

# 阻尼减振刀具

DIN 69893-A

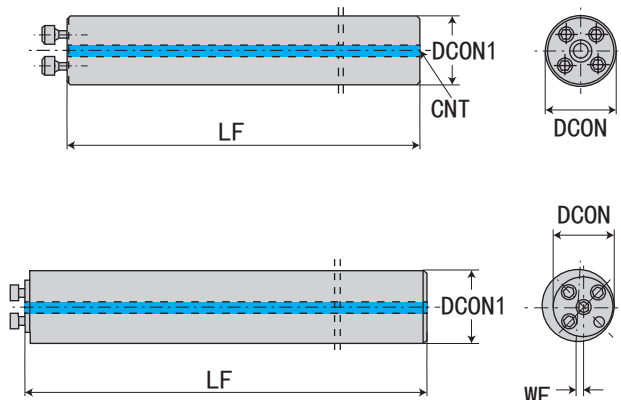
DAMPING TOOLS



阻尼减振刀具系列

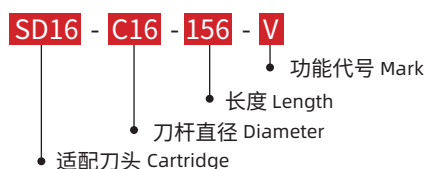
*CNC TOOL SYSTEMS*

# · 阻尼减振车刀杆 DAMPING TURNING TOOL HOLDER



| 型号<br>Model          | 刀杆直径<br>DCON1 | 安装面直径<br>DCON | 长度<br>LF | 螺孔<br>CNT | 倍径<br>L/D | 适配刀头<br>CARTRIDGE | FIG | 重量<br>KG |
|----------------------|---------------|---------------|----------|-----------|-----------|-------------------|-----|----------|
| <b>SD16-C16-156V</b> | 16            | 16            | 156      | G1/8..    | 7         | SD16              | 1   | 0.2      |
| <b>-204VE</b>        | 16            | 16            | 204      | G1/8..    | 10        | SD16              | 1   | 0.5      |
| <b>SD20-C20-200V</b> | 20            | 20            | 200      | G1/4..    | 7         | SD20              | 1   | 0.4      |
| <b>-260VE</b>        | 20            | 20            | 260      | G1/4..    | 10        | SD20              | 1   | 0.8      |
| <b>SD25-C25-255V</b> | 25            | 25            | 255      | G1/4..    | 7         | SD25              | 1   | 1        |
| <b>-330VE</b>        | 25            | 25            | 330      | G1/4..    | 10        | SD25              | 1   | 1.3      |
| <b>-380VE</b>        | 25            | 25            | 380      | G1/8..    | 12        | SD25              | 1   | 2        |
| <b>-430VE</b>        | 25            | 25            | 430      | G1/8..    | 14        | SD25              | 1   | 2.6      |
| <b>SD32-C32-320V</b> | 32            | 32            | 320      | G3/8..    | 7         | SD32              | 1   | 2.1      |
| <b>-416V</b>         | 32            | 32            | 416      | G3/8..    | 10        | SD32              | 1   | 2.8      |
| <b>-480VE</b>        | 32            | 32            | 480      | G1/4..    | 12        | SD32              | 1   | 4.2      |
| <b>-544VE</b>        | 32            | 32            | 544      | G1/4..    | 14        | SD32              | 1   | 4.8      |
| <b>SD40-C40-408V</b> | 40            | 40            | 408      | G1/2..    | 7         | SD40              | 2   | 4.6      |
| <b>-528V</b>         | 40            | 40            | 528      | G1/2..    | 10        | SD40              | 2   | 5.3      |
| <b>-608VE</b>        | 40            | 40            | 608      | G3/8..    | 12        | SD40              | 2   | 8.3      |
| <b>-688VE</b>        | 40            | 40            | 688      | G3/8..    | 14        | SD40              | 2   | 9.4      |

## 规格说明:

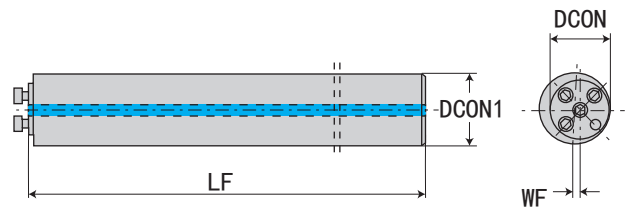


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阻尼减振刀具  
DAMPING TOOLS

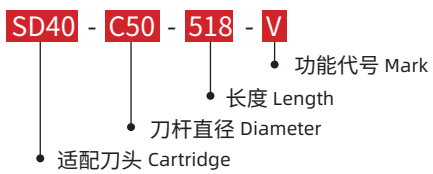
· 阻尼减振车刀杆

DAMPING TURNING TOOL HOLDER



| 型号<br>Model   | 刀杆直径<br>DCON1 | 安装面直径<br>DCON | 长度<br>LF | 螺孔<br>CNT | 倍径<br>L/D | 适配刀头<br>CARTRIDGE | 重量<br>KG |
|---------------|---------------|---------------|----------|-----------|-----------|-------------------|----------|
| SD40-C50-518V | 50            | 40            | 518      | G1/2..    | 7         | SD40              | 7.2      |
| -668V         | 50            | 40            | 668      | G1/2..    | 10        | SD40              | 9.3      |
| -768VE        | 50            | 40            | 768      | G1/2..    | 12        | SD40              | 14.4     |
| -868VE        | 50            | 40            | 868      | G1/2..    | 14        | SD40              | 16.6     |

规格说明:

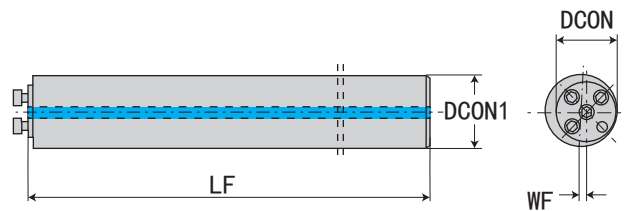


· 阻尼减振车刀杆

DAMPING TURNING TOOL HOLDER

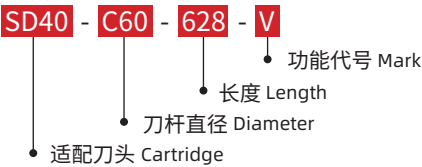
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阻尼减振刀具  
DAMPING TOOLS



| 型号<br>Model   | 刀杆直径<br>DCON1 | 安装面直径<br>DCON | 长度<br>LF | 螺孔<br>CNT | 倍径<br>L/D | 适配刀头<br>CARTRIDGE | 重量<br>KG |
|---------------|---------------|---------------|----------|-----------|-----------|-------------------|----------|
| SD40-C60-628V | 60            | 40            | 628      | G3/4..    | 7         | SD40              | 12.5     |
| -808V         | 60            | 40            | 808      | G3/4..    | 10        | SD40              | 16.3     |
| -920VE        | 60            | 40            | 920      | G3/4..    | 12        | SD40              | 27.1     |
| -1040VE       | 60            | 40            | 1040     | G3/4..    | 14        | SD40              | 30.9     |

规格说明:

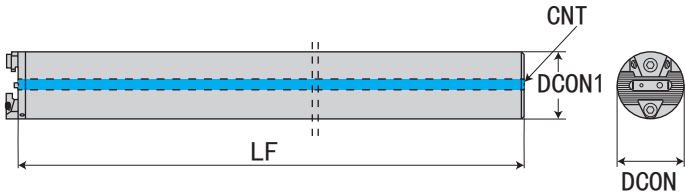


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阻尼减振刀具  
DAMPING TOOLS

· 阻尼减振车刀杆

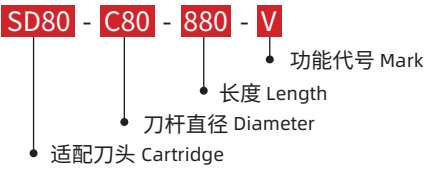
DAMPING TURNING TOOL HOLDER



● 刀头需另购

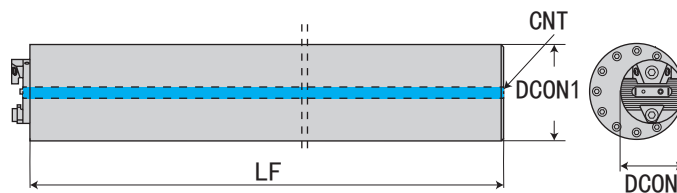
| 型号<br>Model   | 刀杆直径<br>DCON1 | 安装面直径<br>DCON | 长度<br>LF | 螺孔<br>CNT | 倍径<br>L/D | 适配刀头<br>CARTRIDGE | 重量<br>KG |
|---------------|---------------|---------------|----------|-----------|-----------|-------------------|----------|
| SD80-C80-880V | 80            | 80            | 880      | G3/4..    | 7         | SD80              | 31.8     |
| -1200V        | 80            | 80            | 1200     | G3/4..    | 10        | SD80              | 52.3     |
| -1240VE       | 80            | 80            | 1240     | G3/4..    | 12        | SD80              | 50       |
| -1400VE       | 80            | 80            | 1400     | G3/4..    | 14        | SD80              | 63       |

规格说明:



# · 阻尼减振车刀杆

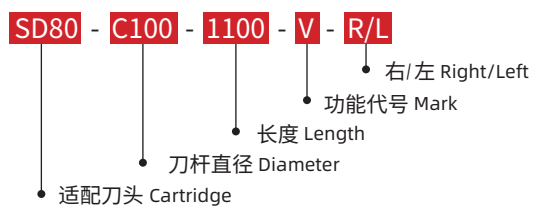
## DAMPING TURNING TOOL HOLDER



● 刀头需另购

| 型号<br>Model            | 刀杆直径<br>DCON1 | 安装面直径<br>DCON | 长度<br>LF | 螺孔<br>CNT | 倍径<br>L/D | 适配刀头<br>CARTRIDGE | 重量<br>KG |
|------------------------|---------------|---------------|----------|-----------|-----------|-------------------|----------|
| <b>SD80-C100-1100V</b> | 100           | 80            | 1100     | G3/4..    | 7         | SD80              | 63.4     |
| <b>-1500V</b>          | 100           | 80            | 1500     | G3/4..    | 10        | SD80              | 86.8     |
| <b>-C120-1900V-R/L</b> | 120           | 80            | 1900     | G3/4..    | 10        | SD80              | 134      |
| <b>-C130-2000V-R/L</b> | 130           | 80            | 2000     | G3/4..    | 10        | SD80              | 192.3    |
| <b>-C140-2200V-R/L</b> | 140           | 80            | 2200     | G3/4..    | 10        | SD80              | 241.5    |
| <b>-C150-2400V-R/L</b> | 150           | 80            | 2400     | G3/4..    | 10        | SD80              | 252.6    |
| <b>-C160-2600V-R/L</b> | 160           | 80            | 2600     | G3/4..    | 10        | SD80              | 339.3    |
| <b>-C180-2800V-R/L</b> | 180           | 80            | 2800     | G3/4..    | 10        | SD80              | 458.2    |
| <b>-C200-3200V-R/L</b> | 200           | 80            | 3200     | G3/4..    | 10        | SD80              | 657.7    |
| <b>-C220-3450V-R/L</b> | 220           | 80            | 3450     | G1..      | 10        | SD80              | 1059.3   |
| <b>-C250-4000V-R/L</b> | 250           | 80            | 4000     | G1..      | 10        | SD80              | 1229     |

