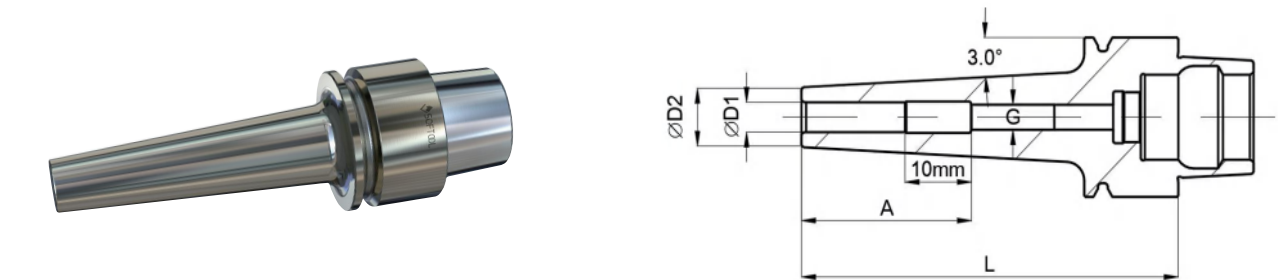
- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
 - 带轴向长度调节
- Runout < 0.003mm
 - Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
 - With adjustable axial length

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	G	重量 m (kg)
SK40A	BDMSK40AST03120M	3	9	120	10	-	0.93
SK40A	BDMSK40AST04120M	4	10	120	12	-	0.95
SK40A	BDMSK40AST06120M	6	12	120	22	M5	0.97
SK40A	BDMSK40AST08120M	8	14	120	26	M6	1.01
SK40A	BDMSK40AST10120M	10	16	120	41	M8	1.01
SK40A	BDMSK40AST12120M	12	18	120	46	M8	1.1
SK40A	BDMSK40AST16120M	16	22	120	49	M12	1.25

- 无平衡螺钉
 - 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Without balance screw
 - Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request



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

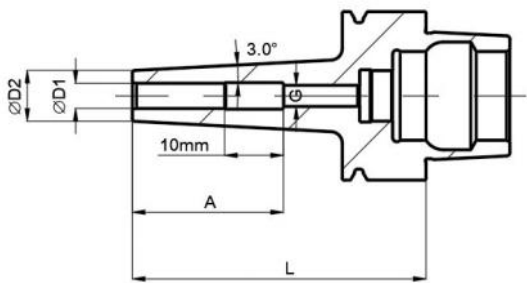
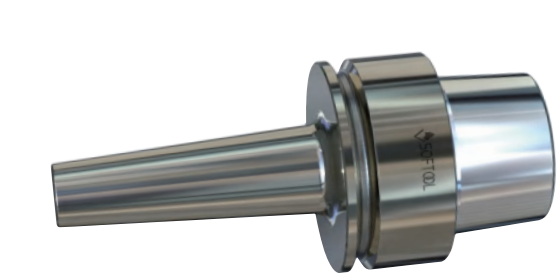
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK32E	BDMHSK32EST03060M	3	9	60	10	-	0.14	M10*1
HSK32E	BDMHSK32EST03080M	3	9	80	10	-	0.16	M10*1
HSK32E	BDMHSK32EST04060M	4	10	60	12	-	0.14	M10*1
HSK32E	BDMHSK32EST04080M	4	10	80	12	-	0.16	M10*1
HSK32E	BDMHSK32EST06060M	6	12	60	22	M5	0.16	M10*1
HSK32E	BDMHSK32EST06080M	6	12	80	22	M5	0.19	M10*1
HSK32E	BDMHSK32EST08060M	8	14	60	26	M6	0.16	M10*1
HSK32E	BDMHSK32EST08080M	8	14	80	26	M6	0.19	M10*1
HSK32E	BDMHSK32EST10060M	10	16	60	41	M8	0.20	M10*1
HSK32E	BDMHSK32EST10080M	10	16	80	41	M8	0.22	M10*1
HSK32E	BDMHSK32EST12060M	12	18	60	46	M8	0.20	M10*1
HSK32E	BDMHSK32EST12080M	12	18	80	46	M8	0.22	M10*1

- 无平衡螺钉
 - 刀具柄部公差等级h6
 - 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113页
- Without balance screw
 - Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

