

# SK TOOL HOLDERS

BRIGHT-TOOLS

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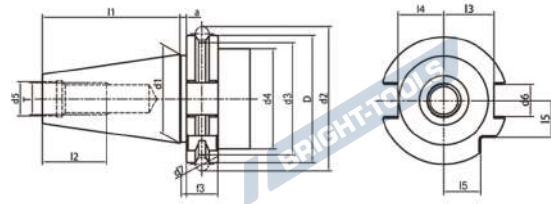
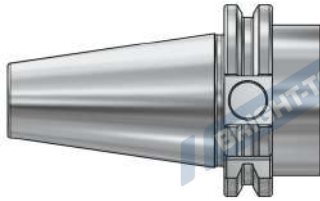
BRIGHT-TOOLS

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## SK Taper Standard

### SK 锥柄标准



| Size | D     | d1    | d2     | d3    | d4 | d5 | d6   | d7 | l1     | l2 | l3   | l4   | l5   | e1 | e2 | T   |
|------|-------|-------|--------|-------|----|----|------|----|--------|----|------|------|------|----|----|-----|
| SK30 | 50    | 31.75 | 59.3   | 44.3  | 45 | 13 | 16.1 | 7  | 47.8   | 24 | 18.8 | 16.3 | 15   | 21 | 5  | M12 |
| SK40 | 63.55 | 44.45 | 72.3   | 56.25 | 50 | 17 | 16.1 | 7  | 68.4   | 32 | 25   | 22.7 | 18.5 | 27 | 5  | M16 |
| SK50 | 97.5  | 69.85 | 107.25 | 91.25 | 80 | 25 | 25.7 | 7  | 101.75 | 47 | 37.7 | 35.5 | 30   | 42 | 7  | M24 |

**Taper standard:** DIN 69871

**Material:** Alloyed case hardened steel

**Surface Treatment:** Blackening and Bright

**Taper tolerance:** <AT3

**Hardness:** HRC 56-60

**Carbon depth:** 0.8±0.2mm

**Surface Roughness:** Ra<0.2µm

**Balancing:** G6.3/15000; G2.5/25000

**Cooling:** AD; AD/B can be made by request.

## SK TOOLING SYSTEM

### SK 工具系统目录

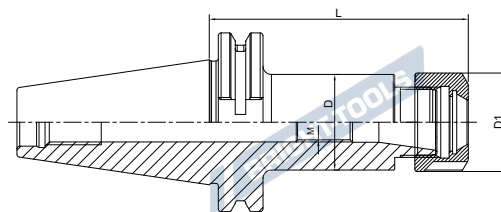
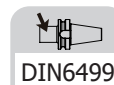
|                                        |      |
|----------------------------------------|------|
| ER Collet Chuck.....                   | E.04 |
| ER 弹簧夹头刀柄                              |      |
| ER Collet Chuck, Shrot.....            | E.08 |
| ER 弹簧夹头刀柄,超短型                          |      |
| Power Milling Chuck .....              | E.08 |
| 强力铣刀柄                                  |      |
| OZ Collet C huck.....                  | E.11 |
| OZ 夹头刀柄                                |      |
| SKS Collet Chuck.....                  | E.11 |
| SKS 高速筒夹刀柄                             |      |
| Pull Back Collet Chuck .....           | E.12 |
| DC 后拉刀柄                                |      |
| Precision Screw Collet Chuck.....      | E.13 |
| NDC后拉刀柄                                |      |
| Face Mill Holder.....                  | E.14 |
| 面铣刀柄                                   |      |
| Combi Shell Mill Holder.....           | E.17 |
| 混合插入式铣刀柄                               |      |
| End Mill Holder.....                   | E.18 |
| 侧固刀柄                                   |      |
| Morse Taper Adapter.....               | E.24 |
| 带扁尾莫氏刀柄                                |      |
| Morse Taper Adapter.....               | E.25 |
| 带螺纹孔莫氏刀柄                               |      |
| Tool Holder Adapter Sleeve .....       | E.26 |
| 转换刀柄                                   |      |
| Drill Chuck Adapter.....               | E.27 |
| 钻接杆                                    |      |
| APU Drill Chuck Holder .....           | E.27 |
| APU 钻夹头刀柄                              |      |
| Precision Drill Chuck Holder.....      | E.28 |
| 精密钻夹头刀柄                                |      |
| Quick Change Tapping Chuck.....        | E.28 |
| 弹性快换攻丝刀柄                               |      |
| Screw-in Milling Cutter Holder.....    | E.29 |
| SOM 锁牙刀柄                               |      |
| Runout Adjustable Flange Adapter ..... | E.32 |
| 可调节精度法兰刀柄                              |      |
| UM Adjustable.....                     | E.32 |
| UM调零刀柄                                 |      |
| Boring Bar Blank.....                  | E.33 |
| 基础柄                                    |      |
| Test Arbor.....                        | E.33 |
| 主轴检测棒                                  |      |
| Alignment Tool for ATC Arm .....       | E.34 |
| 调整机械用手用组合模具                            |      |



SK

## ER Collet Chuck with UM Nut

### ER 弹簧夹头刀柄


**SK**

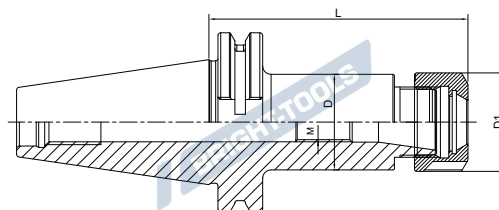
| Size            | D  | D1 | L   | M       | Capacity | RPM        |
|-----------------|----|----|-----|---------|----------|------------|
| SK30-ER16UM-70  | 28 | 32 | 70  | M10     | 1-10     | G2.5/25000 |
| SK30-ER20UM-70  | 32 | 35 | 70  | M14*1.5 | 1-13     | G2.5/25000 |
| SK30-ER25-70    | 32 | 42 | 70  | M18*1.5 | 2-16     | G2.5/25000 |
| SK30-ER32-70    | 40 | 50 | 70  | M22*1.5 | 2-20     | G2.5/25000 |
| SK30-ER40-70    | 43 | 63 | 70  | M18*1.5 | 3-26     | G2.5/25000 |
| SK30-ER16UM-100 | 28 | 32 | 100 | M10     | 1-10     | G2.5/25000 |
| SK30-ER20UM-100 | 32 | 35 | 100 | M14*1.5 | 1-13     | G2.5/25000 |
| SK30-ER25-100   | 32 | 42 | 100 | M18*1.5 | 2-16     | G2.5/25000 |
| SK30-ER32-100   | 40 | 50 | 100 | M22*1.5 | 2-20     | G2.5/25000 |
| SK40-ER16UM-63  | 28 | 32 | 63  | M10     | 1-10     | G2.5/25000 |
| SK40-ER20UM-70  | 34 | 35 | 70  | M14*1.5 | 1-13     | G2.5/25000 |
| SK40-ER25-70    | 42 | 42 | 70  | M18*1.5 | 2-16     | G2.5/25000 |
| SK40-ER32-70    | 40 | 50 | 70  | M22*1.5 | 2-20     | G2.5/25000 |
| SK40-ER40-80    | 50 | 63 | 80  | M28*1.5 | 3-26     | G2.5/25000 |
| SK40-ER16UM-100 | 28 | 32 | 100 | M10     | 1-10     | G2.5/25000 |
| SK40-ER20UM-100 | 34 | 35 | 100 | M14*1.5 | 1-13     | G2.5/25000 |
| SK40-ER25-100   | 42 | 42 | 100 | M18*1.5 | 2-16     | G2.5/25000 |
| SK40-ER32-100   | 50 | 50 | 100 | M22*1.5 | 2-20     | G2.5/25000 |
| SK40-ER40-100   | 50 | 63 | 100 | M28*1.5 | 3-26     | G2.5/25000 |
| SK40-ER40-120   | 50 | 63 | 120 | M28*1.5 | 3-26     | G2.5/25000 |
| SK40-ER16UM-160 | 28 | 32 | 160 | M10     | 1-10     | G2.5/25000 |
| SK40-ER20UM-160 | 34 | 35 | 160 | M14*1.5 | 1-13     | G2.5/25000 |
| SK40-ER25-160   | 42 | 42 | 160 | M18*1.5 | 2-16     | G2.5/25000 |
| SK40-ER32-160   | 50 | 50 | 160 | M22*1.5 | 2-20     | G2.5/25000 |
| SK40-ER40-160   | 50 | 63 | 160 | M28*1.5 | 3-26     | G2.5/25000 |
| SK40-ER16UM-200 | 28 | 32 | 200 | M10     | 1-10     | G6.3/15000 |
| SK40-ER20UM-200 | 34 | 35 | 200 | M14*1.5 | 1-13     | G6.3/15000 |
| SK40-ER25-200   | 42 | 42 | 200 | M18*1.5 | 2-16     | G6.3/15000 |
| SK40-ER32-200   | 50 | 50 | 200 | M22*1.5 | 2-20     | G6.3/15000 |
| SK40-ER40-200   | 50 | 63 | 200 | M28*1.5 | 3-26     | G6.3/15000 |

AD/B Customized

AD/B 可定制

## ER Collet Chuck with UM Nut

### ER 弹簧夹头刀柄



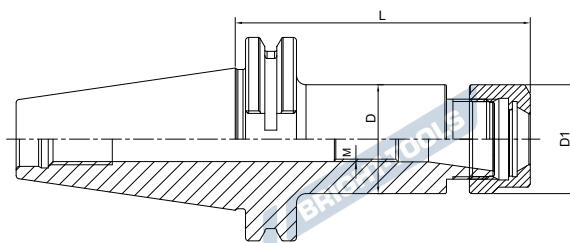
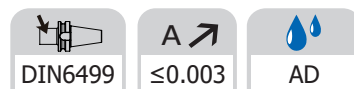
| Size            | D  | D1 | L   | M       | Capacity | RPM        |
|-----------------|----|----|-----|---------|----------|------------|
| SK50-ER16UM-70  | 28 | 32 | 70  | M10     | 1-10     | G6.3/15000 |
| SK50-ER20UM-70  | 34 | 35 | 70  | M14*1.5 | 1-13     | G6.3/15000 |
| SK50-ER25-60    | 42 | 42 | 60  | M18*1.5 | 2-16     | G6.3/15000 |
| SK50-ER32-70    | 50 | 50 | 70  | M22*1.5 | 2-20     | G6.3/15000 |
| SK50-ER40-80    | 63 | 63 | 80  | M28*1.5 | 3-26     | G6.3/15000 |
| SK50-ER50-100   | 64 | 78 | 100 | M36*1.5 | 6-34     | G6.3/15000 |
| SK50-ER16UM-100 | 28 | 32 | 100 | M10     | 1-10     | G6.3/15000 |
| SK50-ER20UM-100 | 34 | 35 | 100 | M14*1.5 | 1-13     | G6.3/15000 |
| SK50-ER25-100   | 42 | 42 | 100 | M18*1.5 | 2-16     | G6.3/15000 |
| SK50-ER32-100   | 50 | 50 | 100 | M22*1.5 | 2-20     | G6.3/15000 |
| SK50-ER40-100   | 63 | 63 | 100 | M28*1.5 | 3-26     | G6.3/15000 |
| SK50-ER16UM-160 | 28 | 32 | 160 | M10     | 1-10     | G6.3/15000 |
| SK50-ER20UM-160 | 34 | 35 | 160 | M14*1.5 | 1-13     | G6.3/15000 |
| SK50-ER25-160   | 42 | 42 | 160 | M18*1.5 | 2-16     | G6.3/15000 |
| SK50-ER32-160   | 50 | 50 | 160 | M22*1.5 | 2-20     | G6.3/15000 |
| SK50-ER40-160   | 63 | 63 | 160 | M28*1.5 | 3-26     | G6.3/15000 |
| SK50-ER16UM-200 | 28 | 32 | 200 | M10     | 1-10     | G6.3/15000 |
| SK50-ER20UM-200 | 34 | 35 | 200 | M14*1.5 | 1-13     | G6.3/15000 |
| SK50-ER25-200   | 42 | 42 | 200 | M18*1.5 | 2-16     | G6.3/15000 |
| SK50-ER32-200   | 50 | 50 | 200 | M22*1.5 | 2-20     | G6.3/15000 |
| SK50-ER40-200   | 63 | 63 | 200 | M28*1.5 | 3-26     | G6.3/15000 |
| SK60-ER32-100   | 50 | 50 | 100 | M22*1.5 | 2-20     | G6.3/15000 |
| SK60-ER40-100   | 63 | 63 | 100 | M28*1.5 | 3-26     | G6.3/15000 |
| SK60-ER50-100   | 64 | 78 | 100 | M36*1.5 | 6-34     | G6.3/15000 |
| SK60-ER32-160   | 50 | 50 | 160 | M22*1.5 | 2-20     | G6.3/15000 |
| SK60-ER40-160   | 63 | 63 | 160 | M28*1.5 | 3-26     | G6.3/15000 |
| SK60-ER50-160   | 64 | 78 | 160 | M36*1.5 | 6-34     | G6.3/15000 |

