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QUALITY

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EGNC 森泰英格®

森泰英格（成都）数控刀具有限公司

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HSK Tooling System

HSK 工具系统

EGNC
森泰英格·数控刀具



森泰英格（成都）数控刀具有限公司
CENTRIX-EG, Ltd.

HSK Tooling System

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01/02

► 生产现场



► 检测设备



► 充裕库存



► 深冷处理



EGNC
森泰英格·数控刀具

2013

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公司参与起草T型HSK刀柄标准GB/T19449.3

2004

中国颁布GB/T19449

2002

EGNC

公司参与国家“十五”科技攻关重点项目，
项目编码：2001BA205B05/01

1996

德国颁布DIN69893

2008

ISO颁布T型HSK刀柄ISO12164-3

2003

EGNC

公司HSK系列产品率先投向市场

2001

ISO颁布ISO12164

HSK Tooling System 英格造 HSK 工具系统 HSK Tooling System
HSK Tooling System 英格造 HSK 工具系统 HSK Tooling System

英格造

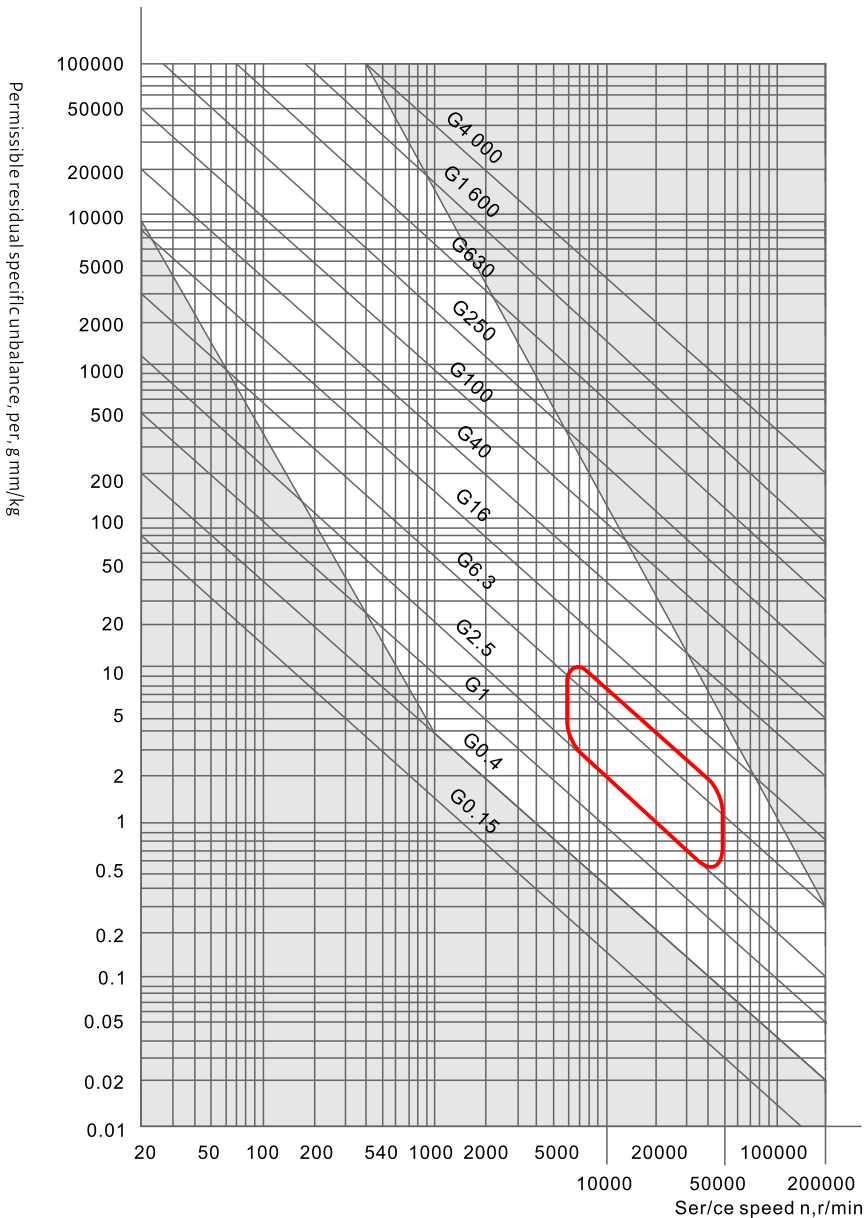
HSK Tooling System

动平衡

动平衡计算公式 (根据ISO-1940-1)

G=n*U/9549*M

- G=不平衡等级
- n=rpm
- U=不平衡量(g*mm)
- M=刀具质量(kg)
- 9549=常数

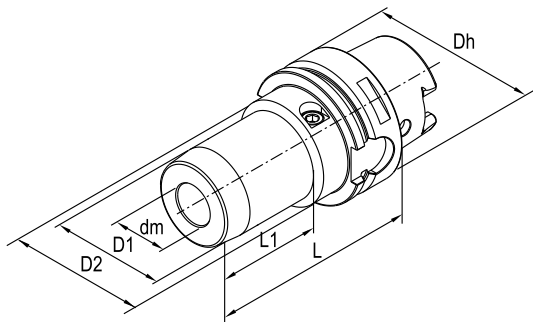


刀具动平衡推荐范围



产品目录

液压刀柄



| 型号
Model | 库存
Stock | | 尺寸Size
(mm) | | | | | |
卡簧
Collets |
|------------------|-------------|----------|----------------|----|----|----|----|-----|-------------------|
| | | | Dh | dm | D1 | D2 | L1 | L | |
| HSK63A-HC06-80 | ○ | HSK-A63 | 63 | 6 | 28 | 50 | 35 | 80 | - |
| HSK63A-HC08-80 | ○ | HSK-A63 | 63 | 8 | 30 | 50 | 35 | 80 | - |
| HSK63A-HC10-80 | ○ | HSK-A63 | 63 | 10 | 32 | 50 | 35 | 80 | - |
| HSK63A-HC12-90 | ● | HSK-A63 | 63 | 12 | 35 | 50 | 43 | 90 | HC12 |
| HSK63A-HC14-95 | ○ | HSK-A63 | 63 | 14 | 38 | 50 | 51 | 95 | - |
| HSK63A-HC16-95 | ○ | HSK-A63 | 63 | 16 | 38 | 50 | 51 | 95 | - |
| HSK63A-HC20-95 | ● | HSK-A63 | 63 | 20 | 42 | 50 | 52 | 95 | HC20 |
| HSK63A-HC25-125 | ○ | HSK-A63 | 63 | 25 | 57 | 70 | 63 | 125 | - |
| HSK63A-HC32-125 | ○ | HSK-A63 | 63 | 32 | 64 | 70 | 65 | 125 | HC32 |
| HSK100A-HC06-85 | ○ | HSK-A100 | 100 | 6 | 28 | 50 | 35 | 85 | - |
| HSK100A-HC08-85 | ○ | HSK-A100 | 100 | 8 | 30 | 50 | 35 | 85 | - |
| HSK100A-HC10-85 | ○ | HSK-A100 | 100 | 10 | 32 | 50 | 35 | 85 | - |
| HSK100A-HC12-95 | ● | HSK-A100 | 100 | 12 | 35 | 50 | 43 | 95 | HC12 |
| HSK100A-HC14-100 | ○ | HSK-A100 | 100 | 14 | 38 | 50 | 51 | 100 | - |
| HSK100A-HC16-100 | ○ | HSK-A100 | 100 | 16 | 38 | 50 | 51 | 100 | - |
| HSK100A-HC20-105 | ● | HSK-A100 | 100 | 20 | 42 | 50 | 52 | 105 | HC20 |
| HSK100A-HC25-110 | ○ | HSK-A100 | 100 | 25 | 57 | 70 | 63 | 110 | - |
| HSK100A-HC32-110 | ● | HSK-A100 | 100 | 32 | 64 | 70 | 65 | 110 | HC32 |