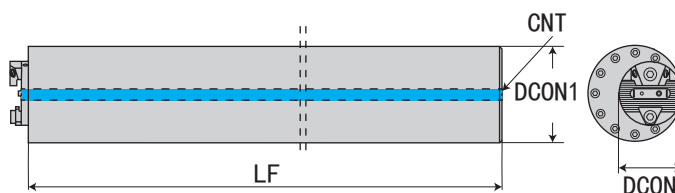
规格说明:



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# · 阻尼减振车刀杆

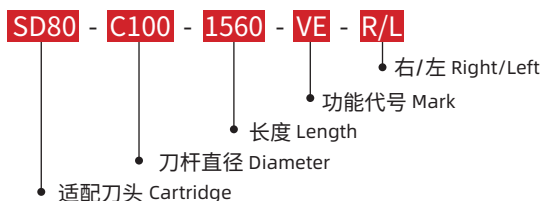
DAMPING TURNING TOOL HOLDER



● 刀头需另购

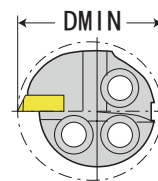
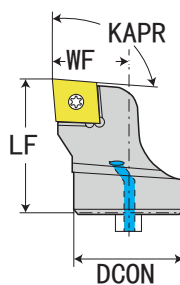
| 型号<br>Model      | 刀杆直径<br>DCON1 | 安装面直径<br>DCON | 长度<br>LF | 螺孔<br>CNT | 倍径<br>L/D | 适配刀头<br>CARTRIDGE | 重量<br>KG |
|------------------|---------------|---------------|----------|-----------|-----------|-------------------|----------|
| SD80-C100-1560VE | 100           | 80            | 1560     | G3/4..    | 12        | SD80              | 117.6    |
| -1760VE          | 100           | 80            | 1760     | G3/4..    | 14        | SD80              | 133.3    |
| -C120-1870VE-R/L | 120           | 80            | 1870     | G3/4..    | 12        | SD80              | 215.7    |
| -2110VE-R/L      | 120           | 80            | 2110     | G3/4..    | 14        | SD80              | 248.6    |
| -C130-2030VE-R/L | 130           | 80            | 2030     | G3/4..    | 12        | SD80              | 271.4    |
| -2290VE-R/L      | 130           | 80            | 2290     | G3/4..    | 14        | SD80              | 312.3    |
| -C140-2190VE-R/L | 140           | 80            | 2190     | G3/4..    | 12        | SD80              | 336.7    |
| -2470VE-R/L      | 140           | 80            | 2470     | G3/4..    | 14        | SD80              | 386.8    |
| -C150-2350VE-R/L | 150           | 80            | 2350     | G3/4..    | 12        | SD80              | 397.2    |
| -2650VE-R/L      | 150           | 80            | 2650     | G3/4..    | 14        | SD80              | 472.4    |
| -C160-2510VE-R/L | 160           | 80            | 2510     | G3/4..    | 12        | SD80              | 497.5    |
| -2830VE-R/L      | 160           | 80            | 2830     | G3/4..    | 14        | SD80              | 571.2    |
| -C180-2830VE-R/L | 180           | 80            | 2830     | G3/4..    | 12        | SD80              | 559.7    |
| -3190VE-R/L      | 180           | 80            | 3190     | G3/4..    | 14        | SD80              | 642.6    |
| -C200-3150VE-R/L | 200           | 80            | 3150     | G3/4..    | 12        | SD80              | 621.9    |
| -3550VE-R/L      | 200           | 80            | 3550     | G3/4..    | 14        | SD80              | 714.3    |
| -C220-3470VE-R/L | 220           | 80            | 3470     | G3/4..    | 12        | SD80              | 684.1    |
| -3910VE-R/L      | 220           | 80            | 3910     | G3/4..    | 14        | SD80              | 785.7    |
| -C250-3950VE-R/L | 250           | 80            | 3950     | G3/4..    | 12        | SD80              | 777.4    |
| -4450VE-R/L      | 250           | 80            | 4450     | G3/4..    | 14        | SD80              | 892.8    |

规格说明:



# ·正型 95°正镗刀头

POSITIVE TYPE 95° BORING



| 型号<br>Model   | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 角度<br>KAPR | 刀片<br>Insert | 重量<br>KG |
|---------------|----------|---------------|-----------|------------|------------|--------------|----------|
| SD16-SCLCR-06 | 20       | 16            | 11        | 20         | 95°        | CC**0602**   | 0.03     |
| SD20-SCLCR-09 | 20       | 20            | 13        | 25         | 95°        | CC**09T3**   | 0.05     |
| SD25-SCLCR-09 | 20       | 25            | 17        | 32         | 95°        | CC**09T3**   | 0.07     |
| SD32-SCLCR-09 | 32       | 32            | 22        | 40         | 95°        | CC**09T3**   | 0.13     |
| SD40-SCLCR-12 | 38       | 40            | 27        | 50         | 95°        | CC**1204**   | 0.24     |
| SD16-SCLCL-06 | 20       | 16            | 11        | 20         | 95°        | CC**0602**   | 0.03     |
| SD20-SCLCL-09 | 20       | 20            | 13        | 25         | 95°        | CC**09T3**   | 0.05     |
| SD25-SCLCL-09 | 20       | 25            | 17        | 32         | 95°        | CC**09T3**   | 0.07     |
| SD32-SCLCL-09 | 32       | 32            | 22        | 40         | 95°        | CC**09T3**   | 0.13     |
| SD40-SCLCL-12 | 38       | 40            | 27        | 50         | 95°        | CC**1204**   | 0.24     |

# ·备件 SPARE PARTS

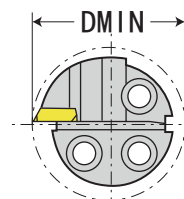
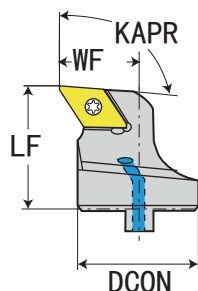
| 型号<br>Model     | 螺丝<br>Screw       | 旗型扳手<br>Wrench | 刀垫<br>Shim    | 刀垫螺套<br>Sleeve for shim | 刀垫扳手<br>Allen key for shim | 定位销<br>Locating pin |
|-----------------|-------------------|----------------|---------------|-------------------------|----------------------------|---------------------|
| SD16-SCLCR/L-06 | SR21-M2.5*0.45P*5 | T8             | -             | -                       | -                          | D4-3*7              |
| SD20-SCLCR/L-09 | SR21-M4*0.7P*9    | T15            | -             | -                       | -                          | D6-5*8              |
| SD25 SCLCR/L-09 | SR21-M4*0.7P*9    | T15            | -             | -                       | -                          | D6-5*9              |
| SD32 SCLCR/L-09 | SR21-M4*0.7P*9    | T15            | -             | -                       | -                          | D6-5*11             |
| SD40 SCLCR/L-12 | SR21-M5*0.8P*12   | T20            | ST01-CC12*2.8 | SRT-M7-M5*13            | KEY01-M3                   | D6-5*11             |

规格说明:

**SD16** - **SCLC** - **R/L** - **06**  
 适配刀头 Cartridge  
 功能代号 Mark  
 右/左 Right/Left  
 刀片 Insert

## · 正型 93°正镗刀头

POSITIVE TYPE 93° BORING

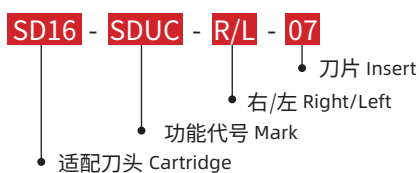


| 型号<br>Model   | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 角度<br>KAPR | 刀片<br>Insert | 重量<br>KG |
|---------------|----------|---------------|-----------|------------|------------|--------------|----------|
| SD16-SDUCR-07 | 20       | 16            | 11        | 20         | 93°        | DC**0702**   | 0.03     |
| SD20-SDUCR-11 | 20       | 20            | 13        | 25         | 93°        | DC**11T3**   | 0.05     |
| SD25-SDUCR-11 | 20       | 25            | 17        | 32         | 93°        | DC**11T3**   | 0.07     |
| SD32-SDUCR-11 | 32       | 32            | 22        | 40         | 93°        | DC**11T3**   | 0.13     |
| SD40-SDUCR-11 | 32       | 40            | 27        | 50         | 93°        | DC**11T3**   | 0.2      |
| SD16-SDUCL-07 | 20       | 16            | 11        | 20         | 93°        | DC**0702**   | 0.03     |
| SD20-SDUCL-11 | 20       | 20            | 13        | 25         | 93°        | DC**11T3**   | 0.05     |
| SD25-SDUCL-11 | 20       | 25            | 17        | 32         | 93°        | DC**11T3**   | 0.07     |
| SD32-SDUCL-11 | 32       | 32            | 22        | 40         | 93°        | DC**11T3**   | 0.13     |
| SD40-SDUCL-11 | 32       | 40            | 27        | 50         | 93°        | DC**11T3**   | 0.2      |