AD/B Customized

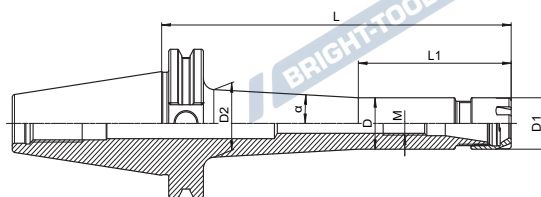
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## ER Collet Chuck with Hex Nut

### ER 弹簧夹头刀柄



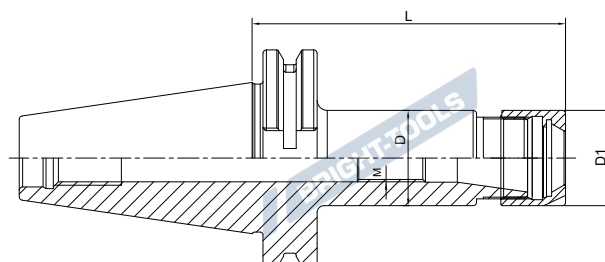
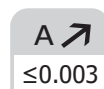
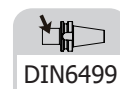
| Size          | D  | D1 | L   | M       | Capacity | RPM        |
|---------------|----|----|-----|---------|----------|------------|
| SK30-ER16-70  | 28 | 28 | 70  | M10     | 1-10     | G2.5/25000 |
| SK30-ER20-70  | 32 | 34 | 70  | M14*1.5 | 1-13     | G2.5/25000 |
| SK30-ER16-100 | 28 | 28 | 100 | M10     | 1-10     | G2.5/25000 |
| SK30-ER20-100 | 32 | 34 | 100 | M14*1.5 | 1-13     | G2.5/25000 |
| SK40-ER16-63  | 28 | 28 | 63  | M10     | 1-10     | G2.5/25000 |
| SK40-ER20-70  | 34 | 34 | 70  | M14*1.5 | 1-13     | G2.5/25000 |
| SK40-ER16-100 | 28 | 28 | 100 | M10     | 1-10     | G2.5/25000 |
| SK40-ER20-100 | 34 | 34 | 100 | M14*1.5 | 1-13     | G2.5/25000 |
| SK40-ER20-160 | 34 | 34 | 160 | M14*1.5 | 1-13     | G2.5/25000 |
| SK40-ER20-200 | 34 | 34 | 200 | M14*1.5 | 1-13     | G6.3/15000 |
| SK50-ER16-70  | 28 | 28 | 70  | M10     | 1-10     | G6.3/15000 |
| SK50-ER20-70  | 34 | 34 | 70  | M14*1.5 | 1-13     | G6.3/15000 |
| SK50-ER16-100 | 28 | 28 | 100 | M10     | 1-10     | G6.3/15000 |
| SK50-ER20-100 | 34 | 34 | 100 | M14*1.5 | 1-13     | G6.3/15000 |
| SK50-ER20-160 | 34 | 34 | 160 | M14*1.5 | 1-13     | G6.3/15000 |
| SK50-ER20-200 | 34 | 34 | 200 | M14*1.5 | 1-13     | G6.3/15000 |



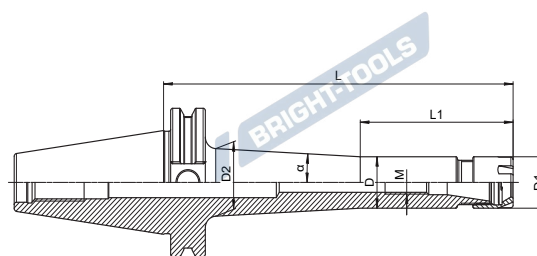
| Size            | D  | D1 | D2    | L   | L1  | α | M   | Capacity | RPM        |
|-----------------|----|----|-------|-----|-----|---|-----|----------|------------|
| SK40-ER16A-160T | 28 | 28 | 33.89 | 160 | 80  | 3 | M10 | 1-10     | G2.5/25000 |
| SK40-ER16A-200T | 28 | 28 | 35.98 | 200 | 100 | 3 | M10 | 1-10     | G2.5/25000 |
| SK50-ER16A-160T | 28 | 28 | 33.39 | 160 | 80  | 3 | M10 | 1-10     | G6.3/15000 |
| SK50-ER16A-200T | 28 | 28 | 35.5  | 200 | 100 | 3 | M10 | 1-10     | G6.3/15000 |

## ER Collet Chuck with Mini Nut

### ER 弹簧夹头刀柄



| Size           | D  | D1 | L   | M       | Capacity | RPM        |
|----------------|----|----|-----|---------|----------|------------|
| SK40-ER11M-70  | 16 | 16 | 70  | M6      | 1-7      | G2.5/25000 |
| SK40-ER16M-70  | 22 | 22 | 70  | M10     | 1-10     | G2.5/25000 |
| SK40-ER20M-70  | 28 | 28 | 70  | M14*1.5 | 1-13     | G2.5/25000 |
| SK40-ER25M-70  | 35 | 35 | 70  | M18*1.5 | 2-16     | G2.5/25000 |
| SK40-ER11M-100 | 16 | 16 | 100 | M6      | 1-7      | G2.5/25000 |
| SK40-ER16M-100 | 22 | 22 | 100 | M10     | 1-10     | G2.5/25000 |
| SK40-ER20M-100 | 28 | 28 | 100 | M14*1.5 | 1-13     | G2.5/25000 |
| SK40-ER25M-100 | 35 | 35 | 100 | M18*1.5 | 2-16     | G2.5/25000 |
| SK40-ER20M-160 | 28 | 28 | 160 | M14*1.5 | 1-13     | G2.5/25000 |
| SK40-ER25M-160 | 35 | 35 | 160 | M18*1.5 | 2-16     | G2.5/25000 |
| SK50-ER16M-70  | 22 | 22 | 70  | M10     | 1-10     | G6.3/15000 |
| SK50-ER20M-70  | 28 | 28 | 70  | M14*1.5 | 1-13     | G6.3/15000 |
| SK50-ER25M-70  | 35 | 35 | 70  | M18*1.5 | 2-16     | G6.3/15000 |
| SK50-ER16M-100 | 22 | 22 | 100 | M10     | 1-10     | G6.3/15000 |
| SK50-ER20M-100 | 28 | 28 | 100 | M14*1.5 | 1-13     | G6.3/15000 |
| SK50-ER25M-100 | 35 | 35 | 100 | M18*1.5 | 2-16     | G6.3/15000 |
| SK50-ER20M-160 | 28 | 28 | 160 | M14*1.5 | 1-13     | G6.3/15000 |



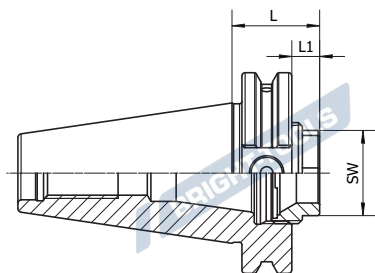
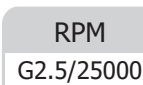
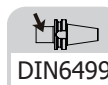
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|-----------------|----|----|-------|-----|-----|---|-----|----------|------------|
| SK40-ER11M-160T | 16 | 16 | 24.88 | 160 | 70  | 4 | M6  | 1-7      | G2.5/25000 |
| SK40-ER16M-160T | 22 | 22 | 28.94 | 160 | 70  | 3 | M10 | 1-10     | G2.5/25000 |
| SK40-ER16M-200T | 22 | 22 | 29.7  | 200 | 100 | 3 | M10 | 1-10     | G2.5/25000 |
| SK50-ER16M-160T | 22 | 22 | 28.44 | 160 | 70  | 3 | M10 | 1-10     | G6.3/15000 |
| SK50-ER16M-200T | 22 | 22 | 29    | 200 | 100 | 3 | M10 | 1-10     | G6.3/15000 |

AD/B Customized

AD/B 可定制

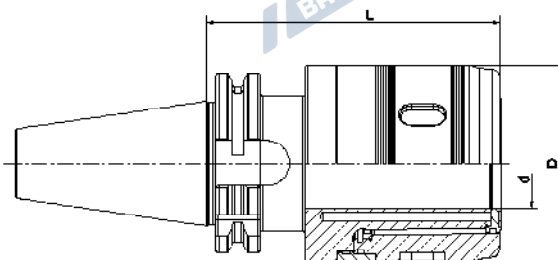


## ER Collet Chuck, Shrot ER 弹簧夹头刀柄, 超短型



| Size         | SW   | L  | L1  |
|--------------|------|----|-----|
| SK40-ER25-28 | 27.0 | 28 | 8.9 |
| SK40-ER32-28 | 34.0 | 28 | 8.9 |

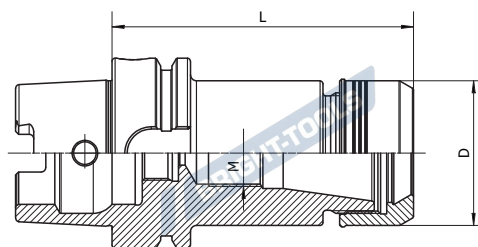
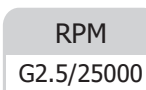
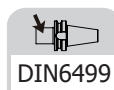
## Power Milling Chuck 强力铣刀柄



| Size          | d  | D  | L   | L1  | Capacity |
|---------------|----|----|-----|-----|----------|
| SK30-HC20-85  | 20 | 50 | 85  | 73  | 3-16; 20 |
| SK30-HC20-100 | 20 | 50 | 100 | 73  | 3-16; 20 |
| SK40-HC20-85  | 20 | 50 | 85  | 73  | 3-16; 20 |
| SK40-HC25-100 | 25 | 59 | 100 | 78  | 3-20; 25 |
| SK40-HC32-105 | 32 | 72 | 105 | 77  | 3-25; 32 |
| SK50-HC20-105 | 20 | 50 | 105 | 73  | 3-16; 20 |
| SK50-HC25-100 | 25 | 59 | 100 | 78  | 3-20; 25 |
| SK50-HC32-110 | 32 | 72 | 110 | 77  | 3-25; 32 |
| SK50-HC42-110 | 42 | 99 | 110 | 107 | 3-32; 42 |



## ER Collet Chuck with GER Nut GER 弹簧夹头刀柄

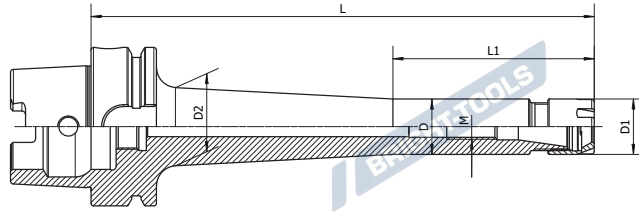
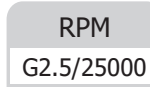


| Size              | D  | L   | M       | Capacity |
|-------------------|----|-----|---------|----------|
| HSK63A-GER16-100  | 27 | 100 | M10     | 1-10     |
| HSK63A-GER16-160  | 27 | 160 | M10     | 1-10     |
| HSK63A-GER20-100  | 30 | 100 | M14*1.5 | 1-13     |
| HSK63A-GER20-160  | 30 | 160 | M14*1.5 | 1-13     |
| HSK63A-GER25-100  | 40 | 100 | M18*1.5 | 2-16     |
| HSK63A-GER25-160  | 40 | 160 | M18*1.5 | 2-16     |
| HSK63A-GER32-100  | 48 | 100 | M22*1.5 | 2-20     |
| HSK63A-GER32-160  | 48 | 160 | M22*1.5 | 2-20     |
| HSK100A-GER16-100 | 27 | 100 | M10     | 1-10     |
| HSK100A-GER16-160 | 27 | 160 | M10     | 1-10     |
| HSK100A-GER20-100 | 30 | 100 | M14*1.5 | 1-13     |
| HSK100A-GER20-160 | 30 | 160 | M14*1.5 | 1-13     |
| HSK100A-GER25-100 | 40 | 100 | M18*1.5 | 2-16     |
| HSK100A-GER25-160 | 40 | 160 | M18*1.5 | 2-16     |
| HSK100A-GER32-100 | 48 | 100 | M14*1.5 | 2-20     |
| HSK100A-GER32-160 | 48 | 160 | M22*1.5 | 2-20     |