* 如需其它型式或规格的HSK类产品请与本公司联系。 ● 标准库存 ○ 订单生产
* 交货时包括相应备件,附件需单独订货。

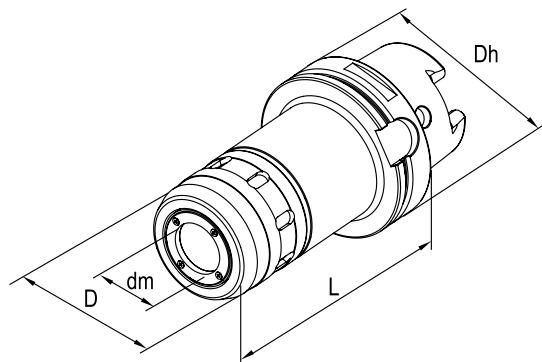
| 备件Spare Parts | dm= 6 | dm= 8 | dm= 10 | dm= 12 | dm= 14 | dm= 16 | dm= 20 | dm= 25 | dm= 32 |
|----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 中心通油螺钉 Central oil-through screw | SO05014C | SO06014C | SO08014C | SO08014C | SO08014C | SO08014C | SO08014C | SO08014C | SO08014C |

| 附件Accessories | dm= 6 | dm= 8 | dm= 10 | dm= 12 | dm= 14 | dm= 16 | dm= 20 | dm= 25 | dm= 32 |
|---------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 扳手 Hex wrench | TS5 | | | | | | | | |

| 附件Accessories | Dh= 63 | Dh= 100 |
|--------------------------|----------|-----------|
| 冷却液套管 Coolant tubes | TU-HSK63 | TU-HSK100 |
| 扳手 Coolant tube wrenches | W-HSK63 | W-HSK100 |

产品目录

强力夹头刀柄



| 型 号
Model | 库存
Stock |  | 尺 寸Size
(mm) | | | | 
卡 簧
Collets |
|-----------------|-------------|---|-----------------|----|----|-----|---|
| | | | Dh | dm | D | L | |
| HSK63A-C20-105 | ● | HSK-A63 | 63 | 20 | 52 | 105 | C20 |
| HSK63A-C25-110 | ● | HSK-A63 | 63 | 25 | 62 | 110 | C25 |
| HSK63A-C32-115 | ● | HSK-A63 | 63 | 32 | 72 | 115 | C32 |
| | | | | | | | |
| HSK100A-C20-110 | ○ | HSK-A100 | 100 | 20 | 52 | 110 | C20 |
| HSK100A-C25-115 | ● | HSK-A100 | 100 | 25 | 62 | 115 | C25 |
| HSK100A-C32-120 | ● | HSK-A100 | 100 | 32 | 72 | 120 | C32 |
| HSK100A-C42-120 | ○ | HSK-A100 | 100 | 42 | 87 | 120 | C42 |

* 如需其它型式或规格的HSK类产品请与本公司联系。

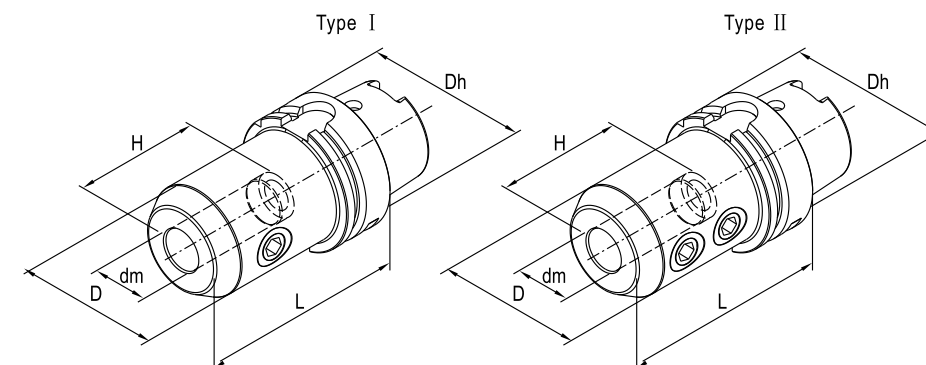
● 标准库存 ○ 订单生产

* 附件需单独订货。

| 附件Accessories | | C20 | C25 | C32 | C42 |
|---|----------|------|------|------|------|
|  | 扳手Wrench | WC20 | WC25 | WC32 | WC42 |

| 附件Accessories | | Dh=63 | Dh=100 |
|---|-------------------------|----------|-----------|
|  | 冷却液套管Coolant tubes | TU-HSK63 | TU-HSK100 |
|  | 扳手Coolant tube wrenches | W-HSK63 | W-HSK100 |

侧固式刀柄



| 型 号
Model | 库存
Stock |  | 尺寸Size
(mm) | | | | | 型式
Type |
|------------------|-------------|---|----------------|----|----|-----|----|------------|
| | | | Dh | dm | D | L | H | |
| HSK63A-XP16-80 | ● | HSK-A63 | 63 | 16 | 48 | 80 | 52 | I |
| HSK63A-XP20-80 | ● | HSK-A63 | 63 | 20 | 52 | 80 | 54 | I |
| HSK63A-XP25-110 | ● | HSK-A63 | 63 | 25 | 65 | 110 | 66 | II |
| HSK63A-XP32-110 | ● | HSK-A63 | 63 | 32 | 72 | 110 | 70 | II |
| HSK100A-XP16-100 | ○ | HSK-A100 | 100 | 16 | 48 | 100 | 52 | I |
| HSK100A-XP20-100 | ● | HSK-A100 | 100 | 20 | 52 | 100 | 54 | I |
| HSK100A-XP25-100 | ● | HSK-A100 | 100 | 25 | 65 | 100 | 66 | II |
| HSK100A-XP32-100 | ● | HSK-A100 | 100 | 32 | 72 | 100 | 66 | II |
| HSK100A-XP40-120 | ● | HSK-A100 | 100 | 40 | 84 | 120 | 80 | II |
| -160 | ○ | HSK-A100 | 100 | 40 | 84 | 160 | 80 | II |