## · 备件 SPARE PARTS

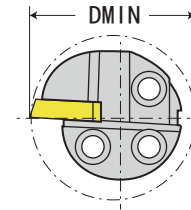
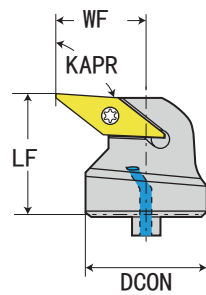
| 型号<br>Model     | 螺丝 Screw          | 旗型扳手<br>Wrench | 刀垫<br>Shim     | 刀垫螺套<br>Sleeve for shim | 刀垫扳手<br>Allen key for shim | 定位销<br>Locating pin |
|-----------------|-------------------|----------------|----------------|-------------------------|----------------------------|---------------------|
| SD16-SDUCR/L-07 | SR21-M2.5*0.45P*5 | T8             | -              | -                       | -                          | D4-3*7              |
| SD20-SDUCR/L-11 | SR21-M4*0.7P*11   | T15            | -              | -                       | -                          | D6-5*8              |
| SD25-SDUCR/L-11 | SR21-M4*0.7P*11   | T15            | -              | -                       | -                          | D6-5*9              |
| SD32-SDUCR/L-11 | SR21-M4*0.7P*11   | T15            | ST01-CC11*2.82 | SRT-M6-M4*6.9           | KEY01-M4                   | D6-5*11             |
| SD40-SDUCR/L-11 | SR21-M4*0.7P*11   | T15            | ST01-CC11*2.82 | SRT-M6-M4*6.9           | KEY01-M4                   | D6-5*11             |

规格说明:



# ·正型 93°正镗仿形刀头

POSITIVE TYPE 93° BORING AND PROFILE-TURNING

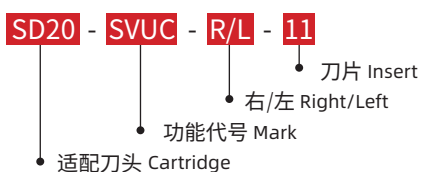


| 型号<br>Model   | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 角度<br>KAPR | 刀片<br>Insert | 重量<br>KG |
|---------------|----------|---------------|-----------|------------|------------|--------------|----------|
| SD20-SVUCR-11 | 20       | 20            | 15        | 27         | 93 度       | VC**1103**   | 0.05     |
| SD25-SVUCR-11 | 20       | 25            | 18        | 33         | 93 度       | VC**1103**   | 0.06     |
| SD20-SVUCL-11 | 20       | 20            | 15        | 27         | 93 度       | VC**1103**   | 0.05     |
| SD25-SVUCL-11 | 20       | 25            | 18        | 33         | 93 度       | VC**1103**   | 0.06     |

# ·备件 SPARE PARTS

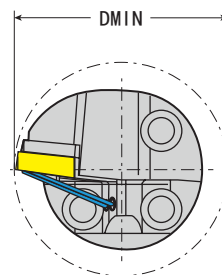
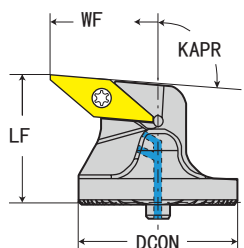
| 型号 Model        | 螺丝 Screw          | 旗型扳手 Wrench | 定位销 Locating pin |
|-----------------|-------------------|-------------|------------------|
| SD20-SVUCR/L-11 | SR21-M2.5*0.45P*6 | T8          | D6-5*8           |
| SD25-SVUCR/L-11 | SR21-M2.5*0.45P*6 | T8          | D6-5*9           |

规格说明:



## · 正型 95°正镗仿形刀头

## POSITIVE TYPE 95° BORING AND PROFILE-TURNING

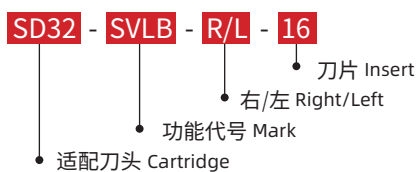


| 型号<br>Model   | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 角度<br>KAPR | 刀片<br>Insert | 重量<br>KG |
|---------------|----------|---------------|-----------|------------|------------|--------------|----------|
| SD32-SVLBR-16 | 32       | 32            | 22        | 40         | 95 度       | VC**1604**   | 0.13     |
| SD40-SVLBR-16 | 32       | 40            | 27        | 50         | 95 度       | VC**1604**   | 0.19     |
| SD32-SVLBL-16 | 32       | 32            | 22        | 40         | 95 度       | VC**1604**   | 0.13     |
| SD40-SVLBL-16 | 32       | 40            | 27        | 50         | 95 度       | VC**1604**   | 0.19     |

## · 备件 SPARE PARTS

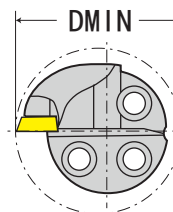
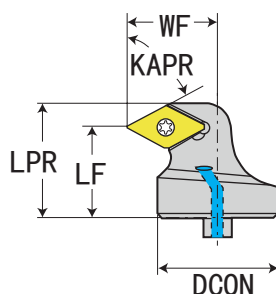
| 型号<br>Model     | 螺丝 Screw        | 旗型扳手<br>Wrench | 刀垫<br>Shim     | 刀垫螺套<br>Sleeve for shim | 刀垫扳手<br>Allen key for shim | 定位销<br>Locating pin |
|-----------------|-----------------|----------------|----------------|-------------------------|----------------------------|---------------------|
| SD32-SVLBR/L-16 | SR21-M4*0.7P*11 | T15            | ST01-CC16*2.82 | SRT-M6-M4*6.9           | KEY01-M4                   | D6-5*11             |
| SD40-SVLBR/L-16 | SR21-M4*0.7P*11 | T15            | ST01-CC16*2.82 | SRT-M6-M4*6.9           | KEY01-M4                   | D6-5*11             |

## 规格说明:



# ·正型 62.5°仿形刀头

POSITIVE TYPE 62.5° PROFILE-TURNING

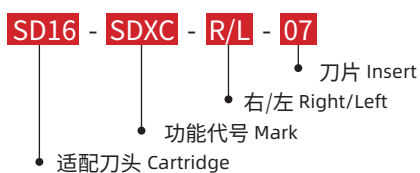


| 型号<br>Model   | 长度<br>LF | 安装面直径<br>DCON | 全长 LPR | 中心距<br>WF | 范围<br>DMIN | 角度<br>KAPR | 刀片<br>Insert | 重量<br>KG |
|---------------|----------|---------------|--------|-----------|------------|------------|--------------|----------|
| SD16-SDXCR-07 | 15       | 16            | 18.8   | 13        | 22         | 62.5°      | DC**0702**   | 0.03     |
| SD20-SDXCR-07 | 15       | 20            | 18.8   | 15        | 27         | 62.5°      | DC**0702**   | 0.04     |
| SD25-SDXCR-07 | 15       | 25            | 18.8   | 18        | 33         | 62.5°      | DC**0702**   | 0.06     |
| SD32-SDXCR-11 | 20       | 32            | 28     | 22        | 40         | 62.5°      | DC**11T3**   | 0.12     |
| SD40-SDXCR-11 | 20       | 40            | 28     | 27        | 50         | 62.5°      | DC**11T3**   | 0.18     |
| SD16-SDXCL-07 | 15       | 16            | 18.8   | 13        | 22         | 62.5°      | DC**0702**   | 0.03     |
| SD20-SDXCL-07 | 15       | 20            | 18.8   | 15        | 27         | 62.5°      | DC**0702**   | 0.04     |
| SD25-SDXCL-07 | 15       | 25            | 18.8   | 18        | 33         | 62.5°      | DC**0702**   | 0.06     |
| SD32-SDXCL-11 | 20       | 32            | 28     | 22        | 40         | 62.5°      | DC**11T3**   | 0.12     |
| SD40-SDXCL-11 | 20       | 40            | 28     | 27        | 50         | 62.5°      | DC**11T3**   | 0.18     |

# ·备件 SPARE PARTS

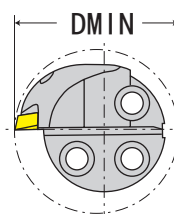
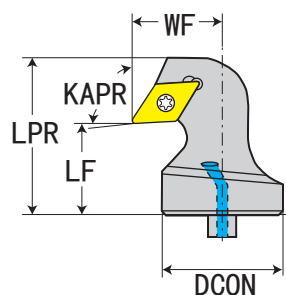
| 型号<br>Model     | 螺丝 Screw          | 旗型扳手<br>Wrench | 刀垫<br>Shim     | 刀垫螺套<br>Sleeve for shim | 刀垫扳手<br>Allen key for shim | 定位销<br>Locating pin |
|-----------------|-------------------|----------------|----------------|-------------------------|----------------------------|---------------------|
| SD16-SDXCR/L-07 | SR21-M2.5*0.45P*5 | T8             | -              | -                       | -                          | D4-3*7              |
| SD20-SDXCR/L-07 | SR21-M2.5*0.45P*5 | T8             | -              | -                       | -                          | D6-5*8              |
| SD25-SDXCR/L-07 | SR21-M2.5*0.45P*5 | T8             | -              | -                       | -                          | D6-5*9              |
| SD32-SDXCR/L-11 | SR21-M4*0.7P*11   | T15            | ST01-CC11*2.82 | SRT-M6-M4*6.9           | KEY01-M4                   | D6-5*11             |
| SD40-SDXCR/L-11 | SR21-M4*0.7P*11   | T15            | ST01-CC11*2.82 | SRT-M6-M4*6.9           | KEY01-M4                   | D6-5*11             |

规格说明:



## · 正型 93°反镗刀头

## POSITIVE TYPE 93° BACK BORING



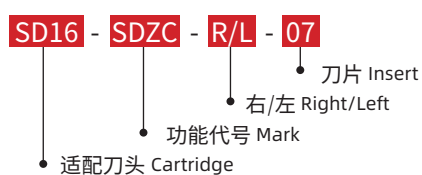
| 型号<br>Model   | 长度<br>LF | 安装面直径<br>DCON | 全长 LPR | 中心距<br>WF | 范围<br>DMIN | 角度<br>KARP | 刀片<br>Insert | 重量<br>KG |
|---------------|----------|---------------|--------|-----------|------------|------------|--------------|----------|
| SD16-SDZCR-07 | 15       | 16            | 26.6   | 13        | 22         | 93°        | DC**0702**   | 0.03     |
| SD20-SDZCR-07 | 15       | 20            | 26.6   | 15        | 27         | 93°        | DC**0702**   | 0.05     |
| SD25-SDZCR-07 | 15       | 25            | 26.6   | 18        | 33         | 93°        | DC**0702**   | 0.06     |
| SD32-SDZCR-11 | 20       | 32            | 37     | 22        | 40         | 93°        | DC**11T3**   | 0.14     |
| SD40-SDZCR-11 | 20       | 40            | 37     | 27        | 50         | 93°        | DC**11T3**   | 0.22     |
| SD16-SDZCL-07 | 15       | 16            | 26.6   | 13        | 22         | 93°        | DC**0702**   | 0.03     |
| SD20-SDZCL-07 | 15       | 20            | 26.6   | 15        | 27         | 93°        | DC**0702**   | 0.05     |
| SD25-SDZCL-07 | 15       | 25            | 26.6   | 18        | 33         | 93°        | DC**0702**   | 0.06     |
| SD32-SDZCL-11 | 20       | 32            | 37     | 22        | 40         | 93°        | DC**11T3**   | 0.14     |
| SD40-SDZCL-11 | 20       | 40            | 37     | 27        | 50         | 93°        | DC**11T3**   | 0.22     |

## · 备件

## SPARE PARTS

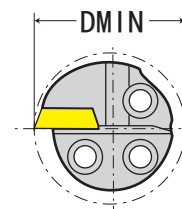
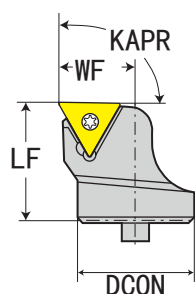
| 型号<br>Model     | 螺丝 Screw          | 旗型扳手<br>Wrench | 刀垫<br>Shim     | 刀垫螺套<br>Sleeve for shim | 刀垫扳手<br>Allen key for shim | 定位销<br>Locating pin |
|-----------------|-------------------|----------------|----------------|-------------------------|----------------------------|---------------------|
| SD16-SDZCR/L-07 | SR21-M2.5*0.45P*5 | T8             | -              | -                       | -                          | D4-3*7              |
| SD20-SDZCR/L-07 | SR21-M2.5*0.45P*5 | T8             | -              | -                       | -                          | D6-5*8              |
| SD25-SDZCR/L-07 | SR21-M2.5*0.45P*5 | T8             | -              | -                       | -                          | D6-5*9              |
| SD32-SDZCR/L-11 | SR21-M4*0.7P*11   | T15            | ST01-CC11*2.82 | SRT-M6-M4*6.9           | KEY01-M4                   | D6-5*11             |
| SD40-SDZCR/L-11 | SR21-M4*0.7P*11   | T15            | ST01-CC11*2.82 | SRT-M6-M4*6.9           | KEY01-M4                   | D6-5*11             |

规格说明:



# ·正型 91°正镗刀头

POSITIVE TYPE 91° PROFILE-TURNING

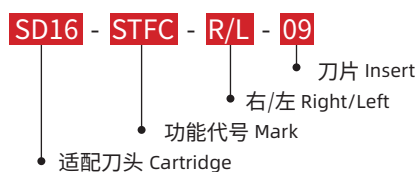


| 型号<br>Model   | 长度<br>LF | 安装面直径<br>DCON | 中心距 WF | 范围<br>DMIN | 角度<br>KAPR | 刀片<br>Insert | 重量<br>KG |
|---------------|----------|---------------|--------|------------|------------|--------------|----------|
| SD16-STFCR-09 | 20       | 16            | 11     | 20         | 91°        | TC**0902**   | 0.03     |
| SD16-STFCR-11 | 20       | 16            | 11     | 20         | 91°        | TC**1102**   | 0.03     |
| SD20-STFCR-11 | 20       | 20            | 13     | 25         | 91°        | TC**1102**   | 0.04     |
| SD25-STFCR-11 | 20       | 25            | 17     | 32         | 91°        | TC**1102**   | 0.06     |
| SD32-STFCR-16 | 32       | 32            | 22     | 40         | 91°        | TC**16T3**   | 0.14     |
| SD40-STFCR-16 | 32       | 40            | 27     | 50         | 91°        | TC**16T3**   | 0.21     |
| SD16-STFCL-09 | 20       | 16            | 11     | 20         | 91°        | TC**0902**   | 0.03     |
| SD16-STFCL-11 | 20       | 16            | 11     | 20         | 91°        | TC**1102**   | 0.03     |
| SD20-STFCL-11 | 20       | 20            | 13     | 25         | 91°        | TC**1102**   | 0.04     |
| SD25-STFCL-11 | 20       | 25            | 17     | 32         | 91°        | TC**1102**   | 0.06     |
| SD32-STFCL-16 | 32       | 32            | 22     | 40         | 91°        | TC**16T3**   | 0.14     |
| SD40-STFCL-16 | 32       | 40            | 27     | 50         | 91°        | TC**16T3**   | 0.21     |

# ·备件 SPARE PARTS

| 型号 Model        | 螺丝 Screw            | 旗型扳手 Wrench | 定位销 Locating pin |
|-----------------|---------------------|-------------|------------------|
| SD16-STFCR/L-09 | SR21-M2.2*0.45P*5.5 | T7          | D4-3*7           |
| SD16-STFCR/L-11 | SR21-M2.5*0.45P*6   | T8          | D4-3*7           |
| SD20-STFCR/L-11 | SR21-M2.5*0.45P*6   | T8          | D6-5*8           |
| SD25-STFCR/L-11 | SR21-M2.5*0.45P*6   | T8          | D6-5*9           |
| SD32-STFCR/L-16 | SR21-M4*0.7P*9.5    | T15         | D6-5*11          |
| SD40-STFCR/L-16 | SR21-M4*0.7P*9.5    | T15         | D6-5*11          |

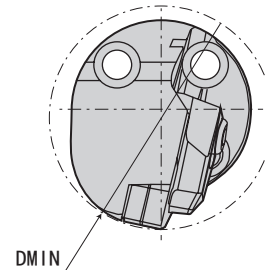
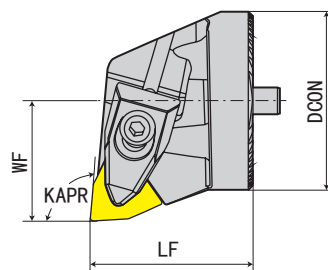
规格说明:



A

# ·负型 95°正镗刀头

NEGATIVE TYPE 91° PROFILE-TURNING



| 型号<br>Model   | 长度<br>LF | 安装面直径<br>DCON | 中心距 WF | 范围<br>DMIN | 角度<br>KAPR | 刀片<br>Insert | 重量<br>KG |
|---------------|----------|---------------|--------|------------|------------|--------------|----------|
| SD32-DWLN-06T | 32       | 32            | 22     | 40         | 95 度       | WN**0604**   | 0.11     |
| SD32-DWLN-08T | 36       | 32            | 24     | 46         | 95 度       | WN**0804**   | 0.12     |
| SD40-DWLN-08T | 36       | 40            | 27     | 50         | 95 度       | WN**0804**   | 0.23     |
| SD32-DWLN-06T | 32       | 32            | 22     | 40         | 95 度       | WN**0604**   | 0.11     |
| -08T          | 36       | 32            | 24     | 46         | 95 度       | WN**0804**   | 0.12     |
| SD40-DWLN-08T | 36       | 40            | 27     | 50         | 95 度       | WN**0804**   | 0.23     |

## ·备件 SPARE PARTS

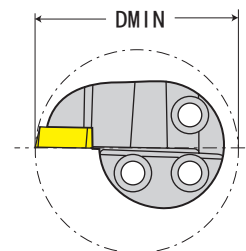
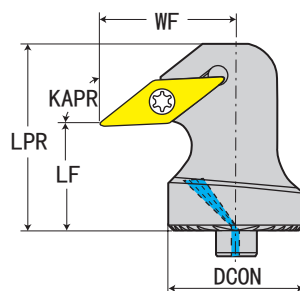
| 型号<br>Model     | 压板<br>Clamping pad | 压板弹簧<br>Spring for clamping pad | 压板螺钉<br>Screw for clamping pad | 刀垫<br>Shim    | 压板扳手<br>Allen key for clamping pad | 刀垫锁紧螺钉<br>Clamping screw for shim | 刀垫扳手<br>Allen key for shim | 定位销<br>Locating pin |
|-----------------|--------------------|---------------------------------|--------------------------------|---------------|------------------------------------|-----------------------------------|----------------------------|---------------------|
| SD32-DWLN/L-06T | PB10DDN11          | YH7*0.6*13                      | SR59M4*16                      | ST01WN06*3.18 | KEY01-M2.5                         | SR20-M4*0.7P*9.5                  | KEY02-T15                  | D6-5*11             |
| SD32-DWLN/L-08T | PB10DCN12          | YH8*0.6*13                      | SR59M5*20                      | ST01WN08*3.18 | KEY01-M3                           | SR20-M5*0.8P*10                   | KEY02-T20                  | D6-5*11             |
| SD40-DWLN/L-08T | PB10DCN12          | YH8*0.6*13                      | SR59M5*20                      | ST01WN08*6.35 | KEY01-M3                           | SR20-M4*0.7P*9.5                  | KEY02-T15                  | D6-5*11             |

规格说明:



# ·正型 93°反镗仿形刀头

POSITIVE TYPE 93° BACK BORING PROFILE-TURNING

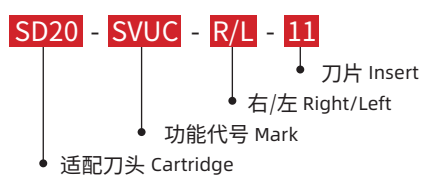


| 型号<br>Model   | 长度<br>LF | 安装面直径<br>DCON | 全长<br>LPR | 中心距<br>WF | 范围<br>DMIN | 角度<br>KARP | 刀片 Insert  | 重量<br>KG |
|---------------|----------|---------------|-----------|-----------|------------|------------|------------|----------|
| SD20-SVUCR-11 | 15       | 20            | 27        | 20        | 32         | 93°        | VC**1103** | 0.05     |
| SD25-SVUCR-11 | 15       | 25            | 27        | 22        | 37         | 93°        | VC**1103** | 0.08     |
| SD20-SVUCL-11 | 15       | 20            | 27        | 20        | 32         | 93°        | VC**1103** | 0.05     |
| SD25-SVUCL-11 | 15       | 25            | 27        | 22        | 37         | 93°        | VC**1103** | 0.08     |