HSK

## ER Collet Chuck with Hex Nut

### ER 弹簧夹头刀柄



| Size               | D  | D1 | D2    | L   | L1 | α | M   | Capacity |
|--------------------|----|----|-------|-----|----|---|-----|----------|
| HSK63A-ER11M-130T  | 16 | 16 | 24.65 | 130 | 50 | 5 | M6  | 1-7      |
| HSK63A-ER11M-160T  | 16 | 16 | 25.92 | 160 | 70 | 5 | M6  | 1-7      |
| HSK63A-ER16M-130T  | 22 | 22 | 28.9  | 130 | 60 | 5 | M10 | 1-10     |
| HSK63A-ER16M-160T  | 22 | 22 | 32.4  | 160 | 70 | 5 | M10 | 1-10     |
| HSK100A-ER16M-160T | 22 | 22 | 27.93 | 160 | 65 | 3 | M10 | 1-10     |

BRIGHT-TOOLS

BRIGHT-TOOLS

BRIGHT-TOOLS

BRIGHT-TOOLS

T refers to cutter side with taper design  
T 代表刀具端锥柄设计

BRIGHT-TOOLS

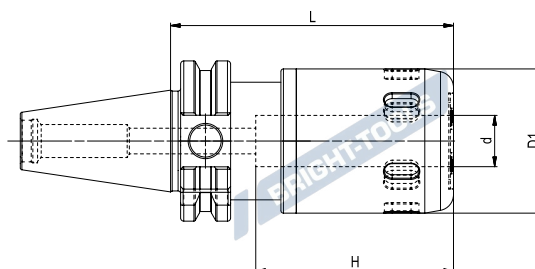
BRIGHT-TOOLS

## Power Milling Chuck 强力铣刀柄

**NEW**

A ↗  
≤0.005

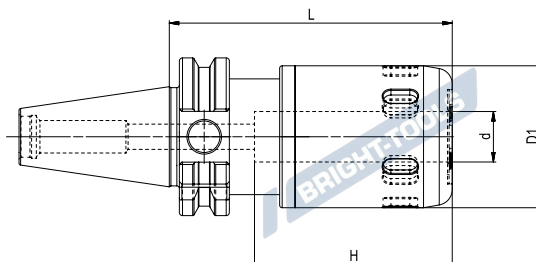
AD



| Size            | d  | D1 | L   | H   |
|-----------------|----|----|-----|-----|
| SK30-CT16SA-90  | 16 | 45 | 90  | 65  |
| SK30-CT16SA-105 | 16 | 45 | 105 | 65  |
| SK30-CT20SA-90  | 20 | 52 | 90  | 80  |
| SK30-CT20SA-105 | 20 | 52 | 105 | 80  |
| SK40-CT16SA-90  | 16 | 45 | 90  | 65  |
| SK40-CT20SA-90  | 20 | 52 | 90  | 80  |
| SK40-CT20SA-105 | 20 | 52 | 105 | 80  |
| SK40-CT20SA-120 | 20 | 52 | 120 | 80  |
| SK40-CT25SA-105 | 25 | 61 | 105 | 80  |
| SK40-CT25SA-135 | 25 | 61 | 135 | 80  |
| SK40-CT32SA-105 | 32 | 73 | 105 | 85  |
| SK40-CT32SA-120 | 32 | 73 | 120 | 85  |
| SK40-CT32SA-135 | 32 | 73 | 135 | 120 |

SK

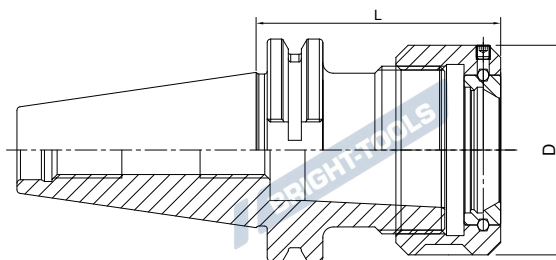
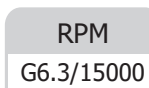
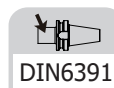
## Power Milling Chuck 强力铣刀柄

**NEW**
**A**   
 $\leq 0.005$ 
  
**AD**

**SK**

| Size             | d  | D1 | L   | H   |
|------------------|----|----|-----|-----|
| SK50-CT16SA-90   | 16 | 45 | 90  | 65  |
| SK50-CT16SA-105  | 16 | 45 | 105 | 65  |
| SK50-CT16SA-135  | 16 | 45 | 135 | 65  |
| SK50-CT20SA-90   | 20 | 52 | 90  | 80  |
| SK50-CT20SA-105  | 20 | 52 | 105 | 80  |
| SK50-CT20SA-120  | 20 | 52 | 120 | 80  |
| SK50-CT20SA-135  | 20 | 52 | 135 | 80  |
| SK50-CT20SA-165  | 20 | 52 | 165 | 80  |
| SK50-CT20SA-200  | 20 | 52 | 200 | 80  |
| SK50-CT20SA-250  | 20 | 52 | 250 | 80  |
| SK50-CT20SA-300  | 20 | 52 | 300 | 80  |
| SK50-CT25SA-105  | 25 | 61 | 105 | 80  |
| SK50-CT25SA-135  | 25 | 61 | 135 | 80  |
| SK50-CT25SA-165  | 25 | 61 | 165 | 80  |
| SK50-CT25SA-200  | 25 | 61 | 200 | 80  |
| SK50-CT25SA-250  | 25 | 61 | 250 | 80  |
| SK50-CT25SA-300  | 25 | 61 | 300 | 80  |
| SK50-CT32SA-95   | 32 | 73 | 95  | 120 |
| SK50-CT32SA -105 | 32 | 73 | 105 | 120 |
| SK50-CT32SA-120  | 32 | 73 | 120 | 120 |
| SK50-CT32SA-135  | 32 | 73 | 135 | 120 |
| SK50-CT32SA-150  | 32 | 73 | 150 | 120 |
| SK50-CT32SA-165  | 32 | 73 | 165 | 120 |
| SK50-CT32SA-200  | 32 | 73 | 200 | 120 |
| SK50-CT32SA-250  | 32 | 73 | 250 | 120 |
| SK50-CT32SA-300  | 32 | 73 | 300 | 120 |

## OZ Collet Chuck

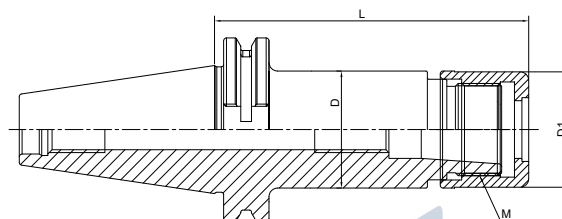
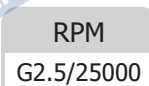
### OZ 夹头刀柄



| Size          | D  | L   | Capacity |
|---------------|----|-----|----------|
| SK40-OZ16-70  | 43 | 70  | 2-16     |
| SK40-OZ25-70  | 60 | 70  | 2-25     |
| SK40-OZ32-90  | 72 | 90  | 4-32     |
| SK40-OZ16-100 | 43 | 100 | 2-16     |
| SK40-OZ25-100 | 60 | 100 | 2-25     |
| SK50-OZ25-70  | 60 | 70  | 2-25     |
| SK50-OZ32-80  | 72 | 80  | 4-32     |

## High Speed SKS Collet Chuck

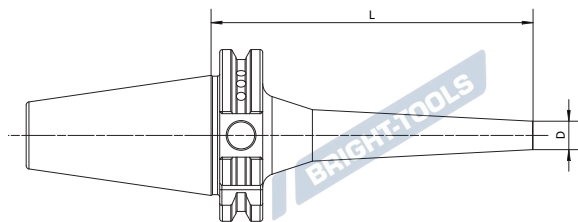
### SKS 高速筒夹刀柄



| Size           | D    | D1 | L   | Capacity | M       |
|----------------|------|----|-----|----------|---------|
| SK40-SKS10-60  | 27.5 | 27 | 60  | 2-10     | M21.5*1 |
| SK40-SKS16-60  | 40.6 | 40 | 60  | 3-16     | M32*1.5 |
| SK40-SKS10-90  | 27.5 | 27 | 90  | 2-10     | M21.5*1 |
| SK40-SKS16-90  | 40.6 | 40 | 90  | 3-16     | M32*1.5 |
| SK40-SKS10-120 | 27.5 | 27 | 120 | 2-10     | M21.5*1 |
| SK40-SKS16-120 | 40.6 | 40 | 120 | 3-16     | M32*1.5 |
| SK50-SKS10-105 | 27.5 | 27 | 105 | 2-10     | M21.5*1 |
| SK50-SKS16-105 | 40.6 | 40 | 105 | 3-16     | M32*1.5 |
| SK50-SKS10-135 | 27.5 | 27 | 135 | 2-10     | M21.5*1 |
| SK50-SKS16-135 | 40.6 | 40 | 135 | 3-16     | M32*1.5 |
| SK50-SKS10-165 | 27.5 | 27 | 165 | 2-10     | M21.5*1 |
| SK50-SKS16-165 | 40.6 | 40 | 165 | 3-16     | M32*1.5 |

## Pull Back Collet Chuck DC 后拉刀柄

|               |                   |    |
|---------------|-------------------|----|
| A ↗<br>≤0.003 | RPM<br>G2.5/25000 | AD |
|---------------|-------------------|----|


**SK**

| Size          | D  | L   | Capacity |
|---------------|----|-----|----------|
| SK30-DC06-60  | 14 | 60  | 1-6      |
| SK30-DC06-90  | 14 | 90  | 1-6      |
| SK30-DC06-120 | 14 | 120 | 1-6      |
| SK30-DC08-60  | 22 | 60  | 1-10     |
| SK30-DC08-90  | 22 | 90  | 1-10     |
| SK30-DC08-120 | 22 | 120 | 1-10     |
| SK30-DC12-80  | 32 | 80  | 1-12     |
| SK40-DC06-60  | 14 | 60  | 1-6      |
| SK40-DC06-90  | 14 | 90  | 1-6      |
| SK40-DC06-120 | 14 | 120 | 1-6      |
| SK40-DC06-150 | 14 | 150 | 1-6      |
| SK40-DC08-60  | 22 | 60  | 1-10     |
| SK40-DC08-90  | 22 | 90  | 1-10     |
| SK40-DC08-120 | 22 | 120 | 1-10     |
| SK40-DC08-150 | 22 | 150 | 1-10     |
| SK40-DC08-200 | 22 | 200 | 1-10     |
| SK40-DC12-90  | 32 | 90  | 1-12     |
| SK40-DC12-120 | 32 | 120 | 1-12     |
| SK40-DC12-150 | 32 | 150 | 1-12     |
| SK40-DC12-200 | 32 | 200 | 1-12     |
| SK50-DC06-110 | 14 | 110 | 1-6      |
| SK50-DC06-150 | 14 | 150 | 1-6      |
| SK50-DC08-110 | 22 | 110 | 1-10     |
| SK50-DC08-150 | 22 | 150 | 1-10     |
| SK50-DC08-200 | 22 | 200 | 1-10     |
| SK50-DC12-120 | 32 | 120 | 1-12     |
| SK50-DC12-150 | 32 | 150 | 1-12     |
| SK50-DC12-200 | 32 | 200 | 1-12     |