* 交货时包括相应备件,附件需单独订货。

● 标准库存 ○ 订单生产

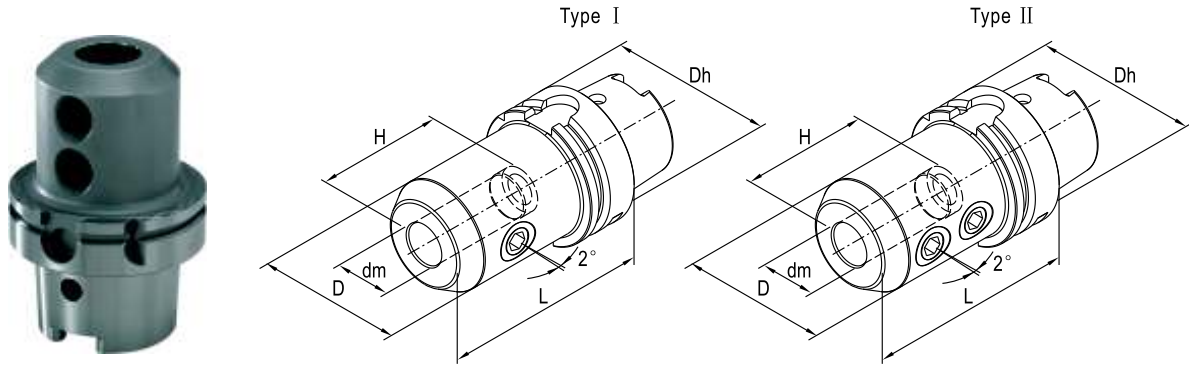
* 如需其它型式或规格的HSK类产品请与本公司联系。

| 备件Spare Parts | | dm=16 | dm=20 | dm=25 | dm=32 | dm=40 |
|---|---------|-------|-------|-------|-------|-------|
|  | 螺钉Screw | SXP16 | SXP20 | SXP25 | SXP32 | SXP32 |

| 附件Accessories | | dm=16 | dm=20 | dm=25 | dm=32 | dm=40 |
|---|-------------------------|----------|-------|-------|-----------|-------|
|  | 扳手Hex wrench | S6 | S8 | S8 | S10 | S10 |
|  | 冷却液套管Coolant tubes | TU-HSK63 | | | TU-HSK100 | |
|  | 扳手Coolant tube wrenches | W-HSK63 | | | W-HSK100 | |

+ 产品目录

2° 侧固式刀柄



| 型 号
Model | 库存
Stock | | 尺 寸Size
(mm) | | | | | 型式
Type |
|-------------------|-------------|----------|-----------------|----|----|-----|----|------------|
| | | | Dh | dm | D | L | H | |
| HSK63A-XPD16-100 | ○ | HSK-A63 | 63 | 16 | 48 | 100 | 52 | I |
| HSK63A-XPD20-100 | ○ | HSK-A63 | 63 | 20 | 52 | 100 | 54 | I |
| HSK63A-XPD25-110 | ○ | HSK-A63 | 63 | 25 | 65 | 110 | 59 | II |
| HSK63A-XPD32-110 | ○ | HSK-A63 | 63 | 32 | 72 | 110 | 63 | II |
| HSK100A-XPD16-100 | ○ | HSK-A100 | 100 | 16 | 48 | 100 | 52 | I |
| HSK100A-XPD20-110 | ○ | HSK-A100 | 100 | 20 | 52 | 110 | 54 | I |
| HSK100A-XPD25-120 | ○ | HSK-A100 | 100 | 25 | 65 | 120 | 59 | II |
| HSK100A-XPD32-120 | ○ | HSK-A100 | 100 | 32 | 72 | 120 | 63 | II |

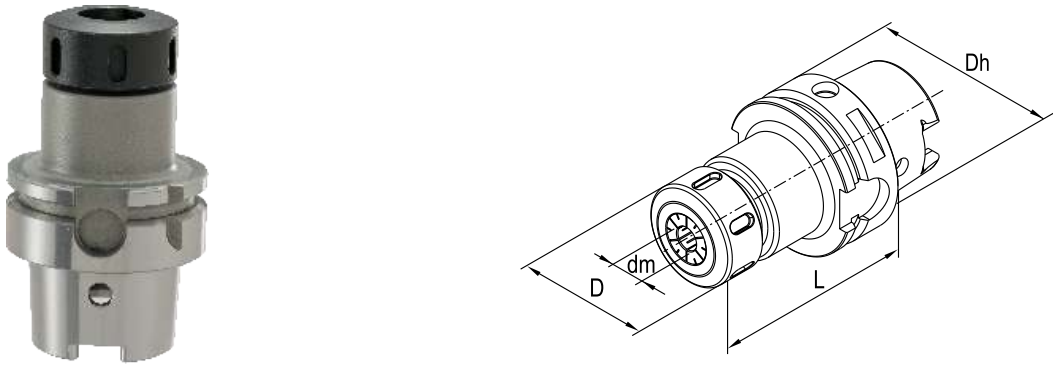
* 如需其它型式或规格的HSK类产品请与本公司联系。 ● 标准库存 ○ 订单生产

* 交货时包括相应备件,附件需单独订货。

| 备件Spare Parts | dm=
16 | dm=
20 | dm=
25 | dm=
32 |
|---------------------------------|-----------|-----------|-----------|-----------|
| 螺 钉Screw | SXP16 | SXP20 | SXP25 | SXP32 |
| 中心通油螺钉Central oil-through screw | SO12014C | SO16016C | SO20016C | SO20016C |

| 附件Accessories | dm=
16 | dm=
20 | dm=
25 | dm=
32 |
|--------------------------|-----------|-----------|-----------|-----------|
| 扳 手Hex wrench | S6 | S8 | S8 | S10 |
| 冷却液套管Coolant tubes | TU-HSK63 | | TU-HSK100 | |
| 扳 手Coolant tube wrenches | W-HSK63 | | W-HSK100 | |

ER 弹簧夹头刀柄



| 型 号
Model | 库存
Stock | | 尺 寸Size
(mm) | | | |
卡 簧
Collets |
|----------------|-------------|---------|-----------------|--------|----|-----|--------------------|
| | | | Dh | dm | D | L | |
| HSK63A-ER11-75 | ○ | HSK-A63 | 63 | 0.5~7 | 23 | 75 | ER11 |
| HSK63A-ER16-80 | ○ | HSK-A63 | 63 | 0.5~10 | 32 | 80 | ER16 |
| -100 | ● | HSK-A63 | 63 | 0.5~10 | 32 | 100 | ER16 |
| -120 | ○ | HSK-A63 | 63 | 0.5~10 | 32 | 120 | ER16 |
| HSK63A-ER20-80 | ○ | HSK-A63 | 63 | 1.0~13 | 34 | 80 | ER20 |
| -100 | ● | HSK-A63 | 63 | 1.0~13 | 34 | 100 | ER20 |
| -120 | ○ | HSK-A63 | 63 | 1.0~13 | 34 | 120 | ER20 |
| HSK63A-ER25-80 | ● | HSK-A63 | 63 | 1.0~16 | 42 | 80 | ER25 |
| -100 | ● | HSK-A63 | 63 | 1.0~16 | 42 | 100 | ER25 |
| -120 | ○ | HSK-A63 | 63 | 1.0~16 | 42 | 120 | ER25 |
| HSK63A-ER32-80 | ● | HSK-A63 | 63 | 2.0~20 | 50 | 80 | ER32 |
| -100 | ● | HSK-A63 | 63 | 2.0~20 | 50 | 100 | ER32 |
| -120 | ○ | HSK-A63 | 63 | 2.0~20 | 50 | 120 | ER32 |
| HSK63A-ER40-80 | ○ | HSK-A63 | 63 | 3.0~26 | 63 | 80 | ER40 |
| -100 | ○ | HSK-A63 | 63 | 3.0~26 | 63 | 100 | ER40 |
| -120 | ○ | HSK-A63 | 63 | 3.0~26 | 63 | 120 | ER40 |