模具型/DM HSK40E

DIN 69893



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

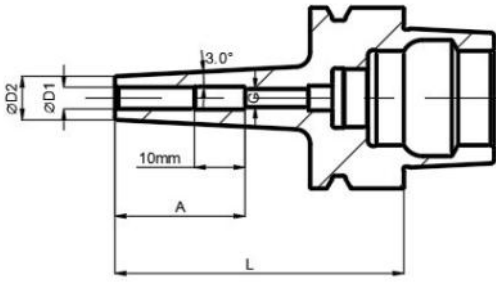
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK40E	BDMHSK40EST03060M	3	9	60	10	-	0.21	M12*1
HSK40E	BDMHSK40EST03070M	3	9	70	10	-	0.22	M12*1
HSK40E	BDMHSK40EST03080M	3	9	80	10	-	0.23	M12*1
HSK40E	BDMHSK40EST04060M	4	10	60	12	-	0.21	M12*1
HSK40E	BDMHSK40EST04070M	4	10	70	12	-	0.22	M12*1
HSK40E	BDMHSK40EST04080M	4	10	80	12	-	0.23	M12*1
HSK40E	BDMHSK40EST06060M	6	12	60	22	M5	0.23	M12*1
HSK40E	BDMHSK40EST06070M	6	12	70	22	M5	0.25	M12*1
HSK40E	BDMHSK40EST06080M	6	12	80	22	M5	0.26	M12*1
HSK40E	BDMHSK40EST08060M	8	14	60	26	M6	0.23	M12*1
HSK40E	BDMHSK40EST08070M	8	14	70	26	M6	0.25	M12*1
HSK40E	BDMHSK40EST08080M	8	14	80	26	M6	0.26	M12*1
HSK40E	BDMHSK40EST10060M	10	16	60	41	M8	0.26	M12*1
HSK40E	BDMHSK40EST10070M	10	16	70	41	M8	0.28	M12*1
HSK40E	BDMHSK40EST10080M	10	16	80	41	M8	0.29	M12*1
HSK40E	BDMHSK40EST12060M	12	18	60	46	M8	0.28	M12*1
HSK40E	BDMHSK40EST12070M	12	18	70	46	M8	0.30	M12*1
HSK40E	BDMHSK40EST12080M	12	18	80	46	M8	0.31	M12*1

- 无平衡螺钉
 - 刀具柄部公差等级h6
 - 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113页
- Without balance screw
 - Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

模具型/DM HSK50E

DIN 69893



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

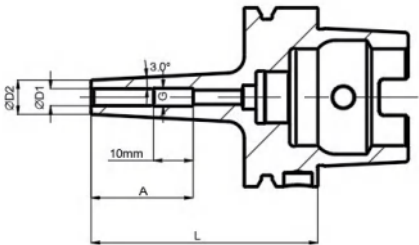
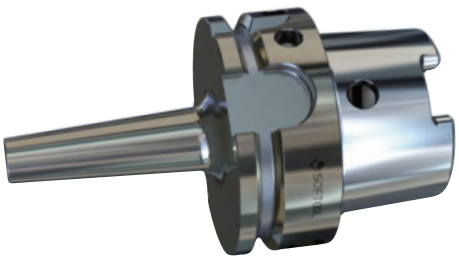
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK50E	BDMHSK50EST03070M	3	9	70	10	-	0.43	M16*1
HSK50E	BDMHSK50EST03080M	3	9	80	10	-	0.44	M16*1
HSK50E	BDMHSK50EST04070M	4	10	70	12	-	0.43	M16*1
HSK50E	BDMHSK50EST04080M	4	10	80	12	-	0.44	M16*1
HSK50E	BDMHSK50EST06070M	6	12	70	22	M5	0.46	M16*1
HSK50E	BDMHSK50EST06080M	6	12	80	22	M5	0.47	M16*1
HSK50E	BDMHSK50EST06100M	6	12	100	22	M5	0.50	M16*1
HSK50E	BDMHSK50EST08070M	8	14	70	26	M6	0.49	M16*1
HSK50E	BDMHSK50EST08080M	8	14	80	26	M6	0.50	M16*1
HSK50E	BDMHSK50EST08100M	8	14	100	26	M6	0.53	M16*1
HSK50E	BDMHSK50EST10070M	10	16	70	41	M8	0.51	M16*1
HSK50E	BDMHSK50EST10080M	10	16	80	41	M8	0.52	M16*1
HSK50E	BDMHSK50EST10100M	10	16	100	41	M8	0.55	M16*1
HSK50E	BDMHSK50EST12070M	12	18	70	46	M8	0.53	M16*1
HSK50E	BDMHSK50EST12080M	12	18	80	46	M8	0.54	M16*1
HSK50E	BDMHSK50EST12100M	12	18	100	46	M8	0.57	M16*1