# ·备件 SPARE PARTS

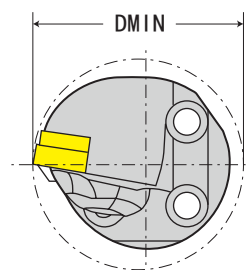
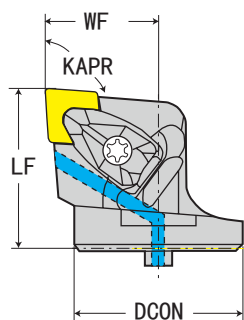
| 型号 Model        | 螺丝 Screw          | 旗型扳手 Wrench | 定位销 Locating pin |
|-----------------|-------------------|-------------|------------------|
| SD20-SVUCR/L-11 | SR20-M2.5*0.45P*6 | T8          | D6-5*8           |
| SD25-SVUCR/L-11 | SR20-M2.5*0.45P*6 | T8          | D6-5*9           |

规格说明:



## · 负型 95°正镗刀头

## NEGATIVE TYPE 95° BORING



| 型号<br>Model   | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 角度<br>KARP | 刀片<br>Insert | 重量<br>KG |
|---------------|----------|---------------|-----------|------------|------------|--------------|----------|
| SD32-DCLNR-12 | 38       | 32            | 22        | 40         | 95°        | CN**1204**   | 0.17     |
| SD40-DCLNR-12 | 38       | 40            | 27        | 50         | 95°        | CN**1204**   | 0.22     |
| SD40-DCLNR-16 | 40       | 40            | 32        | 57         | 95°        | CN**1606**   | 0.32     |
| SD40-DCLNR-19 | 42       | 40            | 34        | 57         | 95°        | CN**1906**   | 0.33     |
| SD32-DCLNL-12 | 38       | 32            | 22        | 40         | 95°        | CN**1204**   | 0.17     |
| SD40-DCLNL-12 | 38       | 40            | 27        | 50         | 95°        | CN**1204**   | 0.22     |
| SD40-DCLNL-16 | 40       | 40            | 32        | 57         | 95 度       | CN**1606**   | 0.32     |
| SD40-DCLNL-19 | 42       | 40            | 34        | 57         | 95 度       | CN**1906**   | 0.33     |

## · 备件 SPARE PARTS

| 型号<br>Model     | 压板<br>Clamping pad | 压板弹簧<br>Spring for clampin pad | 压板螺钉<br>Screw for clampin pad | 刀垫<br>Shim   | 压板扳手<br>Allen key for clampin pad | 刀垫锁紧螺钉<br>Clamping screw for shim | 刀垫扳手<br>Allen key for shim | 定位销<br>Locating pin |
|-----------------|--------------------|--------------------------------|-------------------------------|--------------|-----------------------------------|-----------------------------------|----------------------------|---------------------|
| SD32-DCLNR/L-12 | PB10DCN12          | YH8*0.6*13                     | SR59M5*20                     | ST01CN12*3.2 | KEY01-M3                          | SR20-M5*0.8P*10                   | KEY02-T20                  | D6-5*11             |
| SD40-DCLNR/L-12 | PB10DCN12          | YH8*0.6*13                     | SR59M5*20                     | ST01CN12*3.2 | KEY01-M3                          | SR20-M5*0.8P*10                   | KEY02-T20                  | D6-5*11             |
| SD40-DCLNR/L-16 | PB10DCN16          | YH9*0.8*14                     | SR59M6*26.5                   | ST01CN16*3.2 | KEY01-M4                          | -                                 | KEY02-T20                  | -                   |
| SD40-DCLNR/L-19 | PB10DCN19          | -                              | -                             | -            | -                                 | -                                 | -                          | -                   |

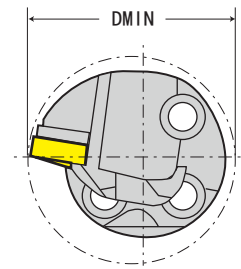
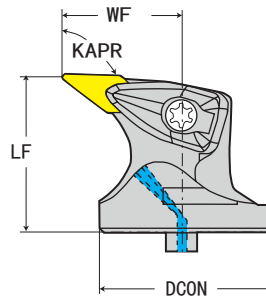
规格说明:

SD32 - DCLN - R/L - 12

- 刀片 Insert
- 右/左 Right/Left
- 功能代号 Mark
- 适配刀头 Cartridge

## ·负型 93°正镗仿形刀头

NEGATIVE TYPE 93° BORING AND PROFILE-TURNING



| 型号<br>Model          | 长度<br>LF | 安装面直径<br>DCON | 全长<br>LPR | 中心距<br>WF | 范围<br>DMIN | 角度<br>KAPR | 刀片 Insert  | 重量<br>KG |
|----------------------|----------|---------------|-----------|-----------|------------|------------|------------|----------|
| <b>SD40-DVUNR-16</b> | 20       | 40            | 38.5      | 34        | 56         | 93 度       | VN**1604** | 0.26     |
| <b>SD40-DVUNL-16</b> | 20       | 40            | 38.5      | 34        | 56         | 93 度       | VN**1604** | 0.26     |

## ·备件 SPARE PARTS

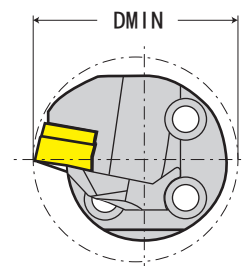
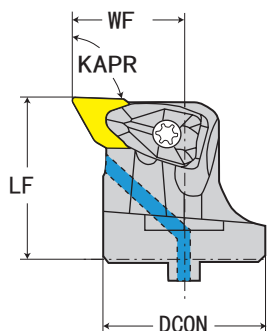
| 型号<br>Model            | 压板<br>Clamping pad | 压板弹簧<br>Spring for clamping pad | 压板螺钉<br>Screw for clamping pad | 刀垫<br>Shim   | 压板扳手<br>Allen key for clamping pad | 刀垫锁紧螺钉<br>Clamping screw for shim | 刀垫扳手<br>Allen key for shim | 定位销<br>Locating pin |
|------------------------|--------------------|---------------------------------|--------------------------------|--------------|------------------------------------|-----------------------------------|----------------------------|---------------------|
| <b>SD40-DVUNR/L-16</b> | PB10DVN16          | YH9*0.8*14                      | SR59M6*26.5                    | ST01VN16*3.2 | KEY01-M4                           | SR20-M3.5*0.6P*8.5                | KEY02-T10                  | D6-5*11             |

规格说明:



## · 负型 93°正镗仿形刀头

## NEGATIVE TYPE 93° BORING AND PROFILE-TURNING



| 型号<br>Model   | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 角度<br>KAPR | 刀片 Insert  | 重量<br>KG |
|---------------|----------|---------------|-----------|------------|------------|------------|----------|
| SD32-DDUNR-11 | 32       | 32            | 22        | 40         | 93°        | DN**1104** | 0.13     |
| SD40-DDUNR-15 | 32       | 40            | 27        | 50         | 93°        | DN**1506** | 0.21     |
| SD32-DDUNL-11 | 32       | 32            | 22        | 40         | 93°        | DN**1104** | 0.13     |
| SD40-DDUNL-15 | 32       | 40            | 27        | 50         | 93°        | DN**1506** | 0.21     |

## · 备件 SPARE PARTS

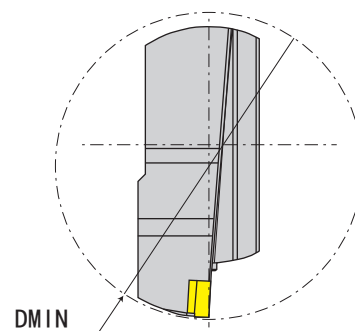
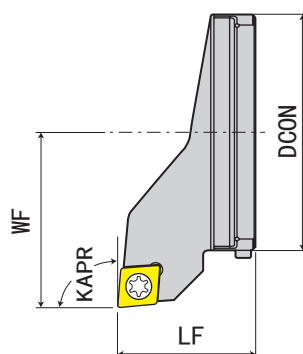
| 型号<br>Model     | 压板<br>Clamping pad | 压板弹簧<br>Spring for clamping pad | 压板螺钉<br>Screw for clamping pad | 刀垫<br>Shim    | 压板扳手<br>Allen key for clamping pad | 刀垫锁紧螺钉<br>Clamping screw for shim | 刀垫扳手<br>Allen key for shim | 定位销<br>Locating pin |
|-----------------|--------------------|---------------------------------|--------------------------------|---------------|------------------------------------|-----------------------------------|----------------------------|---------------------|
| SD32-DDUNR/L-11 | PB10DDN11          | YH7*0.6*13                      | SR59M4*16                      | ST01DN11*3.18 | KEY01-M2.5                         | SR21-M4*0.7P*9.5                  | KEY02-T15                  | D6-5*11             |
| SD40-DDUNR/L-15 | PB10DCN12          | YH8*0.6*13                      | SR59M5*20                      | ST01DN15*4.76 | KEY01-M3                           | SR20-M4*0.7P*11.5                 | KEY02-T15                  | D6-5*11             |

### 规格说明:

|      |   |      |   |                |   |           |
|------|---|------|---|----------------|---|-----------|
| SD32 | - | DDUN | - | R/L            | - | 11        |
|      |   |      |   | 右/左 Right/Left |   | 刀片 Insert |
|      |   |      |   | 功能代号 Mark      |   |           |
|      |   |      |   | 适配刀头 Cartridge |   |           |

## · 正型 95°正镗刀头

POSITIVE TYPE 95° BORING



| 型号<br>Model          | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 厚度<br>H | 角度<br>KAPR | 刀片<br>Insert | 重量<br>KG |
|----------------------|----------|---------------|-----------|------------|---------|------------|--------------|----------|
| <b>SD80-SCLCR-12</b> | 45       | 80            | 57        | 100        | 37.5    | 95°        | CC**1204**   | 0.55     |
| <b>SD80-SCLCL-12</b> | 45       | 80            | 57        | 100        | 37.5    | 95°        | CC**1204**   | 0.55     |