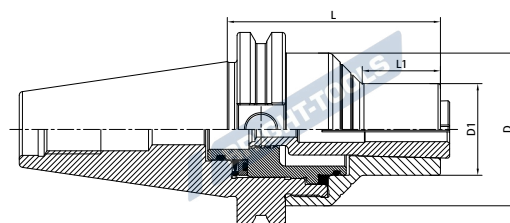
## Precision Screw Collet Chuck

### NDC 后拉刀柄

A ↗  
≤0.003

RPM  
G2.5/25000

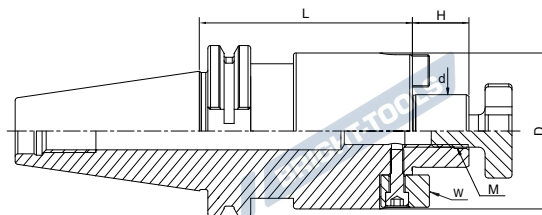
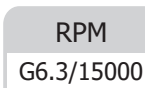
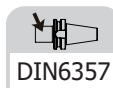
AD



| Size           | D  | D1 | L   | L1    |
|----------------|----|----|-----|-------|
| SK40-NDC14-70  | 50 | 30 | 70  | 26    |
| SK40-NDC14-115 | 50 | 30 | 115 | 63.7  |
| SK40-NDC14-145 | 50 | 30 | 145 | 91    |
| SK40-NDC20-70  | 50 | 40 | 70  | 31    |
| SK40-NDC20-115 | 50 | 40 | 115 | 69.7  |
| SK40-NDC20-145 | 50 | 40 | 145 | 102.3 |
|                |    |    |     |       |
| SK50-NDC14-110 | 53 | 30 | 110 | 21.5  |
| SK50-NDC20-110 | 53 | 40 | 110 | 26.5  |
| SK50-NDC20-155 | 53 | 40 | 155 | 66.7  |
| SK50-NDC32-150 | 63 | 63 | 150 | 118   |



## Face Mill Holder 面铣刀柄


**SK**

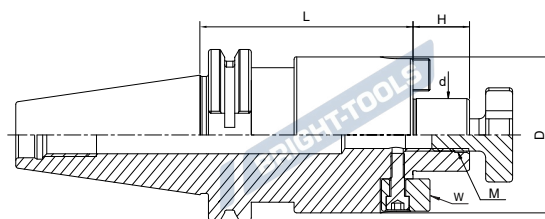
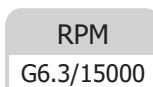
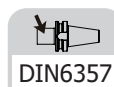
| Size           | d  | D  | L   | H  | M   | W  |
|----------------|----|----|-----|----|-----|----|
| SK30-FMB16-40  | 16 | 38 | 40  | 17 | M8  | 8  |
| SK30-FMB22-40  | 22 | 48 | 40  | 19 | M10 | 10 |
| SK30-FMB27-50  | 27 | 58 | 50  | 21 | M12 | 12 |
| SK30-FMB32-50  | 32 | 78 | 50  | 24 | M16 | 14 |
| SK40-FMB16-35  | 16 | 38 | 35  | 17 | M8  | 8  |
| SK40-FMB22-35  | 22 | 48 | 35  | 19 | M10 | 10 |
| SK40-FMB27-40  | 27 | 58 | 40  | 21 | M12 | 12 |
| SK40-FMB32-50  | 32 | 78 | 50  | 24 | M16 | 14 |
| SK40-FMB16-100 | 16 | 38 | 100 | 17 | M8  | 8  |
| SK40-FMB22-100 | 22 | 48 | 100 | 19 | M10 | 10 |
| SK40-FMB27-100 | 27 | 58 | 100 | 21 | M12 | 12 |
| SK40-FMB32-100 | 32 | 78 | 100 | 24 | M16 | 14 |
| SK40-FMB16-160 | 16 | 38 | 160 | 17 | M8  | 8  |
| SK40-FMB22-160 | 22 | 48 | 160 | 19 | M10 | 10 |
| SK40-FMB27-160 | 27 | 58 | 160 | 21 | M12 | 12 |
| SK40-FMB32-160 | 32 | 78 | 160 | 24 | M16 | 14 |
| SK40-FMB16-200 | 16 | 38 | 200 | 17 | M8  | 8  |
| SK40-FMB22-200 | 22 | 48 | 200 | 19 | M10 | 10 |
| SK40-FMB27-200 | 27 | 58 | 200 | 21 | M12 | 12 |
| SK40-FMB32-200 | 32 | 78 | 200 | 24 | M16 | 14 |
| SK40-FMB22-250 | 22 | 48 | 250 | 19 | M10 | 10 |
| SK40-FMB27-250 | 27 | 58 | 250 | 21 | M12 | 12 |
| SK40-FMB32-250 | 32 | 78 | 250 | 24 | M16 | 14 |
| SK40-FMB22-300 | 22 | 48 | 300 | 19 | M10 | 10 |
| SK40-FMB27-300 | 27 | 58 | 300 | 21 | M12 | 12 |
| SK40-FMB32-300 | 32 | 78 | 300 | 24 | M16 | 14 |

AD/B Customized

AD/B 可定制

## Face Mill Holder

### 面铣刀柄

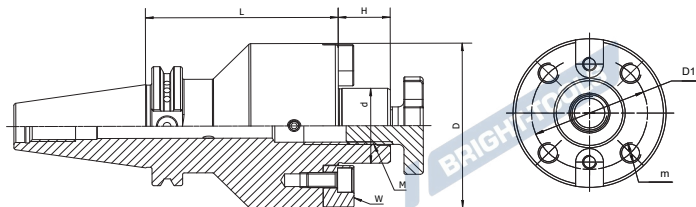
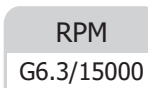
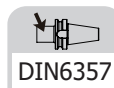


| Size           | d  | D  | L   | H  | M   | W  |
|----------------|----|----|-----|----|-----|----|
| SK50-FMB16-35  | 16 | 38 | 35  | 17 | M8  | 8  |
| SK50-FMB22-35  | 22 | 48 | 35  | 19 | M10 | 10 |
| SK50-FMB27-40  | 27 | 58 | 40  | 21 | M12 | 12 |
| SK50-FMB32-50  | 32 | 78 | 50  | 24 | M16 | 14 |
| SK50-FMB16-100 | 16 | 38 | 100 | 17 | M8  | 8  |
| SK50-FMB22-100 | 22 | 48 | 100 | 19 | M10 | 10 |
| SK50-FMB27-100 | 27 | 58 | 100 | 21 | M12 | 12 |
| SK50-FMB32-100 | 32 | 78 | 100 | 24 | M16 | 14 |
| SK50-FMB16-160 | 16 | 38 | 160 | 17 | M8  | 8  |
| SK50-FMB22-160 | 22 | 48 | 160 | 19 | M10 | 10 |
| SK50-FMB27-160 | 27 | 58 | 160 | 21 | M12 | 12 |
| SK50-FMB32-160 | 32 | 78 | 160 | 24 | M16 | 14 |
| SK50-FMB16-200 | 16 | 38 | 200 | 17 | M8  | 8  |
| SK50-FMB22-200 | 22 | 48 | 200 | 19 | M10 | 10 |
| SK50-FMB27-200 | 27 | 58 | 200 | 21 | M12 | 12 |
| SK50-FMB32-200 | 32 | 78 | 200 | 24 | M16 | 14 |
| SK50-FMB22-250 | 22 | 48 | 250 | 19 | M10 | 10 |
| SK50-FMB27-250 | 27 | 58 | 250 | 21 | M12 | 12 |
| SK50-FMB32-250 | 32 | 78 | 250 | 24 | M16 | 14 |
| SK50-FMB22-300 | 22 | 48 | 300 | 19 | M10 | 10 |
| SK50-FMB27-300 | 27 | 58 | 300 | 21 | M12 | 12 |
| SK50-FMB32-300 | 32 | 78 | 300 | 24 | M16 | 14 |
| SK60-FMB22-100 | 22 | 48 | 100 | 19 | M10 | 10 |
| SK60-FMB27-100 | 27 | 58 | 100 | 21 | M12 | 12 |
| SK60-FMB32-100 | 32 | 78 | 100 | 24 | M16 | 14 |
| SK60-FMB22-150 | 22 | 48 | 150 | 19 | M10 | 10 |

AD/B Customized

AD/B 可定制

## Face Mill Holder 面铣刀柄



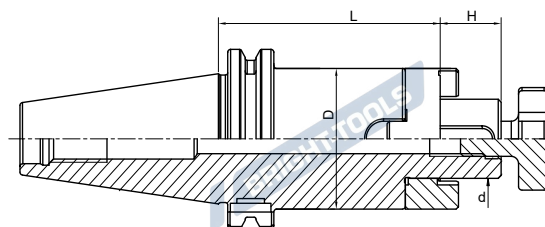
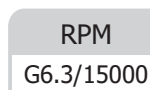
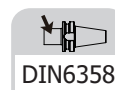
| Size           | d  | D   | D1    | L   | H  | M   | W    | m   |
|----------------|----|-----|-------|-----|----|-----|------|-----|
| SK40-FMB40-50  | 40 | 88  | 66.7  | 50  | 27 | M20 | 16   | M12 |
| SK40-FMB40-100 | 40 | 88  | 66.7  | 100 | 27 | M20 | 16   | M12 |
| SK40-FMB40-160 | 40 | 88  | 66.7  | 160 | 27 | M20 | 16   | M12 |
| SK40-FMB40-200 | 40 | 88  | 66.7  | 200 | 27 | M20 | 16   | M12 |
| SK40-FMB40-250 | 40 | 88  | 66.7  | 250 | 27 | M20 | 16   | M12 |
| SK40-FMB40-300 | 40 | 88  | 66.7  | 300 | 27 | M20 | 16   | M12 |
| SK50-FMB40-50  | 40 | 88  | 66.7  | 50  | 27 | M20 | 16   | M12 |
| SK50-FMB40-100 | 40 | 88  | 66.7  | 100 | 27 | M20 | 16   | M12 |
| SK50-FMB40-160 | 40 | 88  | 66.7  | 160 | 27 | M20 | 16   | M12 |
| SK50-FMB40-200 | 40 | 88  | 66.7  | 200 | 27 | M20 | 16   | M12 |
| SK50-FMB40-250 | 40 | 88  | 66.7  | 250 | 27 | M20 | 16   | M12 |
| SK50-FMB40-300 | 40 | 88  | 66.7  | 300 | 27 | M20 | 16   | M12 |
| SK60-FMB40-100 | 40 | 88  | 66.7  | 100 | 27 | M20 | 16   | M12 |
| SK60-FMB60-75  | 60 | 129 | 101.6 | 75  | 27 | M30 | 25.4 | M16 |

AD/B Customized

AD/B 可定制

## Combi Shell Mill Holder

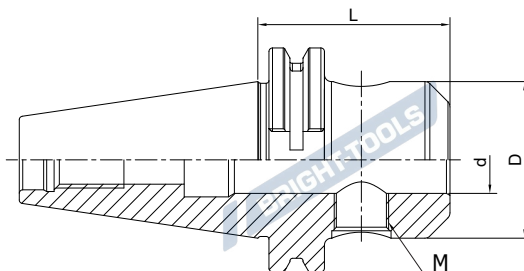
### 混合插入式铣刀柄



| Size            | d  | D  | H  | L   |
|-----------------|----|----|----|-----|
| SK30-SEMC16-50  | 16 | 32 | 17 | 50  |
| SK30-SEMC22-50  | 22 | 40 | 19 | 50  |
| SK30-SEMC27-55  | 27 | 48 | 21 | 55  |
| SK30-SEMC32-60  | 32 | 58 | 24 | 60  |
| SK40-SEMC16-55  | 16 | 32 | 17 | 55  |
| SK40-SEMC22-55  | 22 | 40 | 19 | 55  |
| SK40-SEMC27-55  | 27 | 48 | 21 | 55  |
| SK40-SEMC32-55  | 32 | 58 | 24 | 55  |
| SK40-SEMC40-60  | 40 | 70 | 27 | 60  |
| SK40-SEMC16-100 | 16 | 32 | 17 | 100 |
| SK40-SEMC22-100 | 22 | 40 | 19 | 100 |
| SK40-SEMC27-100 | 27 | 48 | 21 | 100 |
| SK40-SEMC32-100 | 32 | 58 | 24 | 100 |
| SK40-SEMC40-100 | 40 | 70 | 27 | 100 |
| SK40-SEMC16-160 | 16 | 32 | 17 | 160 |
| SK40-SEMC22-160 | 22 | 40 | 19 | 160 |
| SK40-SEMC27-160 | 27 | 48 | 21 | 160 |
| SK40-SEMC32-160 | 32 | 58 | 24 | 160 |
| SK40-SEMC40-160 | 40 | 70 | 27 | 160 |
| SK50-SEMC16-55  | 16 | 32 | 17 | 55  |
| SK50-SEMC22-55  | 22 | 40 | 19 | 55  |
| SK50-SEMC27-55  | 27 | 48 | 21 | 55  |
| SK50-SEMC32-60  | 32 | 58 | 24 | 60  |
| SK50-SEMC40-55  | 40 | 70 | 27 | 60  |
| SK50-SEMC16-100 | 16 | 32 | 17 | 100 |
| SK50-SEMC22-100 | 22 | 40 | 19 | 100 |
| SK50-SEMC27-100 | 27 | 48 | 21 | 100 |
| SK50-SEMC32-100 | 32 | 58 | 24 | 100 |
| SK50-SEMC40-100 | 40 | 70 | 27 | 100 |
| SK50-SEMC16-160 | 16 | 32 | 17 | 160 |
| SK50-SEMC22-160 | 22 | 40 | 19 | 160 |
| SK50-SEMC27-160 | 27 | 48 | 21 | 160 |
| SK50-SEMC32-160 | 32 | 58 | 24 | 160 |
| SK50-SEMC40-160 | 40 | 70 | 27 | 160 |