- 无平衡螺钉
 - 刀具柄部公差等级h6
 - 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113页
- Without balance screw
 - Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request
 - Nozzle need to be ordered seperately. Please refer to P113

模具型/DM HSK63A

DIN 69893



- 跳动精度<0.003mm
- 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·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	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK63A	BDMHSK63AST03120M	3	9	120	10	-	0.73	M18*1
HSK63A	BDMHSK63AST04120M	4	10	120	12	-	0.75	M18*1
HSK63A	BDMHSK63AST06120M	6	12	120	22	M5	0.78	M18*1
HSK63A	BDMHSK63AST08120M	8	14	120	26	M6	0.81	M18*1
HSK63A	BDMHSK63AST10120M	10	16	120	41	M8	0.85	M18*1
HSK63A	BDMHSK63AST12120M	12	18	120	46	M8	0.88	M18*1
HSK63A	BDMHSK63AST16120M	16	22	120	49	M12	1.01	M18*1

- 无平衡螺钉
- 刀具柄部公差等级h6
- 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113页

- Without balance screw
- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately. Please refer to P113

强力模具型热装刀柄

HIGH TORQUE MOLD & DIE

- 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；
- HSK系列热装刀柄自带芯片孔，可直接装载芯片，无需额外费用；
- 更强的刚性和抗震性能；
- 高速下的高进度轻切削；
- 精度高,跳动精度<0.003mm。

- The shrink-fit chuck has a thread balance hole, which can be directly assembled with a balance screw for dynamic balance adjustment;
- The HSK series shrink-fit chuck has a chip hole, which can be directly assembled with chips without additional costs;
- Stronger rigidity and seismic performance;
- High progress & light cutting at high speed;
- High precision, Runout <0.003mm.

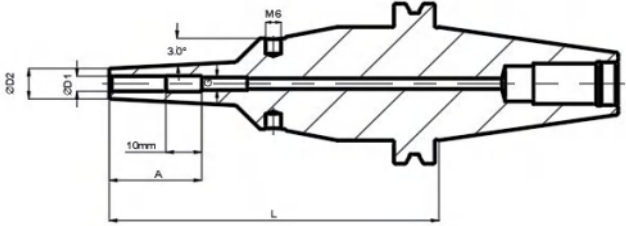


强力模具型/HD SK40A

DIN 69871

强力模具型/HD SK40A

DIN 69871



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

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

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	G	重量 m (kg)
SK40A	BHDSK40AST03130M	3	9	130	10	-	1.43
SK40A	BHDSK40AST03160M	3	9	160	10	-	1.48
SK40A	BHDSK40AST03200M	3	9	200	10	-	1.94
SK40A	BHDSK40AST04130M	4	10	130	12	-	1.43
SK40A	BHDSK40AST04160M	4	10	160	12	-	1.48
SK40A	BHDSK40AST04200M	4	10	200	12	-	1.94
SK40A	BHDSK40AST06130M	6	12	130	22	M5	1.47
SK40A	BHDSK40AST06160M	6	12	160	22	M5	1.52
SK40A	BHDSK40AST06200M	6	12	200	22	M5	1.98
SK40A	BHDSK40AST08130M	8	14	130	26	M6	1.47
SK40A	BHDSK40AST08160M	8	14	160	26	M6	1.52
SK40A	BHDSK40AST08200M	8	14	200	26	M6	1.98
SK40A	BHDSK40AST10130M	10	16	130	41	M8	1.50
SK40A	BHDSK40AST10160M	10	16	160	41	M8	1.55
SK40A	BHDSK40AST10200M	10	16	200	41	M8	2.01

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技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	G	重量 m (kg)
SK40A	BHDSK40AST12130M	12	18	130	46	M8	1.50
SK40A	BHDSK40AST12160M	12	18	160	46	M8	1.55
SK40A	BHDSK40AST12200M	12	18	200	46	M8	2.01
SK40A	BHDSK40AST16130M	16	24	130	49	M12	1.76
SK40A	BHDSK40AST16160M	16	24	160	49	M12	1.81
SK40A	BHDSK40AST16200M	16	24	200	49	M12	2.27