* 如需其它型式或规格的HSK类产品请与本公司联系。 ● 标准库存 ○ 订单生产

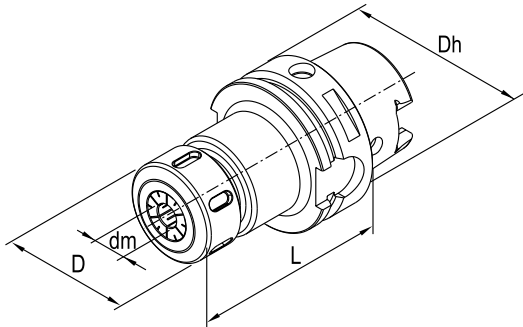
* 交货时包括相应备件,附件需单独订货。

| 备件Spare Parts | ER11 | ER16 | ER20 | ER25 | ER32 | ER40 |
|---------------------------------|--------|--------|--------|--------|--------|--------|
| 螺 母Chuck nuts | CN11HS | CN16HS | CN20HS | CN25B | CN32B | CN40B |
| 中心通油螺钉Central oil-through screw | SER11C | SER16C | SER20C | SER25C | SER32C | SER40C |

| 附件Accessories | ER11 | ER16 | ER20 | ER25 | ER32 | ER40 |
|--------------------------|----------|--------|--------|--------|--------|--------|
| 扳 手Wrench | YER11B | YER16B | YER20B | YER25B | YER32B | YER40B |
| 冷却液套管Coolant tubes | TU-HSK63 | | | | | |
| 扳 手Coolant tube wrenches | W-HSK63 | | | | | |

+ 产品目录

ER 弹簧夹头刀柄



| 型 号
Model | 库存
Stock | | 尺 寸Size
(mm) | | | |
卡 簧
Collets |
|------------------|-------------|----------|-----------------|--------|----|-----|--------------------|
| | | | Dh | dm | D | L | |
| HSK100A-ER16-100 | ○ | HSK-A100 | 100 | 0.5~10 | 32 | 100 | ER16 |
| -160 | ○ | HSK-A100 | 100 | 0.5~10 | 32 | 160 | ER16 |
| HSK100A-ER20-100 | ○ | HSK-A100 | 100 | 1.0~13 | 34 | 100 | ER20 |
| -160 | ○ | HSK-A100 | 100 | 1.0~13 | 34 | 160 | ER20 |
| HSK100A-ER25-100 | ● | HSK-A100 | 100 | 1.0~16 | 42 | 100 | ER25 |
| -160 | ○ | HSK-A100 | 100 | 1.0~16 | 42 | 160 | ER25 |
| HSK100A-ER32-100 | ● | HSK-A100 | 100 | 2.0~20 | 50 | 100 | ER32 |
| -160 | ○ | HSK-A100 | 100 | 3.0~26 | 63 | 160 | ER32 |
| HSK100A-ER40-100 | ● | HSK-A100 | 100 | 3.0~26 | 63 | 100 | ER40 |
| -120 | ○ | HSK-A100 | 100 | 3.0~26 | 63 | 120 | ER40 |
| -160 | ○ | HSK-A100 | 100 | 3.0~26 | 63 | 160 | ER40 |

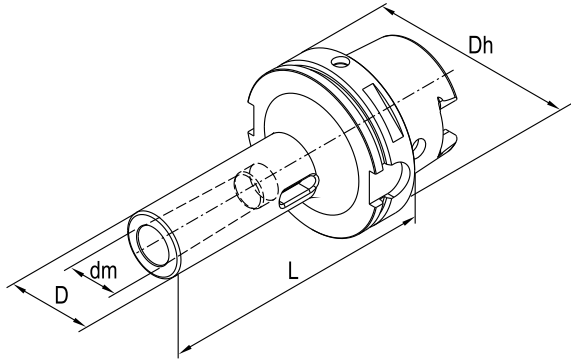
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* 交货时包括相应备件,附件需单独订货。

| 备件Spare Parts | ER16 | ER20 | ER25 | ER32 | ER40 |
|----------------------------------|--------|--------|--------|--------|--------|
| 螺 母Chuck nuts | CN16HS | CN20HS | CN25B | CN32B | CN40B |
| 中心通油螺钉 Central oil-through screw | SER16C | SER20C | SER25C | SER32C | SER40C |

| 附件Accessories | ER16 | ER20 | ER25 | ER32 | ER40 |
|--------------------------|-----------|--------|--------|--------|--------|
| 扳 手Wrench | YER16B | YER20B | YER25B | YER32B | YER40B |
| 冷却液套管Coolant tubes | TU-HSK100 | | | | |
| 扳 手Coolant tube wrenches | W-HSK100 | | | | |

有扁尾莫氏圆锥孔刀柄



| 型 号
Model | 库存
Stock | | 莫氏锥度
Morse taper | 对应安装钻头直径(mm)
Corresponding to installed
drilling bit diameter | 尺 寸Size
(mm) | | | |
|----------------|-------------|----------|---------------------|---|-----------------|----|--------|-----|
| | | | | | Dh | D | dm | L |
| HSK63A-M1-100 | ○ | HSK-A63 | MT1 | 3-14 | 63 | 25 | 12.065 | 100 |
| HSK63A-M2-120 | ○ | HSK-A63 | MT2 | 14.25-23 | 63 | 32 | 17.780 | 120 |
| HSK63A-M3-140 | ○ | HSK-A63 | MT3 | 23.25-31.75 | 63 | 40 | 23.825 | 140 |
| HSK63A-M4-160 | ○ | HSK-A63 | MT4 | 32-50.5 | 63 | 48 | 31.267 | 160 |
| | | | | | | | | |
| HSK100A-M1-110 | ○ | HSK-A100 | MT1 | 3-14 | 100 | 25 | 12.065 | 110 |
| HSK100A-M2-120 | ○ | HSK-A100 | MT2 | 14.25-23 | 100 | 32 | 17.780 | 120 |
| HSK100A-M3-150 | ○ | HSK-A100 | MT3 | 23.25-31.75 | 100 | 40 | 23.825 | 150 |
| HSK100A-M4-170 | ○ | HSK-A100 | MT4 | 32-50.5 | 100 | 48 | 31.267 | 170 |
| HSK100A-M5-200 | ○ | HSK-A100 | MT5 | 51-76 | 100 | 63 | 44.399 | 200 |

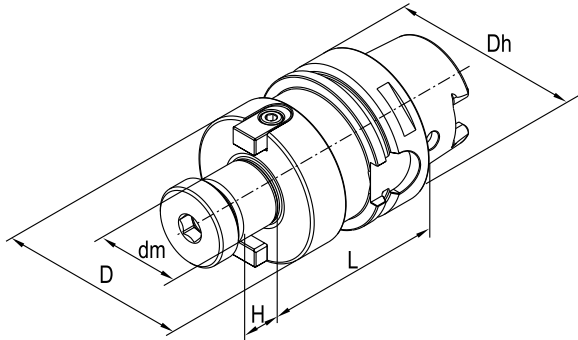
* 如需其它型式或规格的HSK类产品请与本公司联系。 ● 标准库存 ○ 订单生产