## End Mill Holder Weldon 侧固刀柄

|                                                                                                    |                                                                                                       |                                                                                                          |                                                                                           |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <br>DIN6359/1835B | <br>A $\leq 0.005$ | <br>RPM<br>G6.3/15000 | <br>AD |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|


**SK**

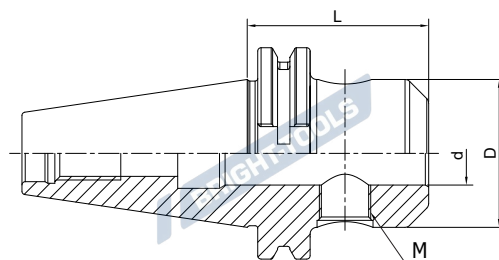
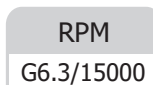
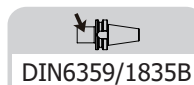
| Size           | d  | D  | L   | M     | Screw Quantity |
|----------------|----|----|-----|-------|----------------|
| SK30-SLA06-50  | 6  | 25 | 50  | M6    | 1              |
| SK30-SLA08-50  | 8  | 28 | 50  | M8    | 1              |
| SK30-SLA10-50  | 10 | 35 | 50  | M10   | 1              |
| SK30-SLA12-50  | 12 | 42 | 50  | M12   | 1              |
| SK30-SLA14-63  | 14 | 44 | 63  | M12   | 1              |
| SK30-SLA16-63  | 16 | 48 | 63  | M14   | 1              |
| SK30-SLA18-63  | 18 | 50 | 63  | M14   | 1              |
| SK30-SLA20-70  | 20 | 52 | 70  | M16   | 1              |
|                |    |    |     |       |                |
| SK40-SLA06-50  | 6  | 25 | 50  | M6    | 1              |
| SK40-SLA08-50  | 8  | 28 | 50  | M8    | 1              |
| SK40-SLA10-50  | 10 | 35 | 50  | M10   | 1              |
| SK40-SLA12-50  | 12 | 42 | 50  | M12   | 1              |
| SK40-SLA14-50  | 14 | 44 | 50  | M12   | 1              |
| SK40-SLA16-63  | 16 | 48 | 63  | M14   | 1              |
| SK40-SLA18-63  | 18 | 50 | 63  | M14   | 1              |
| SK40-SLA20-63  | 20 | 52 | 63  | M16   | 1              |
| SK40-SLA25-100 | 25 | 65 | 100 | M18*2 | 2              |
| SK40-SLA32-100 | 32 | 72 | 100 | M20*2 | 2              |
| SK40-SLA40-120 | 40 | 80 | 120 | M20*2 | 2              |
|                |    |    |     |       |                |
| SK40-SLA06-100 | 6  | 25 | 100 | M6    | 1              |
| SK40-SLA08-100 | 8  | 28 | 100 | M8    | 1              |
| SK40-SLA10-100 | 10 | 35 | 100 | M10   | 1              |
| SK40-SLA12-100 | 12 | 42 | 100 | M12   | 1              |
| SK40-SLA14-100 | 14 | 44 | 100 | M12   | 1              |
| SK40-SLA16-100 | 16 | 48 | 100 | M14   | 1              |
| SK40-SLA18-100 | 18 | 50 | 100 | M14   | 1              |
| SK40-SLA20-100 | 20 | 52 | 100 | M16   | 1              |

AD/B Customized

AD/B 可定制

## End Mill Holder Weldon

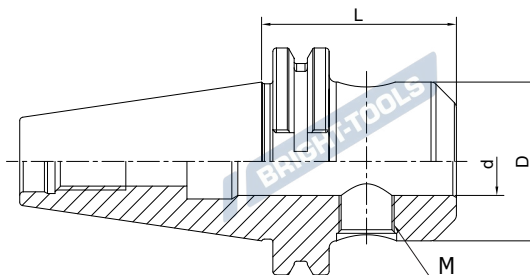
### 侧固刀柄



| Size           | d  | D   | L   | M     | Screw Quantity |
|----------------|----|-----|-----|-------|----------------|
| SK40-SLA06-160 | 6  | 25  | 160 | M6    | 1              |
| SK40-SLA08-160 | 8  | 28  | 160 | M8    | 1              |
| SK40-SLA10-160 | 10 | 35  | 160 | M10   | 1              |
| SK40-SLA12-160 | 12 | 42  | 160 | M12   | 1              |
| SK40-SLA14-160 | 14 | 44  | 160 | M12   | 1              |
| SK40-SLA16-160 | 16 | 48  | 160 | M14   | 1              |
| SK40-SLA18-160 | 18 | 50  | 160 | M14   | 1              |
| SK40-SLA20-160 | 20 | 52  | 160 | M16   | 1              |
| SK40-SLA25-160 | 25 | 65  | 160 | M18*2 | 2              |
| SK40-SLA32-160 | 32 | 72  | 160 | M20*2 | 2              |
| SK40-SLA40-160 | 40 | 80  | 160 | M20*2 | 2              |
|                |    |     |     |       |                |
| SK50-SLA06-63  | 6  | 25  | 63  | M6    | 1              |
| SK50-SLA08-63  | 8  | 28  | 63  | M8    | 1              |
| SK50-SLA10-63  | 10 | 35  | 63  | M10   | 1              |
| SK50-SLA12-63  | 12 | 42  | 63  | M12   | 1              |
| SK50-SLA14-63  | 14 | 44  | 63  | M12   | 1              |
| SK50-SLA16-63  | 16 | 48  | 63  | M14   | 1              |
| SK50-SLA18-63  | 18 | 50  | 63  | M14   | 1              |
| SK50-SLA20-63  | 20 | 52  | 63  | M16   | 1              |
| SK50-SLA25-80  | 25 | 65  | 80  | M18*2 | 2              |
| SK50-SLA32-100 | 32 | 72  | 100 | M20*2 | 2              |
| SK50-SLA40-100 | 40 | 80  | 100 | M20*2 | 2              |
| SK50-SLA50-120 | 50 | 100 | 120 | M24*2 | 2              |
|                |    |     |     |       |                |
| SK50-SLA06-100 | 6  | 25  | 100 | M6    | 1              |
| SK50-SLA08-100 | 8  | 28  | 100 | M8    | 1              |
| SK50-SLA10-100 | 10 | 35  | 100 | M10   | 1              |
| SK50-SLA12-100 | 12 | 42  | 100 | M12   | 1              |
| SK50-SLA14-100 | 14 | 44  | 100 | M12   | 1              |
| SK50-SLA16-100 | 16 | 48  | 100 | M14   | 1              |
| SK50-SLA18-100 | 18 | 50  | 100 | M14   | 1              |
| SK50-SLA20-100 | 20 | 52  | 100 | M16   | 1              |
| SK50-SLA25-120 | 25 | 65  | 120 | M18*2 | 2              |

## End Mill Holder Weldon 侧固刀柄

|                                                                                                    |                                                                                                 |                                                                                                       |                                                                                           |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <br>DIN6359/1835B | <br>A ≤0.005 | <br>RPM G6.3/15000 | <br>AD |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|



| Size           | d  | D   | L   | M     | Screw Quantity |
|----------------|----|-----|-----|-------|----------------|
| SK50-SLA06-160 | 6  | 25  | 160 | M6    | 1              |
| SK50-SLA08-160 | 8  | 28  | 160 | M8    | 1              |
| SK50-SLA10-160 | 10 | 35  | 160 | M10   | 1              |
| SK50-SLA12-160 | 12 | 42  | 160 | M12   | 1              |
| SK50-SLA14-160 | 14 | 44  | 160 | M12   | 1              |
| SK50-SLA16-160 | 16 | 48  | 160 | M14   | 1              |
| SK50-SLA18-160 | 18 | 50  | 160 | M14   | 1              |
| SK50-SLA20-160 | 20 | 52  | 160 | M16   | 1              |
| SK50-SLA25-160 | 25 | 65  | 160 | M18*2 | 2              |
| SK50-SLA32-160 | 32 | 72  | 160 | M20*2 | 2              |
| SK50-SLA40-160 | 40 | 80  | 160 | M20*2 | 2              |
| SK60-SLA20-100 | 20 | 52  | 100 | M16   | 1              |
| SK60-SLA25-100 | 25 | 65  | 100 | M18*2 | 2              |
| SK60-SLA32-100 | 32 | 72  | 100 | M20*2 | 2              |
| SK60-SLA40-100 | 40 | 80  | 100 | M20*2 | 2              |
| SK60-SLA50-120 | 50 | 100 | 120 | M24*2 | 2              |

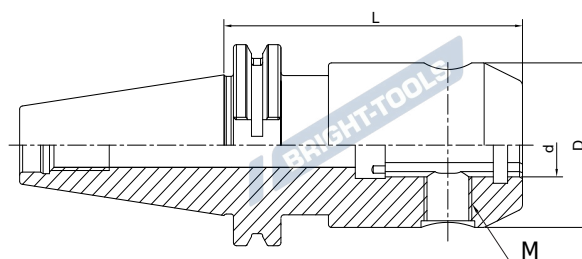
AD/B Customized

AD/B 可定制



## End Mill Holder with Coolant Channels 侧固刀柄，端面出水型

|                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| DIN6359/1835B                                                                     | ≤0.005                                                                              | G6.3/15000                                                                          | AD                                                                                  |



| Size            | d  | D  | L   | M     | Screw Quantity |
|-----------------|----|----|-----|-------|----------------|
| SK40-SLA06-50K  | 6  | 25 | 50  | M6    | 1              |
| SK40-SLA08-50K  | 8  | 28 | 50  | M8    | 1              |
| SK40-SLA10-50K  | 10 | 35 | 50  | M10   | 1              |
| SK40-SLA12-50K  | 12 | 42 | 50  | M12   | 1              |
| SK40-SLA14-50K  | 14 | 44 | 50  | M12   | 1              |
| SK40-SLA16-63K  | 16 | 48 | 63  | M14   | 1              |
| SK40-SLA18-63K  | 18 | 50 | 63  | M14   | 1              |
| SK40-SLA20-63K  | 20 | 52 | 63  | M16   | 1              |
| SK40-SLA25-100K | 25 | 65 | 100 | M18*2 | 2              |
| SK40-SLA32-100K | 32 | 72 | 100 | M20*2 | 2              |
| SK40-SLA40-120K | 40 | 80 | 120 | M20*2 | 2              |
|                 |    |    |     |       |                |
| SK40-SLA06-100K | 6  | 25 | 100 | M6    | 1              |
| SK40-SLA08-100K | 8  | 28 | 100 | M8    | 1              |
| SK40-SLA10-100K | 10 | 35 | 100 | M10   | 1              |
| SK40-SLA12-100K | 12 | 42 | 100 | M12   | 1              |
| SK40-SLA14-100K | 14 | 44 | 100 | M12   | 1              |
| SK40-SLA16-100K | 16 | 48 | 100 | M14   | 1              |
| SK40-SLA18-100K | 18 | 50 | 100 | M14   | 1              |
| SK40-SLA20-100K | 20 | 52 | 100 | M16   | 1              |