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

强力模具型/HD SK50A

DIN 69871

强力模具型/HD BT30A

JIS B6339



- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
 - 带轴向长度调节
 - 带动平衡螺钉孔
- Runout < 0.003mm
 - Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
 - With adjustable axial length
 - Screw holes for dynamic balancing
- 跳动精度<0.003mm
 - 转速为25,000 rpm时，平衡质量等级达到G2.5或Umax < 1 g·mm
 - 带轴向长度调节
 - 带动平衡螺钉孔
- Runout < 0.003mm
 - Balancing Grade: G2.5 at 25,000 rpm or Umax < 1 g·mm
 - With adjustable axial length
 - Screw holes for dynamic balancing

技术参数 | Technical parameters

单位 | Unit: mm

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	G	重量 m (kg)
SK50A	BHDSK50AST06130M	6	12	130	22	M5	3.35
SK50A	BHDSK50AST06160M	6	12	160	22	M5	3.41
SK50A	BHDSK50AST06200M	6	12	200	22	M5	3.95
SK50A	BHDSK50AST08130M	8	14	130	26	M6	3.32
SK50A	BHDSK50AST08160M	8	14	160	26	M6	3.39
SK50A	BHDSK50AST08200M	8	14	200	26	M6	3.93

- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request

接口 Coupling	订货号 Ordering code	D1	D2	L	A	G	重量 m (kg)
BT30A	BHDBT30AST03075M	3	9	75	10	-	0.45
BT30A	BHDBT30AST03095M	3	6	95	10	-	0.60
BT30A	BHDBT30AST03120M	3	6	120	10	-	0.62
BT30A	BHDBT30AST04075M	4	10	75	12	-	0.46
BT30A	BHDBT30AST04095M	4	7	95	12	-	0.61
BT30A	BHDBT30AST04120M	4	7	120	12	-	0.63
BT30A	BHDBT30AST06075M	6	12	75	22	M5	0.48
BT30A	BHDBT30AST06095M	6	9	95	22	M5	0.63
BT30A	BHDBT30AST06120M	6	9	120	22	M5	0.65
BT30A	BHDBT30AST08075M	8	14	75	26	M6	0.47
BT30A	BHDBT30AST10075M	10	16	75	41	M8	0.47
BT30A	BHDBT30AST12075M	12	18	75	46	M8	0.46

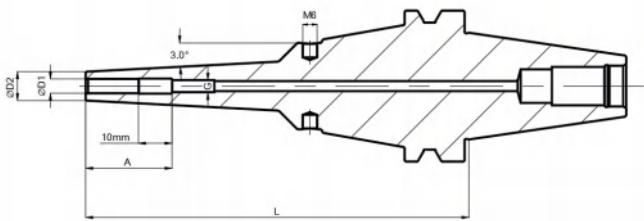
- 刀具柄部公差等级h6
 - 可按要求定制其他尺寸和特殊设计
- Tolerance class of tool shank: h6
 - Additional sizes and special designs available on request

强力模具型/HD BT40A

JIS B6339

强力模具型/HD BT40A

JIS B6339



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

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

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	G	重量 m (kg)
BT40A	BHDBT40AST03130M	3	9	130	10	-	1.54
BT40A	BHDBT40AST03160M	3	9	160	10	-	1.59
BT40A	BHDBT40AST03200M	3	9	200	10	-	2.06
BT40A	BHDBT40AST04130M	4	10	130	12	-	1.56
BT40A	BHDBT40AST04160M	4	10	160	12	-	1.61
BT40A	BHDBT40AST04200M	4	10	200	12	-	2.08
BT40A	BHDBT40AST06130M	6	12	130	22	M5	1.59
BT40A	BHDBT40AST06160M	6	12	160	22	M5	1.64
BT40A	BHDBT40AST06200M	6	12	200	22	M5	2.11
BT40A	BHDBT40AST08130M	8	14	130	26	M6	1.62
BT40A	BHDBT40AST08160M	8	14	160	26	M6	1.67
BT40A	BHDBT40AST08200M	8	14	200	26	M6	2.14
BT40A	BHDBT40AST10130M	10	16	130	41	M8	1.62
BT40A	BHDBT40AST10160M	10	16	160	41	M8	1.67
BT40A	BHDBT40AST10200M	10	16	200	41	M8	2.14