* 附件需单独订货。

| 附件Accessories | Dh=
63 | Dh=
100 |
|--------------------------|-----------|------------|
| 冷却液套管Coolant tubes | TU-HSK63 | TU-HSK100 |
| 扳 手Coolant tube wrenches | W-HSK63 | W-HSK100 |

+ 产品目录

套式立铣刀刀柄



| 型 号
Model | 库存
Stock | | 尺寸Size
(mm) | | | | |
|------------------|-------------|----------|----------------|----|----|-----|----|
| | | | Dh | dm | D | L | H |
| HSK63A-XMB16-50 | ● | HSK-A63 | 63 | 16 | 34 | 50 | 17 |
| -100 | ○ | HSK-A63 | 63 | 16 | 34 | 100 | 17 |
| HSK63A-XMB22-50 | ● | HSK-A63 | 63 | 22 | 42 | 50 | 19 |
| -100 | ○ | HSK-A63 | 63 | 22 | 42 | 100 | 19 |
| HSK63A-XMB27-60 | ● | HSK-A63 | 63 | 27 | 60 | 60 | 21 |
| -100 | ○ | HSK-A63 | 63 | 27 | 60 | 100 | 21 |
| HSK63A-XMB32-60 | ● | HSK-A63 | 63 | 32 | 78 | 60 | 24 |
| -100 | ○ | HSK-A63 | 63 | 32 | 78 | 100 | 24 |
| HSK63A-XMB40-60 | ● | HSK-A63 | 63 | 40 | 89 | 60 | 27 |
| HSK100A-XMB22-50 | ● | HSK-A100 | 100 | 22 | 42 | 50 | 19 |
| -100 | ○ | HSK-A100 | 100 | 22 | 42 | 100 | 19 |
| HSK100A-XMB27-50 | ● | HSK-A100 | 100 | 27 | 60 | 50 | 21 |
| -100 | ○ | HSK-A100 | 100 | 27 | 60 | 100 | 21 |
| HSK100A-XMB32-50 | ● | HSK-A100 | 100 | 32 | 78 | 50 | 24 |
| -100 | ○ | HSK-A100 | 100 | 32 | 78 | 100 | 24 |
| HSK100A-XMB40-60 | ● | HSK-A100 | 100 | 40 | 89 | 60 | 27 |
| -100 | ○ | HSK-A100 | 100 | 40 | 89 | 100 | 27 |

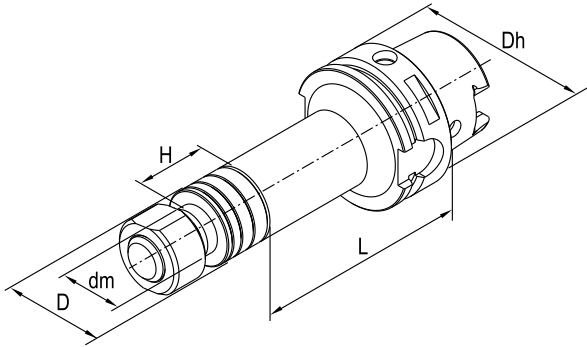
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* 需中心通油刀柄，请在订货时注明。

*交货时包括相应备件,附件需单独订货

| 备件Spare Parts | dm=
16 | dm=
22 | dm=
27 | dm=
32 | dm=
40 |
|---------------|-----------|-----------|-----------|-----------|---------------|
| 螺钉Screw | MS08030 | MS10030 | SXM27 | SXM32 | SXM40/MS12045 |
| 键Key | JC08017 | JC10021 | JC12023 | JC14020 | JC16030 |
| 螺钉Screw | MS03008 | MS04010 | MS05016 | MS06020 | MS08020 |
| 附件Accessories | dm=
16 | dm=
22 | dm=
27 | dm=
32 | dm=
40 |
| 扳 手Hex wrench | S6 | S8 | S10 | S14 | S10/S17 |

三面刃铣刀刀柄



| 型 号
Model | 库存
Stock | | 尺寸Size
(mm) | | | | |
|-----------------|-------------|----------|----------------|----|----|-----|----|
| | | | Dh | dm | D | L | H |
| HSK63A-XS13-75 | ○ | HSK-A63 | 63 | 13 | 20 | 75 | 30 |
| HSK63A-XS16-90 | ○ | HSK-A63 | 63 | 16 | 26 | 90 | 30 |
| -120 | ○ | HSK-A63 | 63 | 16 | 26 | 120 | 30 |
| HSK63A-XS22-90 | ○ | HSK-A63 | 63 | 22 | 34 | 90 | 30 |
| -135 | ○ | HSK-A63 | 63 | 22 | 34 | 135 | 30 |
| HSK63A-XS27-90 | ○ | HSK-A63 | 63 | 27 | 40 | 90 | 30 |
| -135 | ○ | HSK-A63 | 63 | 27 | 40 | 135 | 30 |
| HSK63A-XS32-90 | ○ | HSK-A63 | 63 | 32 | 46 | 90 | 30 |
| -135 | ○ | HSK-A63 | 63 | 32 | 46 | 135 | 30 |
| HSK100A-XS13-75 | ○ | HSK-A100 | 100 | 13 | 20 | 75 | 30 |
| HSK100A-XS16-90 | ○ | HSK-A100 | 100 | 16 | 26 | 90 | 30 |
| -120 | ○ | HSK-A100 | 100 | 16 | 26 | 120 | 30 |
| HSK100A-XS22-90 | ○ | HSK-A100 | 100 | 22 | 34 | 90 | 30 |
| -135 | ○ | HSK-A100 | 100 | 22 | 34 | 135 | 30 |
| HSK100A-XS27-90 | ○ | HSK-A100 | 100 | 27 | 40 | 90 | 30 |
| -135 | ○ | HSK-A100 | 100 | 27 | 40 | 135 | 30 |
| HSK100A-XS32-90 | ○ | HSK-A100 | 100 | 32 | 46 | 90 | 30 |
| -135 | ○ | HSK-A100 | 100 | 32 | 46 | 135 | 30 |
| HSK100A-XS40-90 | ○ | HSK-A100 | 100 | 40 | 55 | 90 | 30 |
| -135 | ○ | HSK-A100 | 100 | 40 | 55 | 135 | 30 |

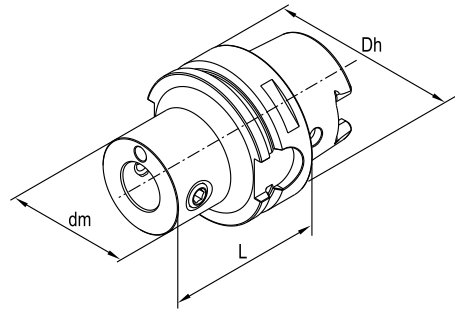
* 如需其它型式或规格的HSK类产品请与本公司联系。 ● 标准库存 ○ 订单生产