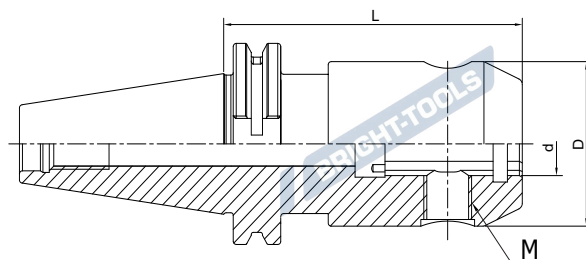
AD/B Customized

AD/B 可定制

## End Mill Holder with Coolant Channels

### 侧固刀柄，端面出水型

|                                                                                                    |                                                                                                 |                                                                                                          |                                                                                           |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <br>DIN6359/1835B | <br>A ≤0.005 | <br>RPM<br>G6.3/15000 | <br>AD |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|



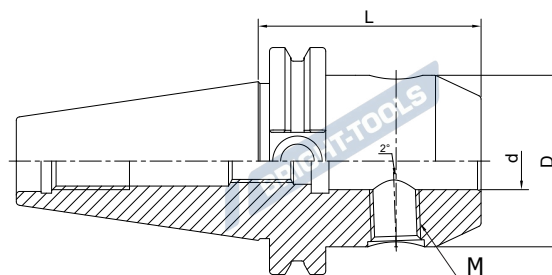
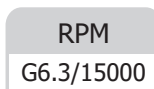
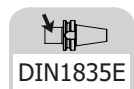
| Size            | d  | D  | L   | M     | Screw Quantity |
|-----------------|----|----|-----|-------|----------------|
| SK50-SLA06-63K  | 6  | 25 | 63  | M6    | 1              |
| SK50-SLA08-63K  | 8  | 28 | 63  | M8    | 1              |
| SK50-SLA10-63K  | 10 | 35 | 63  | M10   | 1              |
| SK50-SLA12-63K  | 12 | 42 | 63  | M12   | 1              |
| SK50-SLA16-63K  | 16 | 48 | 63  | M14   | 1              |
| SK50-SLA18-63K  | 18 | 50 | 63  | M14   | 1              |
| SK50-SLA20-63K  | 20 | 52 | 63  | M16   | 1              |
| SK50-SLA25-80K  | 25 | 65 | 80  | M18*2 | 2              |
| SK50-SLA32-100K | 32 | 72 | 100 | M20*2 | 2              |
| SK50-SLA40-100K | 40 | 80 | 100 | M20*2 | 2              |
|                 |    |    |     |       |                |
| SK50-SLA06-100K | 6  | 25 | 100 | M6    | 1              |
| SK50-SLA08-100K | 8  | 28 | 100 | M8    | 1              |
| SK50-SLA10-100K | 10 | 35 | 100 | M10   | 1              |
| SK50-SLA12-100K | 12 | 42 | 100 | M12   | 1              |
| SK50-SLA14-100K | 14 | 44 | 100 | M12   | 1              |
| SK50-SLA16-100K | 16 | 48 | 100 | M14   | 1              |
| SK50-SLA18-100K | 18 | 50 | 100 | M14   | 1              |
| SK50-SLA20-100K | 20 | 52 | 100 | M16   | 1              |
| SK50-SLA25-120K | 25 | 65 | 120 | M18*2 | 2              |

AD/B Customized

AD/B 可定制

## End Mill Holder Whistle Notch

### 侧固式铣刀柄，斜 2 度



| Size           | d  | D   | L   | M     | Screw Quantity |
|----------------|----|-----|-----|-------|----------------|
| SK40-SLB06-50  | 6  | 25  | 50  | M6    | 1              |
| SK40-SLB08-50  | 8  | 28  | 50  | M8    | 1              |
| SK40-SLB10-50  | 10 | 35  | 50  | M10   | 1              |
| SK40-SLB12-50  | 12 | 42  | 50  | M12   | 1              |
| SK40-SLB14-50  | 14 | 44  | 50  | M12   | 1              |
| SK40-SLB16-63  | 16 | 48  | 63  | M14   | 1              |
| SK40-SLB18-63  | 18 | 50  | 63  | M14   | 1              |
| SK40-SLB20-63  | 20 | 52  | 63  | M16   | 1              |
| SK40-SLB25-100 | 25 | 65  | 100 | M18*2 | 2              |
| SK40-SLB32-100 | 32 | 72  | 100 | M20*2 | 2              |
| SK40-SLB40-120 | 40 | 80  | 120 | M20*2 | 2              |
|                |    |     |     |       |                |
| SK50-SLB06-63  | 6  | 25  | 63  | M6    | 1              |
| SK50-SLB08-63  | 8  | 28  | 63  | M8    | 1              |
| SK50-SLB10-63  | 10 | 35  | 63  | M10   | 1              |
| SK50-SLB12-63  | 12 | 42  | 63  | M12   | 1              |
| SK50-SLB14-63  | 14 | 44  | 63  | M12   | 1              |
| SK50-SLB16-63  | 16 | 48  | 63  | M14   | 1              |
| SK50-SLB18-63  | 18 | 50  | 63  | M14   | 1              |
| SK50-SLB20-63  | 20 | 52  | 63  | M16   | 1              |
| SK50-SLB25-80  | 25 | 65  | 80  | M18*2 | 2              |
| SK50-SLB32-100 | 32 | 72  | 100 | M20*2 | 2              |
| SK50-SLB40-100 | 40 | 80  | 100 | M20*2 | 2              |
| SK50-SLB50-125 | 50 | 100 | 125 | M24*2 | 2              |

AD/B Customized

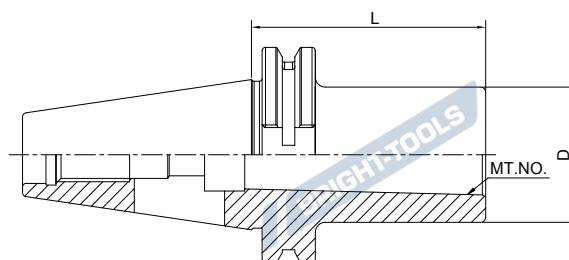
AD/B 可定制

## Morse Taper Adapter with Tang

### 带扁尾莫氏刀柄



|                                                                                     |                                                                                     |            |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|
|  |  | RPM        |
| DIN6383                                                                             | ≤0.005                                                                              | G6.3/15000 |

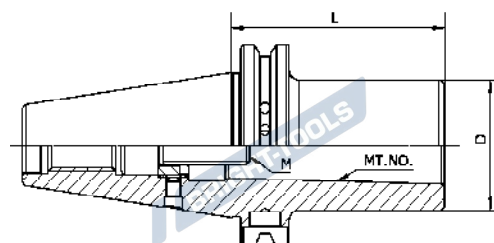


| Size          | MT. NO. | D  | L   |
|---------------|---------|----|-----|
| SK30-MTA1-50  | 1       | 25 | 50  |
| SK30-MTA2-65  | 2       | 32 | 65  |
| SK30-MTA3-80  | 3       | 40 | 80  |
| SK40-MTA1-50  | 1       | 25 | 50  |
| SK40-MTA2-50  | 2       | 32 | 50  |
| SK40-MTA3-70  | 3       | 40 | 70  |
| SK40-MTA4-95  | 4       | 48 | 95  |
| SK50-MTA1-45  | 1       | 25 | 45  |
| SK50-MTA2-60  | 2       | 32 | 60  |
| SK50-MTA3-65  | 3       | 40 | 65  |
| SK50-MTA4-95  | 4       | 48 | 95  |
| SK50-MTA5-105 | 5       | 63 | 105 |
| SK60-MTA3-65  | 3       | 40 | 65  |
| SK60-MTA4-95  | 4       | 48 | 95  |
| SK60-MTA5-105 | 5       | 63 | 105 |
| SK60-MTA6-170 | 6       | 80 | 170 |

## Morse Taper Adapter with Drawbar 带螺纹孔莫氏刀柄



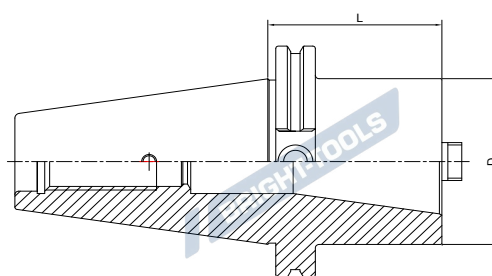
|                                                                                             |                                                                                                    |                   |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------|
|  DIN6364 |  A $\leq 0.005$ | RPM<br>G6.3/15000 |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------|



| Size          | MT. NO. | D  | L   | M   |
|---------------|---------|----|-----|-----|
| SK40-MTB1-50  | 1       | 25 | 50  | M6  |
| SK40-MTB2-50  | 2       | 32 | 50  | M10 |
| SK40-MTB3-70  | 3       | 40 | 70  | M12 |
| SK40-MTB4-95  | 4       | 48 | 95  | M16 |
| SK50-MTB1-45  | 1       | 25 | 45  | M6  |
| SK50-MTB2-60  | 2       | 32 | 60  | M10 |
| SK50-MTB3-65  | 3       | 40 | 65  | M12 |
| SK50-MTB4-70  | 4       | 48 | 70  | M16 |
| SK50-MTB5-100 | 5       | 63 | 100 | M20 |
| SK60-MTB3-65  | 3       | 40 | 65  | M12 |
| SK60-MTB4-70  | 4       | 48 | 70  | M16 |
| SK60-MTB5-100 | 5       | 63 | 100 | M20 |
| SK60-MTB6-150 | 6       | 85 | 150 | M24 |

## Tool Holder Adapter Sleeve

### 转换刀柄



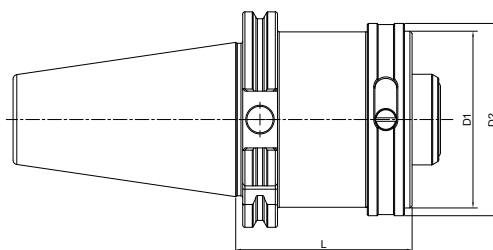
A ↗  
≤0.005

RPM  
G6.3/15000

| Size          | L   | D  |
|---------------|-----|----|
| SK40-SK30-50  | 50  | 51 |
| SK40-SK40-100 | 100 | 63 |
| SK50-SK40-70  | 70  | 70 |
| SK50-SK50-120 | 120 | 97 |
| SK60-SK50-100 | 100 | 97 |

## Tool Holder Adapter Sleeve

### 转换刀柄



A ↗  
≤0.005

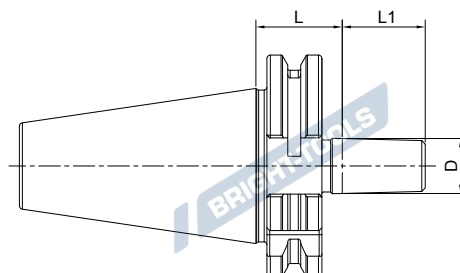
AD

| Size            | D1  | D2  | L  |
|-----------------|-----|-----|----|
| SK30-HSK32C-40  | 32  | 37  | 40 |
| SK30-HSK40C-60  | 40  | 45  | 60 |
| SK40-HSK32C-40  | 32  | 37  | 40 |
| SK40-HSK40C-40  | 40  | 45  | 40 |
| SK40-HSK50C-60  | 50  | 55  | 60 |
| SK40-HSK63C-75  | 63  | 70  | 75 |
| SK50-HSK32C-40  | 32  | 37  | 40 |
| SK50-HSK40C-40  | 40  | 45  | 40 |
| SK50-HSK50C-40  | 50  | 55  | 40 |
| SK50-HSK63C-40  | 63  | 70  | 40 |
| SK50-HSK80C-80  | 80  | 87  | 80 |
| SK50-HSK100C-95 | 100 | 110 | 95 |

## Drill Chuck Adapter 钻接杆

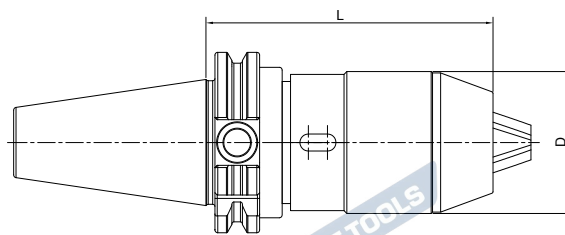


|                                                                                            |                                                                                                    |                                                                                                       |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
|  DIN238 |  A $\leq 0.005$ |  RPM<br>G6.3/15000 |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|



| Size        | D   | L1   | L  |
|-------------|-----|------|----|
| SK30-B12-25 | B12 | 18.5 | 25 |
| SK30-B16-25 | B16 | 24   | 25 |
| SK40-B12-25 | B12 | 18.5 | 25 |
| SK40-B16-25 | B16 | 24   | 25 |
| SK40-B18-25 | B18 | 32   | 25 |
| SK50-B12-25 | B12 | 18.5 | 25 |
| SK50-B16-25 | B16 | 24   | 25 |
| SK50-B18-25 | B18 | 32   | 25 |