## · 备件 SPARE PARTS

| 型号<br>Model            | 压板<br>Clamping pad | 压板弹簧<br>Spring for clampin pad | 压板螺钉<br>Screw for clampin pad | 刀垫<br>Shim   | 压板扳手<br>Allen key for clampin pad | 刀垫锁紧螺钉<br>Clamping screw for shim | 刀垫扳手<br>Allen key for shim |
|------------------------|--------------------|--------------------------------|-------------------------------|--------------|-----------------------------------|-----------------------------------|----------------------------|
| <b>SD80-SCLCR/L-12</b> | PB10DCN12          | YH8*0.6*13                     | SR59M5*20                     | ST01CN12*3.2 | KEY01-M3                          | SR20-M5*0.8P*10                   | KEY02-T20                  |

规格说明:

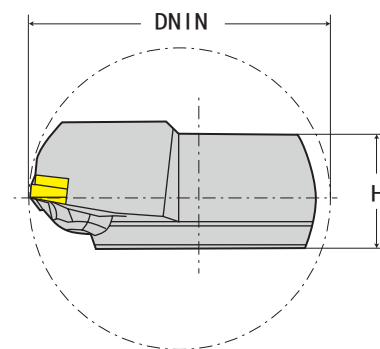
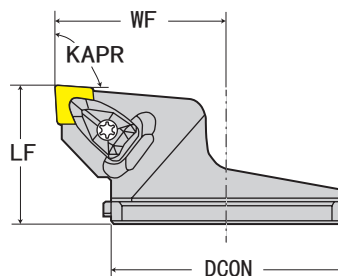


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阻尼减振刀具  
DAMPING TOOLS

## · 负型 95°正镗刀头

NEGATIVE TYPE 95° BORING



| 型号<br>Model   | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 厚度<br>H | 角度<br>KARP | 刀片<br>Insert | 重量<br>KG |
|---------------|----------|---------------|-----------|------------|---------|------------|--------------|----------|
| SD80-DCLNR-12 | 45       | 80            | 57        | 100        | 37.5    | 95°        | CN**1204**   | 0.56     |
| SD80-DCLNR-16 | 45       | 80            | 57        | 100        | 37.5    | 95°        | CN**1606**   | 0.6      |
| SD80-DCLNL-12 | 45       | 80            | 57        | 100        | 37.5    | 95°        | CN**1204**   | 0.56     |
| SD80-DCLNL-16 | 45       | 80            | 57        | 100        | 37.5    | 95°        | CN**1606**   | 0.6      |

## · 备件 SPARE PARTS

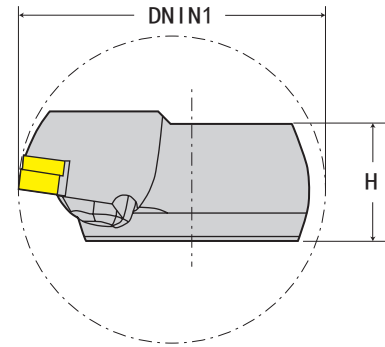
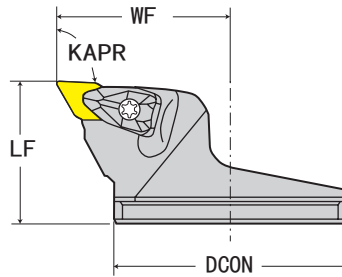
| 型号<br>Model     | 压板<br>Clamping pad | 压板弹簧<br>Spring for clampin pad | 压板螺钉<br>Screw for clampin pad | 刀垫<br>Shim   | 压板扳手<br>Allen key for clampin pad | 刀垫锁紧螺钉<br>Clamping screw for shim | 刀垫扳手<br>Allen key for shim |
|-----------------|--------------------|--------------------------------|-------------------------------|--------------|-----------------------------------|-----------------------------------|----------------------------|
| SD80-DCLNR/L-12 | PB10DCN12          | YH8*0.6*13                     | SR59M5*20                     | ST01CN12*3.2 | KEY01-M3                          | SR20-M5*0.8P*10                   | KEY02-T20                  |
| SD80-DCLNR/L-16 | PB10DCN16          | YH9*0.8*14                     | SR59M6*26.5                   | ST01CN16*3.2 | KEY01-M4                          | -                                 | KEY02-T20                  |

规格说明:



# ·负型 93°正镗仿形刀头

## NEGATIVE TYPE 93° BORING AND PROFILE-TURNING

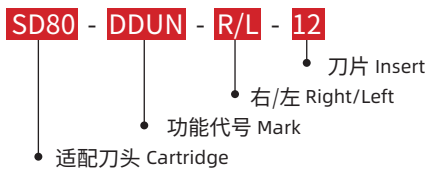


| 型号<br>Model          | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 厚度<br>H | 角度<br>KARP | 刀片<br>Insert | 重量<br>KG |
|----------------------|----------|---------------|-----------|------------|---------|------------|--------------|----------|
| <b>SD80-DDUNR-15</b> | 45       | 80            | 57        | 100        | 37.5    | 93°        | DN**1506**   | 0.55     |
| <b>SD80-DDUNL-15</b> | 45       | 80            | 57        | 100        | 37.5    | 93°        | DN**1506**   | 0.55     |

# ·备件 SPARE PARTS

| 型号<br>Model             | 压板<br>Clamping pad | 压板弹簧<br>Spring for clamping pad | 压板螺钉<br>Screw for clamping pad | 刀垫<br>Shim    | 压板扳手<br>Allen key for clamping pad | 刀垫锁紧螺钉<br>Clamping screw for shim | 刀垫扳手<br>Allen key for shim |
|-------------------------|--------------------|---------------------------------|--------------------------------|---------------|------------------------------------|-----------------------------------|----------------------------|
| <b>SD80-DDUNR/L-15X</b> | PB10DCN12          | YH8*0.6*13                      | SR59M5*20                      | ST01DN15*4.76 | KEY01-M3                           | SR20-M4*0.7P*11.5                 | KEY02-T15                  |

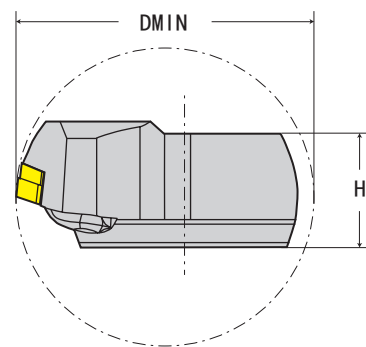
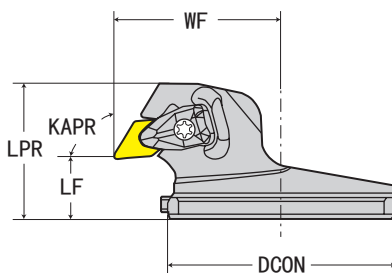
规格说明:



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## · 负型 93°反镗仿形刀头

NEGATIVE TYPE 93° BACK BORING AND PROFILE-TURNING



| 型号<br>Model    | 长度<br>LF | 安装面直径<br>DCON | 全长<br>LPR | 中心距<br>WF | 范围<br>DMIN | 厚度<br>H | 角度<br>KARP | 刀片<br>Insert | 重量<br>KG |
|----------------|----------|---------------|-----------|-----------|------------|---------|------------|--------------|----------|
| SD80-DDUNR-15X | 20       | 80            | 45        | 57        | 100        | 37.5    | 93°        | DN**1506**   | 0.55     |
| SD80-DDUNL-15X | 20       | 80            | 45        | 57        | 100        | 37.5    | 93°        | DN**1506**   | 0.55     |

## · 备件 SPARE PARTS

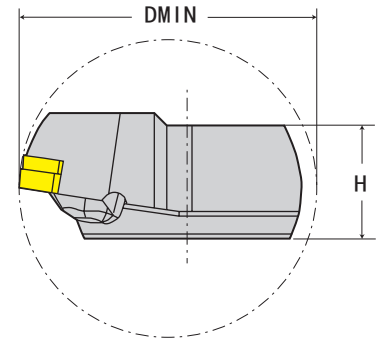
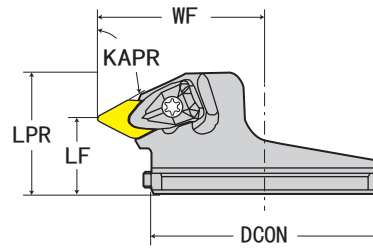
| 型号<br>Model      | 压板<br>Clamping pad | 压板弹簧<br>Spring for clamping pad | 压板螺钉<br>Screw for clamping pad | 刀垫<br>Shim    | 压板扳手<br>Allen key for clamping pad | 刀垫锁紧螺钉<br>Clamping screw for shim | 刀垫扳手<br>Allen key for shim |
|------------------|--------------------|---------------------------------|--------------------------------|---------------|------------------------------------|-----------------------------------|----------------------------|
| SD80-DDUNR/L-15X | PB10DCN12          | YH8*0.6*13                      | SR59M5*20                      | ST01DN15*4.76 | KEY01-M3                           | SR20-M4*0.7P*11.5                 | KEY02-T15                  |

规格说明:



# ·负型 62.5°仿形刀头

NEGATIVE TYPE 62.5° BORING AND PROFILE-TURNING

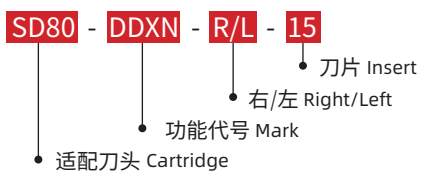
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阻尼减振刀具  
DAMPING TOOLS


| 型号<br>Model          | 长度<br>LF | 安装面直径<br>DCON | 全长<br>LPR | 中心距<br>WF | 范围<br>DMIN | 厚度<br>H | 角度<br>KAPR | 刀片<br>Insert | 重量<br>KG |
|----------------------|----------|---------------|-----------|-----------|------------|---------|------------|--------------|----------|
| <b>SD80-DDXNR-15</b> | 25       | 80            | 40.3      | 57        | 100        | 37.5    | 62.5       | DN**1506**   | 0.5      |
| <b>SD80-DDXNL-15</b> | 25       | 80            | 40.3      | 57        | 100        | 37.5    | 62.5       | DN**1506**   | 0.5      |