* 交货时包括相应备件。

| 备件Spare Parts | dm=
13 | dm=
16 | dm=
22 | dm=
27 | dm=
32 | dm=
40 |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 螺母Chuck nuts | NXS13 | NXS16 | NXS22 | NXS27 | NXS32 | NXS40 |
| 垫圈Washer | SD13 | SD16 | SD22 | SD27 | SD32 | SD40 |
| 键Key | - | JA04020 | JA06020 | JA07022 | JA08022 | JA010025 |

产品目录

TMG21 主柄模块



| 型 号
Model | 库存
Stock |  | 尺 寸Size
(mm) | | |
|---------------------|-------------|---|-----------------|-----|-----|
| | | | Dh | dm | L |
| 21A.HSK63A.25-50 | ● | HSK-A63 | 63 | 25 | 50 |
| 21A.HSK63A.32-55 | ● | HSK-A63 | 63 | 32 | 55 |
| 21A.HSK63A.40-60 | ● | HSK-A63 | 63 | 40 | 60 |
| 21A.HSK63A.50-70 | ● | HSK-A63 | 63 | 50 | 70 |
| 21A.HSK63A.63-80 | ● | HSK-A63 | 63 | 63 | 80 |
| 21A.HSK63A.80-100 | ○ | HSK-A63 | 63 | 100 | 100 |
| 21A.HSK100A.25-60 | ● | HSK-A100 | 100 | 25 | 60 |
| 21A.HSK100A.32-60 | ● | HSK-A100 | 100 | 32 | 60 |
| 21A.HSK100A.40-80 | ● | HSK-A100 | 100 | 40 | 80 |
| 21A.HSK100A.50-80 | ● | HSK-A100 | 100 | 50 | 80 |
| 21A.HSK100A.63-80 | ● | HSK-A100 | 100 | 63 | 80 |
| 21A.HSK100A.80-90 | ● | HSK-A100 | 100 | 80 | 90 |
| 21A.HSK100A.100-100 | ○ | HSK-A100 | 100 | 100 | 100 |

* 如需其它型式或规格的HSK类产品请与本公司联系。

* 中心通油时, 建议配用密封垫。

* 交货时包括相应备件,附件需单独订货。

● 标准库存 ○ 订单生产

| 备件Spare Parts | | dm=25 | dm=32 | dm=40 | dm=50 | dm=63 | dm=80 | dm=100 |
|---|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
|  | 外锥端螺钉 Thrust screw | 21A.25-E1 | 21A.32-E1 | 21A.40-E1 | 21A.50-E1 | 21A.63-E1 | 21A.80-E1 | 21A.100-E1 |
|  | 内锥端螺钉 Receiving screw | 21A.25-E2 | 21A.32-E2 | 21A.40-E2 | 21A.50-E2 | 21A.63-E2 | 21A.80-E2 | 21A.100-E2 |

| 附件Accessories | | dm=25 | dm=32 | dm=40 | dm=50 | dm=63 | dm=80 | dm=100 |
|---|--------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
|  | 密封垫Seal ring | 21A.25-E9 | 21A.32-E9 | 21A.40-E9 | 21A.50-E9 | 21A.63-E9 | 21A.80-E9 | 21A.100-E9 |
|  | 扳手Hex wrench | S3 | S4 | S5 | S6 | S8 | S10 | S12 |

| 附件Accessories | | Dh=63 | Dh=100 |
|---|-------------------------|----------|-----------|
|  | 冷却液套管Coolant tubes | TU-HSK63 | TU-HSK100 |
|  | 扳手Coolant tube wrenches | W-HSK63 | W-HSK100 |

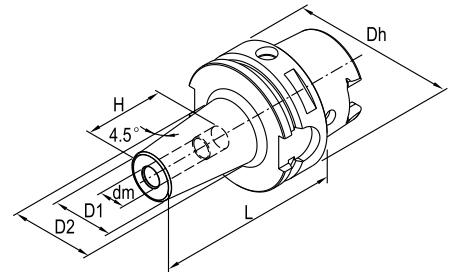
热装刀柄

柄部直径 $\leq 5\text{mm}$

柄径公差
Tolerance
h4

柄部直径 $>5\text{mm}$

柄径公差
Tolerance
h6



| 型 号
Model | 库存
Stock |  | 尺寸Size
(mm) | | | | | |
|-----------------|-------------|---|----------------|----|----|----|-----|----|
| | | | Dh | dm | D1 | D2 | L | H |
| HSK63A-SFX03-80 | ○ | HSK-A63 | 63 | 3 | 15 | 20 | 80 | 15 |
| HSK63A-SFX04-80 | ● | HSK-A63 | 63 | 4 | 15 | 20 | 80 | 15 |
| HSK63A-SFX05-80 | ○ | HSK-A63 | 63 | 5 | 15 | 20 | 80 | 15 |
| HSK63A-SFX06-80 | ○ | HSK-A63 | 63 | 6 | 20 | 27 | 80 | 35 |
| HSK63A-SF06-80 | ● | HSK-A63 | 63 | 6 | 20 | 27 | 80 | 35 |
| -120 | ○ | HSK-A63 | 63 | 6 | 20 | 27 | 120 | 35 |
| -160 | ○ | HSK-A63 | 63 | 6 | 20 | 32 | 160 | 35 |
| HSK63A-SF08-80 | ● | HSK-A63 | 63 | 8 | 20 | 27 | 80 | 35 |
| -120 | ○ | HSK-A63 | 63 | 8 | 20 | 27 | 120 | 35 |
| -160 | ○ | HSK-A63 | 63 | 8 | 20 | 32 | 160 | 35 |
| HSK63A-SF10-85 | ● | HSK-A63 | 63 | 10 | 24 | 32 | 85 | 40 |
| -120 | ○ | HSK-A63 | 63 | 10 | 24 | 32 | 120 | 40 |
| -160 | ○ | HSK-A63 | 63 | 10 | 24 | 34 | 160 | 40 |
| HSK63A-SF12-90 | ● | HSK-A63 | 63 | 12 | 24 | 32 | 90 | 45 |
| -120 | ○ | HSK-A63 | 63 | 12 | 24 | 32 | 120 | 45 |
| -160 | ○ | HSK-A63 | 63 | 12 | 24 | 34 | 160 | 45 |
| HSK63A-SF14-90 | ○ | HSK-A63 | 63 | 14 | 27 | 34 | 90 | 45 |
| -120 | ○ | HSK-A63 | 63 | 14 | 27 | 34 | 120 | 45 |
| -160 | ○ | HSK-A63 | 63 | 14 | 27 | 42 | 160 | 45 |
| HSK63A-SF16-95 | ● | HSK-A63 | 63 | 16 | 27 | 34 | 95 | 50 |
| -120 | ○ | HSK-A63 | 63 | 16 | 27 | 34 | 120 | 50 |
| -160 | ○ | HSK-A63 | 63 | 16 | 27 | 42 | 160 | 50 |
| HSK63A-SF18-95 | ○ | HSK-A63 | 63 | 18 | 33 | 42 | 95 | 50 |
| -120 | ○ | HSK-A63 | 63 | 18 | 33 | 42 | 120 | 50 |
| -160 | ○ | HSK-A63 | 63 | 18 | 33 | 51 | 160 | 50 |
| HSK63A-SF20-100 | ● | HSK-A63 | 63 | 20 | 33 | 42 | 100 | 50 |
| -120 | ○ | HSK-A63 | 63 | 20 | 33 | 42 | 120 | 50 |
| -160 | ○ | HSK-A63 | 63 | 20 | 33 | 51 | 160 | 50 |
| HSK63A-SF25-115 | ● | HSK-A63 | 63 | 25 | 44 | 53 | 115 | 55 |
| -160 | ○ | HSK-A63 | 63 | 25 | 44 | 60 | 160 | 55 |