## APU Drill Chuck Holder APU 钻夹头刀柄



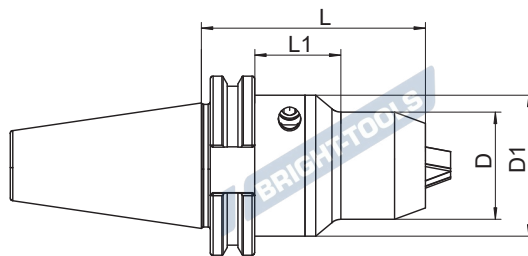
| Size           | D    | L   | Capacity |
|----------------|------|-----|----------|
| SK30-APU8-80   | 37   | 80  | 1-8      |
| SK30-APU13-120 | 50   | 120 | 1-13     |
| SK30-APU16-130 | 54.5 | 130 | 3-16     |
| SK40-APU8-85   | 37   | 85  | 1-8      |
| SK40-APU13-100 | 50   | 100 | 1-13     |
| SK40-APU16-110 | 54.5 | 110 | 3-16     |
| SK50-APU8-75   | 37   | 75  | 1-8      |
| SK50-APU13-100 | 50   | 100 | 1-13     |
| SK50-APU16-100 | 54.5 | 100 | 3-16     |



## Precision Drill Chuck Holder

### 精密钻夹头刀柄

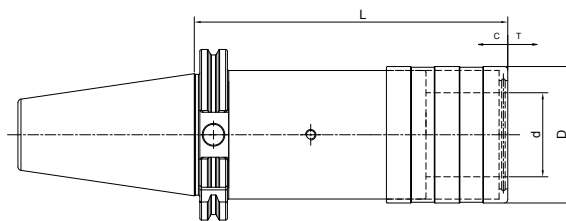
|            |            |
|------------|------------|
| <b>A</b> ↗ | <b>RPM</b> |
| ≤0.03      | G6.3/15000 |



| Size           | D  | D1 | L   | L1   | Capacity |
|----------------|----|----|-----|------|----------|
| SK40-CPU10-80  | 38 | 50 | 80  | 28.9 | 1-10     |
| SK40-CPU13-90  | 50 | -  | 90  | -    | 1-13     |
| SK40-CPU16-90  | 50 | -  | 90  | -    | 1-16     |
| SK50-CPU13-100 | 50 | -  | 100 | -    | 1-13     |
| SK50-CPU16-100 | 50 | -  | 100 | -    | 1-16     |

## Quick Change Tapping Chuck with Length Compensation

### 弹性快换攻丝刀柄



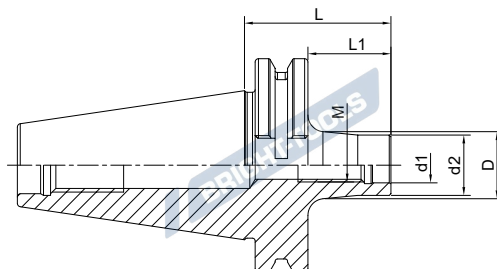
| Size            | D  | d  | L   | T    | C    |
|-----------------|----|----|-----|------|------|
| SK30-TC312-65   | 36 | 19 | 65  | 7.5  | 7.5  |
| SK30-TC820-99   | 54 | 31 | 99  | 12.5 | 12.5 |
| SK40-TC312-59   | 36 | 19 | 59  | 7.5  | 7.5  |
| SK40-TC820-97   | 54 | 31 | 97  | 12.5 | 12.5 |
| SK40-TC1433-156 | 78 | 48 | 156 | 22   | 22   |
| SK50-TC312-63   | 36 | 19 | 63  | 7.5  | 7.5  |
| SK50-TC820-97   | 54 | 31 | 97  | 12.5 | 12.5 |
| SK50-TC1433-140 | 78 | 48 | 140 | 22   | 22   |

## Screw-in Milling Cutter Holder

### 锁牙刀柄, 锥柄型



|               |                   |    |
|---------------|-------------------|----|
| A ↗<br>≤0.005 | RPM<br>G6.3/15000 | AD |
|---------------|-------------------|----|



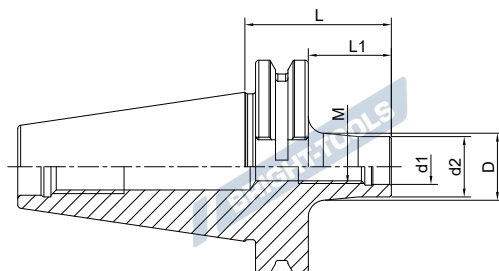
| Size                | d1   | d2   | D  | L   | L1  | M  |
|---------------------|------|------|----|-----|-----|----|
| SK40-SOM08-44L=25   | 8.5  | 14.5 | 16 | 44  | 25  | 8  |
| SK40-SOM08-69L=50   | 8.5  | 14.5 | 21 | 69  | 50  | 8  |
| SK40-SOM08-94L=75   | 8.5  | 14.5 | 23 | 94  | 75  | 8  |
| SK40-SOM08-119L=100 | 8.5  | 14.5 | 25 | 119 | 100 | 8  |
| SK40-SOM10-24L=5    | 10.5 | 18   | 18 | 24  | 5   | 10 |
| SK40-SOM10-44L=25   | 10.5 | 18   | 20 | 44  | 25  | 10 |
| SK40-SOM10-69L=50   | 10.5 | 18   | 23 | 69  | 50  | 10 |
| SK40-SOM10-94L=75   | 10.5 | 18   | 28 | 94  | 75  | 10 |
| SK40-SOM10-119L=100 | 10.5 | 18   | 32 | 119 | 100 | 10 |
| SK40-SOM10-169L=150 | 10.5 | 18   | 37 | 169 | 150 | 10 |
| SK40-SOM12-24L=5    | 12.5 | 21   | 21 | 24  | 5   | 12 |
| SK40-SOM12-44L=25   | 12.5 | 21   | 24 | 44  | 25  | 12 |
| SK40-SOM12-69L=50   | 12.5 | 21   | 24 | 69  | 50  | 12 |
| SK40-SOM12-94L=75   | 12.5 | 21   | 31 | 94  | 75  | 12 |
| SK40-SOM12-119L=100 | 12.5 | 21   | 33 | 119 | 100 | 12 |
| SK40-SOM12-144L=125 | 12.5 | 21   | 35 | 144 | 125 | 12 |
| SK40-SOM12-169L=150 | 12.5 | 21   | 40 | 169 | 150 | 12 |
| SK40-SOM16-24L=5    | 17   | 29   | 29 | 24  | 5   | 16 |
| SK40-SOM16-44L=25   | 17   | 29   | 29 | 44  | 25  | 16 |
| SK40-SOM16-69L=50   | 17   | 29   | 34 | 69  | 50  | 16 |
| SK40-SOM16-94L=75   | 17   | 29   | 34 | 94  | 75  | 16 |
| SK40-SOM16-119L=100 | 17   | 29   | 36 | 119 | 100 | 16 |
| SK40-SOM16-144L=125 | 17   | 29   | 39 | 144 | 125 | 16 |
| SK40-SOM16-169L=150 | 17   | 29   | 41 | 169 | 150 | 16 |

## Screw-in Milling Cutter Holder

锁牙刀柄, 锥柄型



|               |                   |    |
|---------------|-------------------|----|
| A ↗<br>≤0.005 | RPM<br>G6.3/15000 | AD |
|---------------|-------------------|----|



SK

| Size                | d1   | d2   | D    | L   | L1  | M  |
|---------------------|------|------|------|-----|-----|----|
| SK50-SOM08-69L=50   | 8.5  | 14.5 | 21   | 69  | 50  | 8  |
| SK50-SOM08-119L=100 | 8.5  | 14.5 | 25   | 119 | 100 | 8  |
| SK50-SOM08-169L=150 | 8.5  | 14.5 | 30   | 169 | 150 | 8  |
| SK50-SOM10-69L=50   | 10.5 | 18   | 23   | 69  | 50  | 10 |
| SK50-SOM10-119L=100 | 10.5 | 18   | 32   | 119 | 100 | 10 |
| SK50-SOM10-169L=150 | 10.5 | 18   | 36.5 | 169 | 150 | 10 |
| SK50-SOM12-69L=50   | 12.5 | 21   | 24   | 69  | 50  | 12 |
| SK50-SOM12-119L=100 | 12.5 | 21   | 33   | 119 | 100 | 12 |
| SK50-SOM12-169L=150 | 12.5 | 21   | 40   | 169 | 150 | 12 |
| SK50-SOM16-69L=50   | 17   | 29   | 34   | 69  | 50  | 16 |
| SK50-SOM16-119L=100 | 17   | 29   | 36   | 119 | 100 | 16 |
| SK50-SOM16-169L=150 | 17   | 29   | 41   | 169 | 150 | 16 |

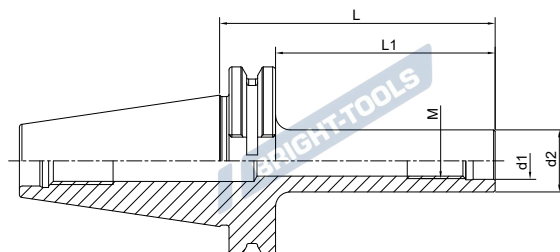
## Screw-in Milling Cutter Holder

### 锁牙刀柄, 直柄型

A ↗  
≤0.005

RPM  
G6.3/15000

AD



| Size              | d1   | d2 | L   | L1  | M  |
|-------------------|------|----|-----|-----|----|
| SK40-M10-119L=100 | 10.5 | 18 | 119 | 100 | 10 |
| SK40-M10-169L=150 | 10.5 | 18 | 169 | 150 | 10 |
| SK40-M12-119L=100 | 12.5 | 21 | 119 | 100 | 12 |
| SK40-M12-144L=125 | 12.5 | 21 | 144 | 125 | 12 |
| SK40-M12-169L=150 | 12.5 | 21 | 169 | 150 | 12 |
| SK40-M16-119L=100 | 17   | 29 | 119 | 100 | 16 |
| SK40-M16-144L=125 | 17   | 29 | 144 | 125 | 16 |
| SK40-M16-169L=150 | 17   | 29 | 169 | 150 | 16 |
| SK50-M10-119L=100 | 10.5 | 18 | 119 | 100 | 10 |
| SK50-M10-169L=150 | 10.5 | 18 | 169 | 150 | 10 |
| SK50-M12-119L=100 | 12.5 | 21 | 119 | 100 | 12 |
| SK50-M12-169L=150 | 12.5 | 21 | 169 | 150 | 12 |
| SK50-M16-119L=100 | 17   | 29 | 119 | 100 | 16 |
| SK50-M16-169L=150 | 17   | 29 | 169 | 150 | 16 |

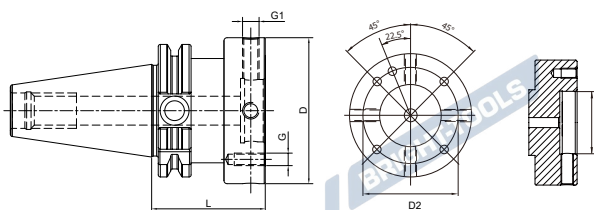
## Runout Adjustable Flange Adapter

### 可调节精度法兰刀柄

A ↗  
≤0.002

RPM  
G2.5/25000

AD



| Size            | D   | D1 | D2  | L  | G   | G1    |
|-----------------|-----|----|-----|----|-----|-------|
| SK30-MOD060-050 | 60  | 30 | 44  | 50 | M5  | M8x1  |
| SK30-MOD070-050 | 70  | 35 | 53  | 50 | M6  | M8x1  |
| SK40-MOD060-050 | 60  | 30 | 44  | 50 | M5  | M8x1  |
| SK40-MOD070-050 | 70  | 35 | 53  | 50 | M6  | M8x1  |
| SK40-MOD080-055 | 80  | 40 | 63  | 55 | M6  | M8x1  |
| SK40-MOD100-060 | 100 | 50 | 79  | 60 | M8  | M10x1 |
| SK50-MOD060-050 | 60  | 30 | 44  | 50 | M5  | M8x1  |
| SK50-MOD070-050 | 70  | 35 | 53  | 50 | M6  | M8x1  |
| SK50-MOD080-050 | 80  | 40 | 63  | 50 | M6  | M8x1  |
| SK50-MOD100-060 | 100 | 50 | 79  | 60 | M8  | M10x1 |
| SK50-MOD117-060 | 117 | 60 | 96  | 60 | M8  | M10x1 |
| SK50-MOD140-060 | 140 | 80 | 119 | 60 | M10 | M10x1 |