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技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	G	重量 m (kg)
BT40A	BHDBT40AST12130M	12	18	130	46	M8	1.65
BT40A	BHDBT40AST12160M	12	18	160	46	M8	1.71
BT40A	BHDBT40AST12200M	12	18	200	46	M8	2.17
BT40A	BHDBT40AST16130M	16	24	130	49	M12	1.61
BT40A	BHDBT40AST16160M	16	24	160	49	M12	1.79
BT40A	BHDBT40AST16200M	16	24	200	49	M12	2.25

- 刀具柄部公差等级h6
- 可按要求定制其他尺寸和特殊设计

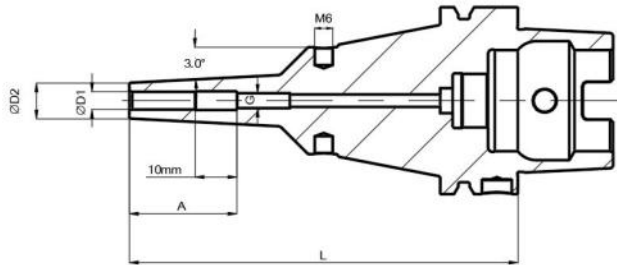
- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request

强力模具型/HD HSK63A

DIN 69893

强力模具型/HD HSK63A

DIN 69893



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

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

技术参数 | Technical parameters

单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK63A	BHDHSK63AST03130M	3	9	130	10	-	1.18	M18*1
HSK63A	BHDHSK63AST03160M	3	9	160	10	-	1.26	M18*1
HSK63A	BHDHSK63AST03200M	3	9	200	10	-	1.73	M18*1
HSK63A	BHDHSK63AST04130M	4	10	130	12	-	1.16	M18*1
HSK63A	BHDHSK63AST04160M	4	10	160	12	-	1.24	M18*1
HSK63A	BHDHSK63AST04200M	4	10	200	12	-	1.75	M18*1
HSK63A	BHDHSK63AST06130M	6	12	130	22	M5	1.21	M18*1
HSK63A	BHDHSK63AST06160M	6	12	160	22	M5	1.31	M18*1
HSK63A	BHDHSK63AST06200M	6	12	200	22	M5	1.79	M18*1
HSK63A	BHDHSK63AST08130M	8	14	130	26	M6	1.23	M18*1
HSK63A	BHDHSK63AST08160M	8	14	160	26	M6	1.33	M18*1
HSK63A	BHDHSK63AST08200M	8	14	200	26	M6	1.81	M18*1
HSK63A	BHDHSK63AST10130M	10	16	130	41	M8	1.25	M18*1
HSK63A	BHDHSK63AST10160M	10	16	160	41	M8	1.37	M18*1
HSK63A	BHDHSK63AST10200M	10	16	200	41	M8	1.83	M18*1

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技术参数 | Technical parameters

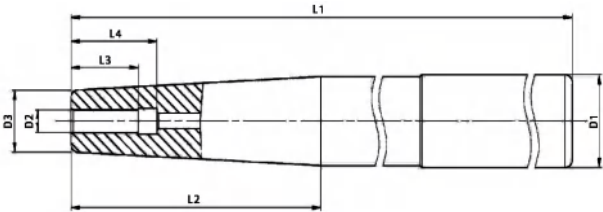
单位 | Unit: mm

接口 Coupling	订货号 Ordering code	D1	D2	L	A	G	重量 m (kg)	水嘴 Nozzle
HSK63A	BHDHSK63AST12130M	12	18	130	46	M8	1.27	M18*1
HSK63A	BHDHSK63AST12160M	12	18	160	46	M8	1.39	M18*1
HSK63A	BHDHSK63AST12200M	12	18	200	46	M8	1.85	M18*1
HSK63A	BHDHSK63AST16130M	16	24	130	49	M12	1.38	M18*1
HSK63A	BHDHSK63AST16160M	16	24	160	49	M12	1.57	M18*1
HSK63A	BHDHSK63AST16200M	16	24	200	49	M12	2.10	M18*1

- 刀具柄部公差等级h6
- 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113页

- Tolerance class of tool shank: h6
- Additional sizes and special designs available on request
- Nozzle need to be ordered seperately. Please refer to P113