* 如需其它型式或规格的HSK类产品请与本公司联系。

* 附件需单独订货。

●标准库存 ○订单生产

| 备件spare parts | | dm=3 | dm=4 | dm=5 | dm=6 | dm=8 | dm=10 | dm=12 | dm=14 | dm=16 | dm=18 | dm=20 | dm=25 |
|---|-------------------------------------|------|------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 中心通油螺钉
Central oil-through screw | — | — | — | S005014C | S006014C | S008014C | S008014C | S008014C | S012014C | S012014C | S016016C | S016016C |

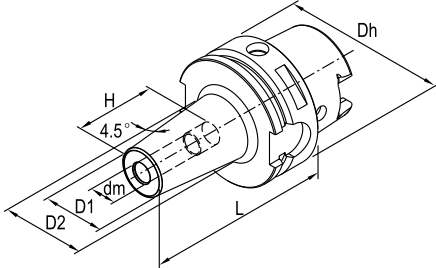
| 附件Accessories | | dm=3 | dm=4 | dm=5 | dm=6 | dm=8 | dm=10 | dm=12 | dm=14 | dm=16 | dm=18 | dm=20 | dm=25 |
|---|-------------------------|----------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
|  | 扳手Hex wrench | — | — | — | S2.5 | S3 | S4 | S4 | S4 | S6 | S8 | S8 | S8 |
|  | 冷却液套管Coolant tubes | TU-HSK63 | | | | | | | | | | | |
|  | 扳手Coolant tube wrenches | W-HSK63 | | | | | | | | | | | |

+ 产品目录

热装刀柄



柄部直径>5mm



| 型 号
Model | 库存
Stock | | 尺寸Size
(mm) | | | | | |
|------------------|-------------|----------|----------------|----|----|----|-----|----|
| | | | Dh | dm | D1 | D2 | L | H |
| HSK100A-SFX06-85 | ○ | HSK-A100 | 100 | 6 | 20 | 27 | 85 | 35 |
| HSK100A-SF06-85 | ○ | HSK-A100 | 100 | 6 | 20 | 27 | 85 | 35 |
| -120 | ○ | HSK-A100 | 100 | 6 | 20 | 27 | 120 | 35 |
| -160 | ○ | HSK-A100 | 100 | 6 | 20 | 32 | 160 | 35 |
| HSK100A-SF08-85 | ○ | HSK-A100 | 100 | 8 | 20 | 27 | 85 | 35 |
| -120 | ○ | HSK-A100 | 100 | 8 | 20 | 27 | 120 | 35 |
| -160 | ○ | HSK-A100 | 100 | 8 | 20 | 32 | 160 | 35 |
| HSK100A-SF10-90 | ○ | HSK-A100 | 100 | 10 | 24 | 32 | 90 | 40 |
| -120 | ○ | HSK-A100 | 100 | 10 | 24 | 32 | 120 | 40 |
| -160 | ○ | HSK-A100 | 100 | 10 | 24 | 34 | 160 | 40 |
| HSK100A-SF12-95 | ○ | HSK-A100 | 100 | 12 | 24 | 32 | 95 | 45 |
| -120 | ○ | HSK-A100 | 100 | 12 | 24 | 32 | 120 | 45 |
| -160 | ○ | HSK-A100 | 100 | 12 | 24 | 34 | 160 | 45 |
| HSK100A-SF14-95 | ○ | HSK-A100 | 100 | 14 | 27 | 34 | 95 | 45 |
| -120 | ○ | HSK-A100 | 100 | 14 | 27 | 34 | 120 | 45 |
| -160 | ○ | HSK-A100 | 100 | 14 | 27 | 42 | 160 | 45 |
| HSK100A-SF16-100 | ○ | HSK-A100 | 100 | 16 | 27 | 34 | 100 | 50 |
| -120 | ○ | HSK-A100 | 100 | 16 | 27 | 34 | 120 | 50 |
| -160 | ○ | HSK-A100 | 100 | 16 | 27 | 42 | 160 | 50 |
| HSK100A-SF18-100 | ○ | HSK-A100 | 100 | 18 | 33 | 42 | 100 | 50 |
| -120 | ○ | HSK-A100 | 100 | 18 | 33 | 42 | 120 | 50 |
| -160 | ○ | HSK-A100 | 100 | 18 | 33 | 51 | 160 | 50 |
| HSK100A-SF20-105 | ○ | HSK-A100 | 100 | 20 | 33 | 42 | 105 | 50 |
| -120 | ○ | HSK-A100 | 100 | 20 | 33 | 42 | 120 | 50 |
| -160 | ○ | HSK-A100 | 100 | 20 | 33 | 51 | 160 | 50 |
| HSK100A-SF25-115 | ○ | HSK-A100 | 100 | 25 | 44 | 53 | 115 | 55 |
| -160 | ○ | HSK-A100 | 100 | 25 | 44 | 60 | 160 | 55 |
| HSK100A-SF32-120 | ○ | HSK-A100 | 100 | 32 | 44 | 53 | 120 | 55 |
| -160 | ○ | HSK-A100 | 100 | 32 | 44 | 60 | 160 | 55 |

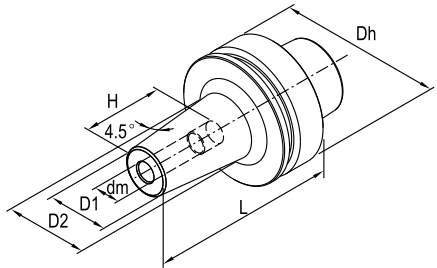
* 如需其它型式或规格的HSK类产品请与本公司联系。 ● 标准库存 ○ 订单生产
* 附件需单独订货。

| 备件spare parts | dm=6 | dm=8 | dm=10 | dm=12 | dm=14 | dm=16 | dm=18 | dm=20 | dm=25 | dm=32 |
|-------------------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 中心通油螺钉
Central oil-through screw | S005014C | S006014C | S008014C | S008014C | S008014C | S012014C | S012014C | S016016C | S016016C | S016016C |
| 附件Accessorise | dm=6 | dm=8 | dm=10 | dm=12 | dm=14 | dm=16 | dm=18 | dm=20 | dm=25 | dm=32 |
| 扳手Hex wrench | S2. 5 | S3 | S4 | S4 | S4 | S6 | S8 | S8 | S8 | S8 |
| 冷却液套管Coolant tubes | TU-HSK100 | | | | | | | | | |
| 扳手Coolant tube wrenches | W-HSK100 | | | | | | | | | |