## ·备件 SPARE PARTS

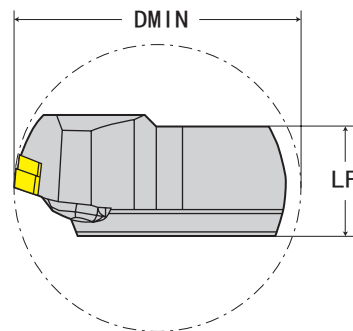
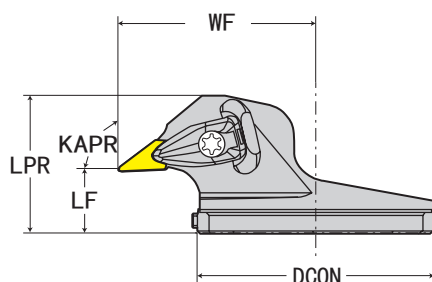
| 型号<br>Model            | 压板<br>Clamping pad | 压板弹簧<br>Spring for clampin pad | 压板螺钉<br>Screw for clampin pad | 刀垫<br>Shim    | 压板扳手<br>Allen key for clampin pad | 刀垫锁紧螺钉<br>Clamping screw for shim | 刀垫扳手<br>Allen key for shim |
|------------------------|--------------------|--------------------------------|-------------------------------|---------------|-----------------------------------|-----------------------------------|----------------------------|
| <b>SD80-DDXNR/L-15</b> | PB10DCN12          | YH8*0.6*13                     | SR59M5*20                     | ST01DN15*4.76 | KEY01-M3                          | SR20-M4*0.7P*11.5                 | KEY02-T15                  |

规格说明:



### ·负型 93°反镗仿形刀头

## NEGATIVE TYPE 93° BACK BORING AND PROFILE-TURNING



| 型号<br>Model           | 长度<br>LF | 安装面直径<br>DCON | 全长<br>LPR | 中心距<br>WF | 范围<br>DMIN | 厚度<br>H | 角度<br>KARP | 刀片<br>Insert | 重量<br>KG |
|-----------------------|----------|---------------|-----------|-----------|------------|---------|------------|--------------|----------|
| <b>SD80-DVUNR-16X</b> | 20       | 80            | 45        | 64        | 100        | 37.5    | 93°        | VN**1604**   | 0.55     |
| <b>SD80-DVUNL-16X</b> | 20       | 80            | 45        | 64        | 100        | 37.5    | 93°        | VN**1604**   | 0.55     |

## ·备件 SPARE PARTS

| 型号<br>Model      | 压板<br>Clamping pad | 压板弹簧<br>Spring for clampin pad | 压板螺钉<br>Screw for clampin pad | 刀垫<br>Shim   | 压板扳手<br>Allen key for clampin pad | 刀垫锁紧螺钉<br>Clamping screw for shim | 刀垫扳手<br>Allen key for shim |
|------------------|--------------------|--------------------------------|-------------------------------|--------------|-----------------------------------|-----------------------------------|----------------------------|
| SD80-DVUNR/L-16X | PB10DVN16          | YH9*0.8*14                     | SR59M6*26.5                   | ST01VN16*3.2 | KEY01-M4                          | SR20-M3.5*0.6P*8.5                | KEY02-T10                  |

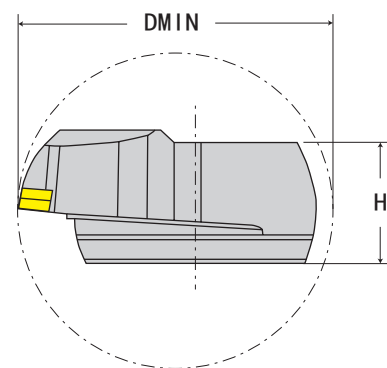
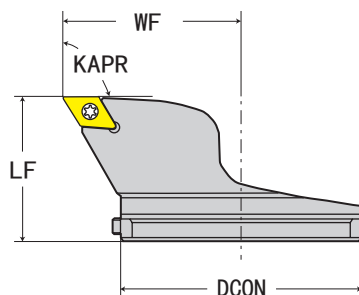
规格说明:

SD80 - DVUN - R/L - 16

- 适配刀头 Cartridge
- 功能代号 Mark
- 右/左 Right/Left
- 刀片 Insert

## · 正型 93°正镗仿形刀头

POSITIVE TYPE 93° BORING AND PROFILE-TURNING



| 型号<br>Model          | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 厚度<br>H | 角度<br>KARP | 刀片<br>Insert | 重量<br>KG |
|----------------------|----------|---------------|-----------|------------|---------|------------|--------------|----------|
| <b>SD80-SDUCR-11</b> | 45.7     | 80            | 57        | 100        | 37.5    | 93°        | DC**11T3**   | 0.55     |
| <b>SD80-SDUCL-11</b> | 45.7     | 80            | 57        | 100        | 37.5    | 93°        | DC**11T3**   | 0.55     |

## · 备件

SPARE PARTS

| 型号 Model               | 螺丝<br>Screw     | 旗型扳手<br>Wrench | 刀垫<br>Shim     | 刀垫螺套<br>Sleeve for shim | 刀垫扳手<br>Allen key for shim |
|------------------------|-----------------|----------------|----------------|-------------------------|----------------------------|
| <b>SD80-SDUCR/L-11</b> | SR21-M4*0.7P*11 | T15            | ST01-CC11*2.82 | SRT-M6-M4*6.9           | KEY01-M4                   |

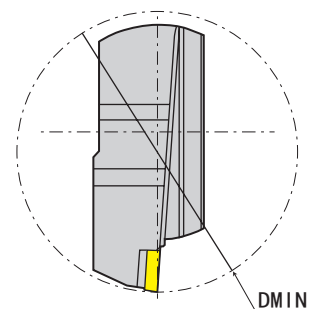
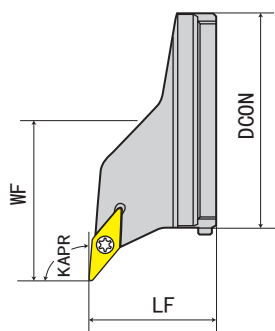
规格说明:

|                |               |                |             |
|----------------|---------------|----------------|-------------|
| <b>SD80</b>    | <b>- SDUC</b> | <b>- R/L</b>   | <b>- 11</b> |
| 适配刀头 Cartridge | 功能代号 Mark     | 右/左 Right/Left | 刀片 Insert   |

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## · 正型 95°正镗仿形刀头

POSITIVE TYPE 95° BORING AND PROFILE-TURNING



| 型号<br>Model    | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 厚度<br>H | 角度<br>KARP | 刀片<br>Insert | 重量<br>KG |
|----------------|----------|---------------|-----------|------------|---------|------------|--------------|----------|
| SD80-SVLCR-16T | 45       | 80            | 57        | 100        | 37.5    | 95°        | VC**1604**   | 0.44     |
| SD80-SVLCR-16T | 45       | 80            | 57        | 100        | 37.5    | 95°        | VC**1604**   | 0.44     |

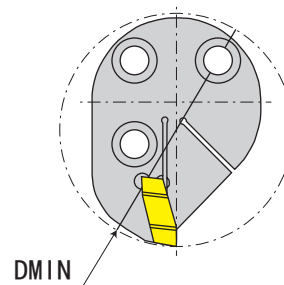
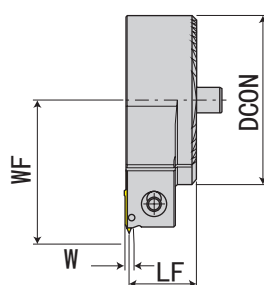
## · 备件 SPARE PARTS

| 型号 Model         | 螺丝<br>Screw     | 旗型扳手<br>Wrench | 刀垫<br>Shim     | 刀垫螺套<br>Sleeve for shim | 刀垫扳手<br>Allen key for shim |
|------------------|-----------------|----------------|----------------|-------------------------|----------------------------|
| SD80-SVLCR/L-16T | SR21-M4*0.7P*11 | T15            | ST01-CC16*2.82 | SRT-M6-M4*6.9           | KEY01-M4                   |

规格说明:

|                |           |                |           |
|----------------|-----------|----------------|-----------|
| SD80           | - SVLC    | - R/L          | - 16      |
| 适配刀头 Cartridge | 功能代号 Mark | 右/左 Right/Left | 刀片 Insert |

## ·槽刀刀头 GROOVING HEAD

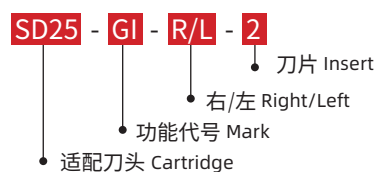


| 型号<br>Model         | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 槽宽<br>W | 刀片<br>Insert | 重量<br>KG |
|---------------------|----------|---------------|-----------|------------|---------|--------------|----------|
| <b>SD25-GIR/L-2</b> | 14       | 25            | 17.5      | 31         | 2       | HG2002       | 0.45     |
| <b>-3</b>           | 14       | 25            | 17.5      | 31         | 3       | HG3003       | 0.45     |
| <b>SD32-GIR/L-2</b> | 18       | 32            | 20        | 37         | 2       | HG2002       | 0.45     |
| <b>-3</b>           | 18       | 32            | 20        | 37         | 3       | HG3003       | 0.45     |
| <b>SD40-GIR/L-2</b> | 18       | 40            | 24        | 45         | 2       | HG2002       | 0.45     |
| <b>-3</b>           | 18       | 40            | 25        | 46         | 3       | HG3003       | 0.45     |
| <b>-4</b>           | 18       | 40            | 28        | 49         | 4       | HG4004       | 0.45     |

## ·备件 SPARE PARTS

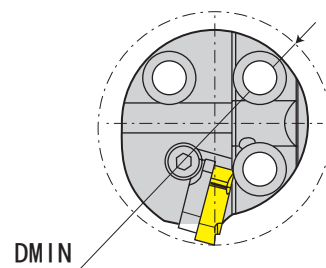
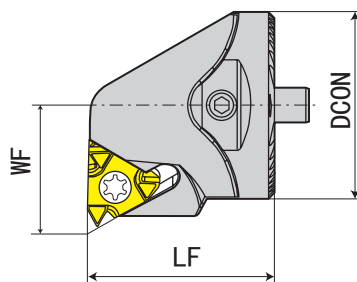
| 型号 Model            | 螺丝 Screw        | 旗型扳手 Wrench | 定位销 Locating pin |
|---------------------|-----------------|-------------|------------------|
| <b>SD25-GIR/L-2</b> | SR55-M4*0.7P*12 | KEY01-M3    | D6-5*9           |
| <b>-3</b>           | SR55-M4*0.7P*12 | KEY01-M3    | D6-5*9           |
| <b>SD32-GIR/L-2</b> | SR55-M4*0.7P*12 | KEY01-M3    | D6-5*11          |
| <b>-3</b>           | SR55-M4*0.7P*12 | KEY01-M3    | D6-5*11          |
| <b>SD40-GIR/L-2</b> | SR55-M4*0.7P*12 | KEY01-M3    | D6-5*11          |
| <b>-3</b>           | SR55-M4*0.7P*12 | KEY01-M3    | D6-5*11          |
| <b>-4</b>           | SR55-M4*0.7P*12 | KEY01-M3    | D6-5*11          |