热装延长杆/Shrink Fit Extension

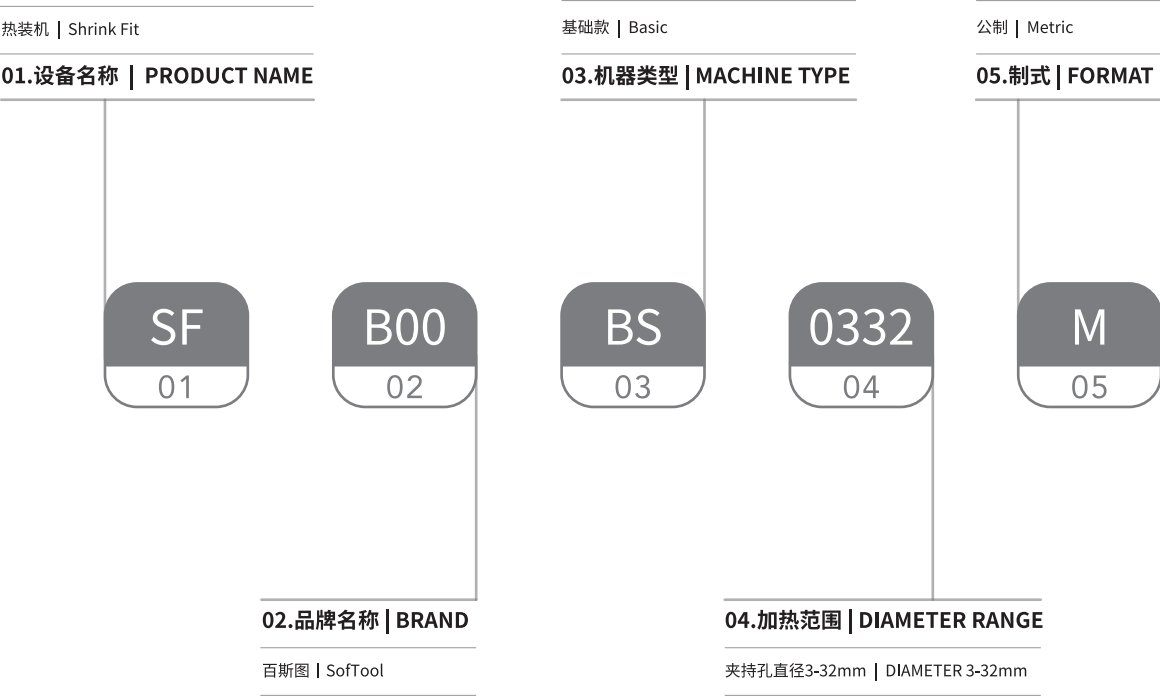


技术参数 | Technical parameters

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



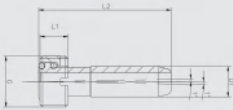
热装机 Shrink Fit

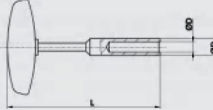


- 配合热装刀柄使用，用于刀具的装夹及更换
 - 针对所有刀具的标准热缩设备
- Used with shrink chuck for clamping and replacement of tools
 - Standard shrinking equipment for all tools

技术参数 Technical parameters		单位 Unit: mm
热装机 Shrink Fit		
主电源 Mains Voltage	3*380V 25A 15Kw	
刀具 Tools	钨钢和高速钢 solid carbide and HSS	
刀具直径 Tool Diameter	Φ3-Φ32mm	
尺寸（长×宽×高） Dimensions（L x W×H）	500*580*1000mm	
重量 Weight	40kg	
附件 Accessories	含一个支撑座，两个支撑盘，六个止动盘 Contains a support base, two support discs, six stop discs	
订货号 Ordering code	SFB00BS0332M	

配件清单 List of parts

水嘴 Nozzle 为HSK刀柄提供内部冷却液供给 Provide internal coolant supply for HSK chucks					
					
订货号 Ordering code	适用 Apply	D1	L1	L2	G
731300560051	HSK32	6	5.5	26	M10X1
731300560052	HSK40	8	7.5	29	M12X1
731300560053	HSK50	10	9.5	33	M16X1
731300560054	HSK63	12	11.5	36.5	M18X1
731300560055	HSK80	14	13.5	38.5	M20X1.5
731300560056	HSK100	16	15	43.5	M24X1.5

水嘴扳手 Nozzle key				
				
订货号 Ordering code	适用 Apply	D	D2	L
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	种类 Type	描述 Description
73010160087	M5	M5*18
730101061404	M6	M6*20
730101060058	M8	M8*1*20
730101061402	M10	M10*1*20
730101060057	M12	M12*1*20
730101061405	M16	M16*1*20