热装刀柄



柄部直径>5mm



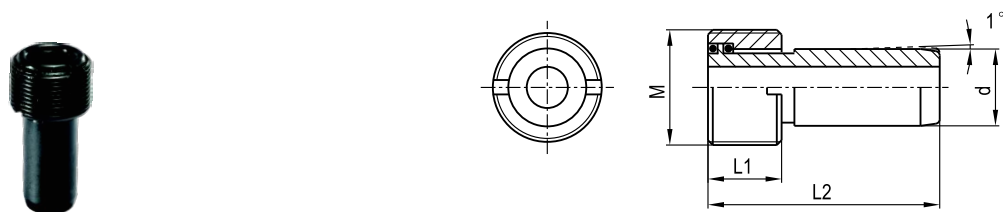
| 型 号
Model | 库存
Stock | | 尺寸Size
(mm) | | | | | |
|-----------------|-------------|---------|----------------|----|----|----|-----|----|
| | | | Dh | dm | D1 | D2 | L | H |
| DIN69893 | | | | | | | | |
| HSK63F-SFX06-80 | ○ | HSK-F63 | 63 | 6 | 20 | 27 | 80 | 35 |
| HSK63F-SF06-80 | ○ | HSK-F63 | 63 | 6 | 20 | 27 | 80 | 35 |
| -120 | ○ | HSK-F63 | 63 | 6 | 20 | 27 | 120 | 35 |
| -160 | ○ | HSK-F63 | 63 | 6 | 20 | 32 | 160 | 35 |
| HSK63F-SF08-80 | ○ | HSK-F63 | 63 | 8 | 20 | 27 | 80 | 35 |
| -120 | ○ | HSK-F63 | 63 | 8 | 20 | 27 | 120 | 35 |
| -160 | ○ | HSK-F63 | 63 | 8 | 20 | 32 | 160 | 35 |
| HSK63F-SF10-85 | ○ | HSK-F63 | 63 | 10 | 24 | 32 | 85 | 40 |
| -120 | ○ | HSK-F63 | 63 | 10 | 24 | 32 | 120 | 40 |
| -160 | ○ | HSK-F63 | 63 | 10 | 24 | 34 | 160 | 40 |
| HSK63F-SF12-90 | ○ | HSK-F63 | 63 | 12 | 24 | 32 | 90 | 45 |
| -120 | ○ | HSK-F63 | 63 | 12 | 24 | 32 | 120 | 45 |
| -160 | ○ | HSK-F63 | 63 | 12 | 24 | 34 | 160 | 45 |
| HSK63F-SF14-90 | ○ | HSK-F63 | 63 | 14 | 27 | 34 | 90 | 45 |
| -120 | ○ | HSK-F63 | 63 | 14 | 27 | 34 | 120 | 45 |
| -160 | ○ | HSK-F63 | 63 | 14 | 27 | 42 | 160 | 45 |
| HSK63F-SF16-95 | ○ | HSK-F63 | 63 | 16 | 27 | 34 | 95 | 50 |
| -120 | ○ | HSK-F63 | 63 | 16 | 27 | 34 | 120 | 50 |
| -160 | ○ | HSK-F63 | 63 | 16 | 27 | 42 | 160 | 50 |
| HSK63F-SF18-95 | ○ | HSK-F63 | 63 | 18 | 33 | 42 | 95 | 50 |
| -120 | ○ | HSK-F63 | 63 | 18 | 33 | 42 | 120 | 50 |
| -160 | ○ | HSK-F63 | 63 | 18 | 33 | 51 | 160 | 50 |
| HSK63F-SF20-100 | ○ | HSK-F63 | 63 | 20 | 33 | 42 | 100 | 50 |
| -120 | ○ | HSK-F63 | 63 | 20 | 33 | 42 | 120 | 50 |
| -160 | ○ | HSK-F63 | 63 | 20 | 33 | 51 | 160 | 50 |
| HSK63F-SF25-115 | ○ | HSK-F63 | 63 | 25 | 44 | 53 | 115 | 55 |
| -160 | ○ | HSK-F63 | 63 | 25 | 44 | 60 | 160 | 55 |

* 如需其它型式或规格的HSK类产品请与本公司联系。 ● 标准库存 ○ 订单生产

| 备件spare parts | dm=6 | dm=8 | dm=10 | dm=12 | dm=14 | dm=16 | dm=18 | dm=20 | dm=25 |
|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 中心通油螺钉
Central oil-through screw | S005014C | S006014C | S008014C | S008014C | S008014C | S012014C | S012014C | S016016C | S016016C |
| 附件Accessorise | dm=6 | dm=8 | dm=10 | dm=12 | dm=14 | dm=16 | dm=18 | dm=20 | dm=25 |
| 扳手Hex wrench | S2. 5 | S3 | S4 | S4 | S4 | S6 | S8 | S8 | S8 |

+ 产品目录

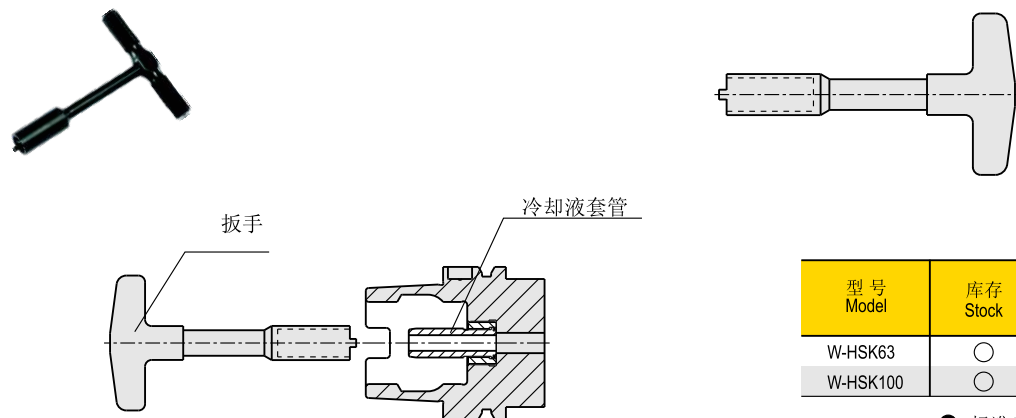
HSK冷却液套管



| 型号
Model | 库存
Stock |  | 尺寸Size
(mm) | | | |
|-------------|-------------|---|----------------|----|------|------|
| | | | M | d | L1 | L2 |
| TU-HSK63 | ● | HSK-63 | M18X1 | 12 | 11.5 | 36.6 |
| TU-HSK100 | ● | HSK-100 | M24X1.5 | 16 | 15.5 | 44.2 |

● 标准库存 ○ 订单生产

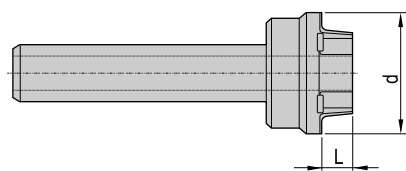
HSK冷却液套管扳手



| 型号
Model | 库存
Stock |  |
|-------------|-------------|---|
| W-HSK63 | ○ | HSK-63 |
| W-HSK100 | ○ | HSK-100 |

● 标准库存 ○ 订单生产

HSK主轴清洁棒



|  | 型号
Model | 库存
Stock | d | L |
|---|-------------|-------------|-----|----|
| HSK-63 | HSK63W | ○ | 66 | 22 |
| HSK-100 | HSK100W | ○ | 103 | 35 |

● 标准库存 ○ 订单生产

+ 拓展产品

HSK变径套



HSK砂轮轴



HSK车刀