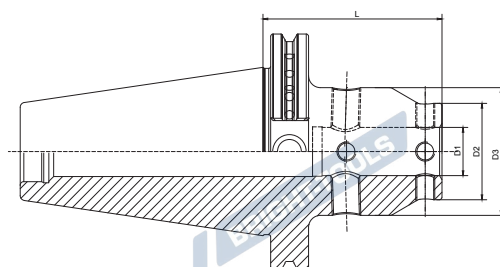
## UM Adjustable Tool Holder

### UM 调零刀柄

A ↗  
≤0.003

RPM  
G2.5/25000

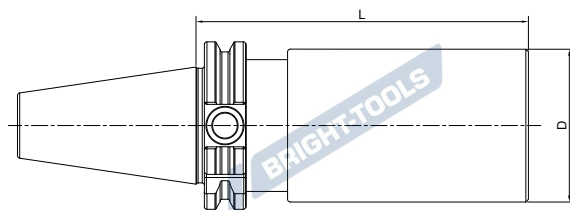
AD



| Size          | D1 | D2 | D3   | L   |
|---------------|----|----|------|-----|
| SK40-UM12-65  | 12 | 28 | 44.5 | 65  |
| SK40-UM16-65  | 16 | 32 | 48   | 65  |
| SK40-UM20-85  | 20 | 40 | 53   | 85  |
| SK40-UM25-100 | 25 | 48 | 63   | 100 |
| SK40-UM32-105 | 32 | 52 | 63   | 105 |
| SK50-UM12-65  | 12 | 28 | 44.5 | 65  |
| SK50-UM16-65  | 16 | 32 | 48   | 65  |
| SK50-UM20-75  | 20 | 40 | 53   | 75  |
| SK50-UM25-85  | 25 | 48 | 63   | 85  |
| SK50-UM32-90  | 32 | 52 | 63   | 90  |

## Boring Bar Blank

### 基础柄



| Size          | D   | L   |
|---------------|-----|-----|
| SK30-D50-200  | 50  | 200 |
| SK40-D50-200  | 50  | 200 |
| SK40-D50-250  | 50  | 250 |
| SK40-D63-250  | 63  | 250 |
| SK50-D100-160 | 100 | 160 |
| SK50-D100-250 | 100 | 250 |

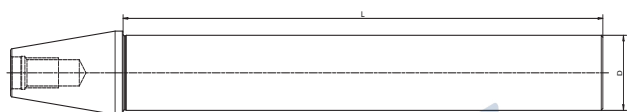
Other sizes can be made by request.

SK

## Test Arbor

### 主轴检测棒

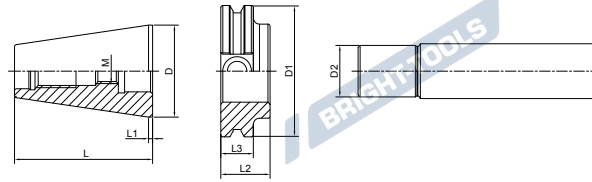
A ↗  
≤0.002



| Size        | D  | L   |
|-------------|----|-----|
| SK30-32-250 | 32 | 250 |
| SK40-40-300 | 40 | 300 |
| SK50-50-300 | 50 | 300 |

## Alignment Tool for ATC Arm

### 调整机械手用组合模具



| Size         | D     | D1    | D2 | L      | L1  | L2 | L3   | M   |
|--------------|-------|-------|----|--------|-----|----|------|-----|
| SK30-ATC-18D | 31.75 | 50    | 18 | 51     | 3.2 | 20 | 15.9 | M12 |
| SK40-ATC-20D | 44.45 | 63.55 | 20 | 71.6   | 3.2 | 25 | 15.9 | M12 |
| SK50-ATC-28D | 69.85 | 97.5  | 28 | 104.95 | 3.2 | 35 | 15.9 | M16 |

#### Usage:

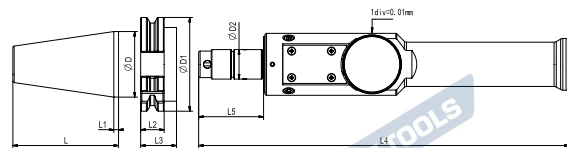
- 1) Put the Taper to the machine Spindle
- 2) Install flange to the ATC arm
- 3) Insert Pin into the flange
- 4) Adjust ATC arm and make sure the pin front part into the flange completely.

#### 使用方法:

- 1) 将锥度安装到机床主轴上
- 2) 将法兰安装到 ATC 臂上
- 3) 将销钉插入法兰中
- 4) 调整 ATC 臂并确保销钉前部完全进入法兰中。

## Alignment Tool for ATC Arm

### 调整机械手用组合模具



| Size       | D     | D1    | D2 | L      | L1  | L2   | L3   | L4  | L5 |
|------------|-------|-------|----|--------|-----|------|------|-----|----|
| SK40-ATC20 | 44.45 | 63.55 | 20 | 71.6   | 3.2 | 15.9 | 24.3 | 251 | 44 |
| SK50-ATC28 | 69.85 | 97.5  | 28 | 104.95 | 3.2 | 15.9 | 35.3 | 261 | 54 |

#### Usage:

1. Install the calibration taper to the machine spindle.
2. Install the calibration flange on the ATC machine.
3. Insert the calibration pin into the calibration flange.
4. Rotate the calibration pin to find the maximum and minimum positions of the pointer. This direction is the direction of eccentricity, and the amount of eccentricity is half of the difference.
5. Adjust the ATC manipulator and ensure that the front of the calibration pin is fully inserted into the flange.

#### 使用方法

1. 将校正锥柄安装到机床主轴。
2. 将校正法兰安装在 ATC 机械手上。
3. 将校正销棒插入校正法兰。
4. 旋转校正销棒，找到指针的最大值位置和最小值位置。该方向即偏心方向，偏心量为差值的一半。
5. 调整 ATC 机械手并确保校正销棒前端完全插入法兰中。



# ISO TOOL HOLDERS

BRIGHT-TOOLS

BRIGHT-TOOLS

BRIGHT-TOOLS

BRIGHT-TOOLS

BRIGHT-TOOLS

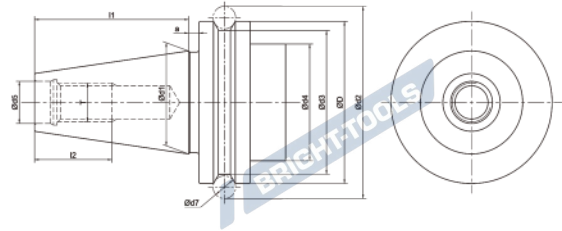
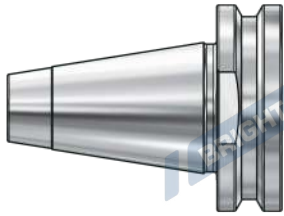
BRIGHT-TOOLS

BRIGHT-TOOLS

BRIGHT-TOOLS

## ISO Taper Standard

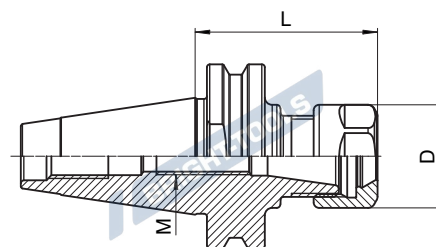
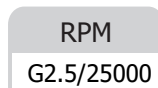
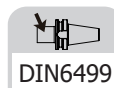
### ISO 锥柄标准



| Size  | D     | d1    | d2   | d3    | d4 | d5 | d7 | l1   | l2 |
|-------|-------|-------|------|-------|----|----|----|------|----|
| ISO30 | 50    | 31.75 | 59.3 | 44.3  | 45 | 13 | 7  | 47.8 | 24 |
| ISO40 | 63.55 | 44.45 | 72.3 | 56.25 | 50 | 17 | 7  | 68.4 | 32 |

**Material:** Alloyed case hardened steel  
**Surface Treatment:** Blackening and Bright  
**Taper tolerance:** <AT3  
**Hardness:** HRC 56-60  
**Carbon depth:** 0.8±0.2mm  
**Surface Roughness:** Ra<0.2µm  
**Balancing:** G2.5/25000  
**Cooling:** AD

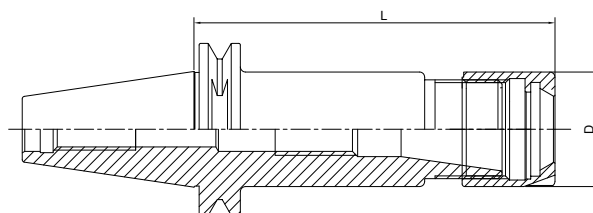
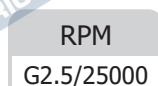
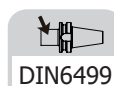
## ER Collet Chuck without Drive Slots ER 弹簧夹头刀柄



| Size          | D  | L  | Capacity |
|---------------|----|----|----------|
| ISO10-ER11-25 | 19 | 25 | 1-7      |
| ISO20-ER16-35 | 28 | 35 | 1-10     |
| ISO20-ER20-35 | 34 | 35 | 1-13     |
| ISO25-ER16-35 | 28 | 35 | 1-10     |
| ISO25-ER20-35 | 34 | 35 | 1-13     |
| ISO30-ER16-50 | 28 | 50 | 1-10     |
| ISO30-ER20-50 | 34 | 50 | 1-13     |

ISO

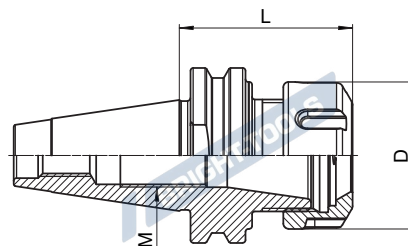
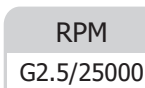
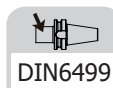
## ER Collet Chuck without Drive Slots ER 弹簧夹头刀柄



| Size            | D  | L  | Capacity |
|-----------------|----|----|----------|
| ISO20-ER16MS-35 | 22 | 35 | 1-10     |
| ISO20-ER20MS-35 | 28 | 35 | 1-13     |
| ISO25-ER16MS-35 | 22 | 35 | 1-10     |
| ISO25-ER20MS-35 | 28 | 35 | 1-13     |
| ISO25-ER25MS-35 | 35 | 35 | 2-16     |

## ER Collet Chuck without Drive Slots

### ER 弹簧夹头刀柄

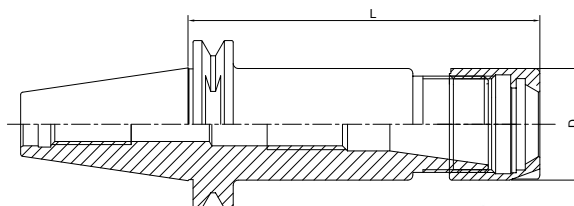
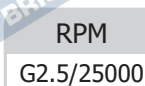
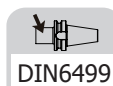


| Size          | D  | L  | M       | Capacity |
|---------------|----|----|---------|----------|
| ISO25-ER25-35 | 42 | 35 | -       | 2-16     |
| ISO30-ER25-50 | 42 | 50 | M18*1.5 | 2-16     |
| ISO30-ER32-50 | 50 | 50 | -       | 2-20     |
| ISO30-ER40-60 | 63 | 60 | -       | 3-26     |

**ISO**

## ER Collet Chuck without Drive Slots

### ER 弹簧夹头刀柄



| Size           | D  | L  | M       | Capacity |
|----------------|----|----|---------|----------|
| ISO10-ER11M-25 | 16 | 25 | -       | 1-7      |
| ISO20-ER20M-35 | 28 | 35 | M18*1.5 | 1-13     |
| ISO25-ER20M-35 | 28 | 35 | -       | 1-13     |
| ISO30-ER25M-50 | 35 | 50 | -       | 2-16     |