规格说明:



## · 螺纹刀头

## THREADING TOOL CARTRIDGE



| 型号<br>Model    | 长度<br>LF | 安装面直径<br>DCON | 中心距<br>WF | 范围<br>DMIN | 刀片<br>Insert | 重量<br>KG |
|----------------|----------|---------------|-----------|------------|--------------|----------|
| SD20-SIR/L-16  | 25       | 20            | 14        | 25         | 16IR/L       | 0.04     |
| SD25-SIR/L-16T | 25       | 25            | 17        | 32         | 16IR/L       | 0.05     |
| SD32-SIR/L-16T | 32       | 32            | 22        | 40         | 16IR/L       | 0.11     |
| SD32-SIR/L-22T | 32       | 32            | 22        | 40         | 22IR/L       | 0.11     |
| SD40-SIR/L-16T | 32       | 40            | 27        | 50         | 16IR/L       | 0.17     |
| SD40-SIR/L-22T | 32       | 40            | 27        | 50         | 22IR/L       | 0.17     |

## · 备件

## SPARE PARTS

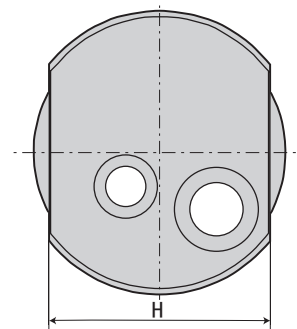
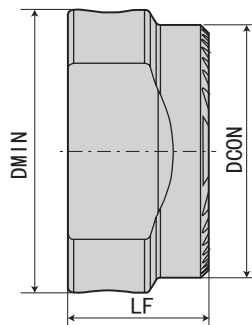
| 型号<br>Model    | 螺丝<br>Screw         | 旗型扳手<br>Wrench | 刀垫<br>Shim | 刀垫螺套<br>Sleeve for shim | 定位销<br>Locating pin |
|----------------|---------------------|----------------|------------|-------------------------|---------------------|
| SD20-SIR/L-16  | SR20-M3.5*0.6P*11.5 | KEY02-T10      | *          | *                       | D6-5*9              |
| SD25-SIR/L-16T | SR20-M3.5*0.6P*11.5 | KEY02-T10      | AI16       | SR55-M3*6               | D6-5*9              |
| SD32-SIR/L-16T | SR20-M3.5*0.6P*11.5 | KEY02-T10      | AI16       | SR55-M3*6               | D6-5*11             |
| SD32-SIR/L-22T | SR20-M4*0.7P*15     | KEY02-T15      | AI22       | SR55-M3*6               | D6-5*11             |
| SD40-SIR/L-16T | SR20-M3.5*0.6P*11.5 | KEY02-T10      | AI16       | SR55-M3*6               | D6-5*11             |
| SD40-SIR/L-22T | SR20-M4*0.7P*15     | KEY02-T15      | AI22       | SR55-M3*6               | D6-5*11             |

规格说明:



·中心校正块

CENTRE CALIBRATION BLOCK



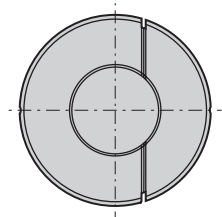
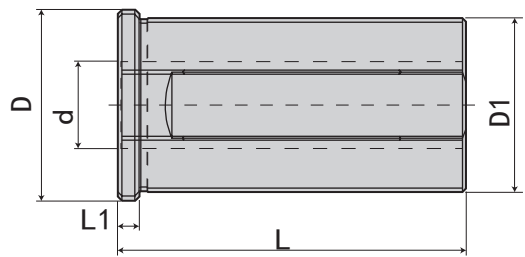
| 型号<br>Model | 长度<br>LF | 安装面直径<br>DCON | 范围<br>DMIN | H  | 重量<br>KG |
|-------------|----------|---------------|------------|----|----------|
| SDXZ16-25   | 14       | 25            | 28         | 22 | 0.05     |
| SDXZ32-60   | 25       | 60            | 62         | 52 | 0.45     |

A

阻尼减振刀具  
DAMPING TOOLS

· 阻尼减振刀杆专用变径套

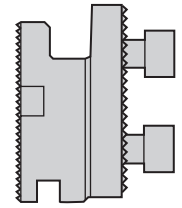
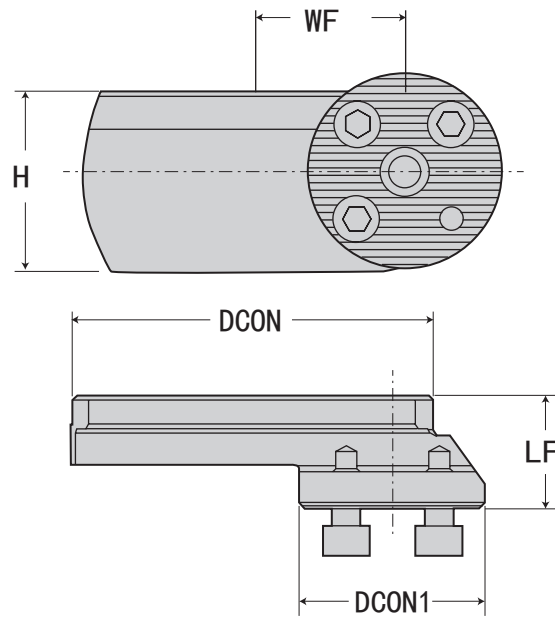
DAMPING TOOL SLEEVE



| 型号<br>Model | D  | D1 | d  | L   | L1 | 重量 KG |
|-------------|----|----|----|-----|----|-------|
| SD32-16-65  | 36 | 32 | 16 | 65  | 5  |       |
| SD32-20-65  | 36 | 32 | 20 | 65  | 5  |       |
| SD32-20-85  | 38 | 32 | 20 | 85  | 5  |       |
| SD40-16-75  | 44 | 40 | 16 | 75  | 5  |       |
| SD40-20-75  | 44 | 40 | 20 | 75  | 5  |       |
| SD40-20-105 | 46 | 40 | 20 | 105 | 5  |       |
| SD40-25-75  | 44 | 40 | 25 | 75  | 5  |       |
| SD40-25-105 | 46 | 40 | 25 | 105 | 5  |       |
| SD40-32-128 | 50 | 40 | 32 | 128 | 5  |       |
| SD50-20-125 | 56 | 50 | 20 | 125 | 5  |       |
| SD50-25-125 | 56 | 50 | 25 | 125 | 5  |       |
| SD50-32-128 | 60 | 50 | 32 | 128 | 5  |       |
| SD50-40-160 | 60 | 50 | 40 | 160 | 5  |       |
| SD60-32-128 | 70 | 60 | 32 | 128 | 5  |       |
| SD60-40-160 | 70 | 60 | 40 | 160 | 5  |       |
| SD60-50-200 | 70 | 60 | 50 | 200 | 5  |       |

# ·转换刀座

CONVERSION TOOL HOLDER

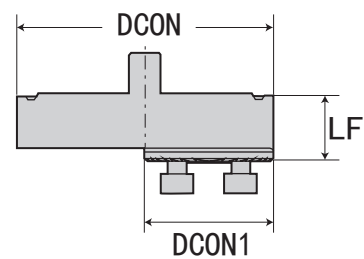
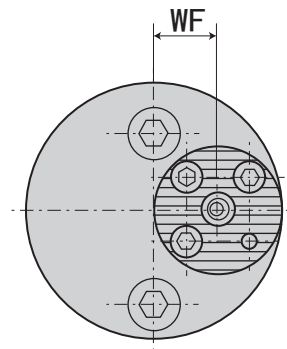


| 型号<br>Model   | 长度 LF | 安装面直径<br>DCON | 安装面直径<br>DCON1 | H    | 中心距 WF | 重量 KG |
|---------------|-------|---------------|----------------|------|--------|-------|
| SD80-23-40R/L | 23    | 80            | 40             | 37.5 | 70     | 0.3   |

A

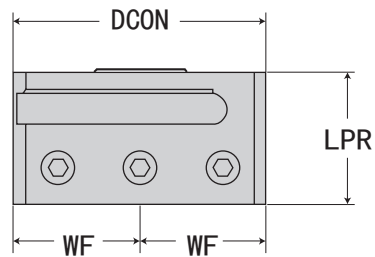
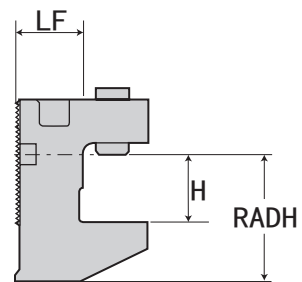
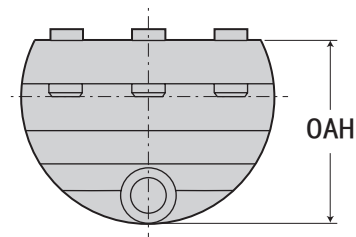
·转换刀座

CONVERSION TOOL HOLDER



| 型号<br>Model    | 长度 LF | 安装面直径<br>DCON | 安装面直径<br>DCON1 | H    | 中心距 WF | 重量 KG |
|----------------|-------|---------------|----------------|------|--------|-------|
| SD80-20-20-40R | 20    | 80            | 40             | 37.5 | 20     | 0.8   |
| SD80-20-30-40R | 20    | 80            | 40             | 37.5 | 30     | 1.1   |

·转换刀座 CONVERSION TOOL HOLDER



| 型号<br>Model | 安装面直径<br>DCON | H    | LPR | LF | WF   | HF | OAW | OAH | 重量 KG |
|-------------|---------------|------|-----|----|------|----|-----|-----|-------|
| SD80-20*20  | 80            | 37.5 | 40  | 20 | 38.5 | 20 | 77  | 56  | 0.7   |

## ·HSK63A-FMHC 阻尼减振铣刀柄

## HSK63A-FMHC DAMPING MILLING TOOL HOLDER



Fig. 1

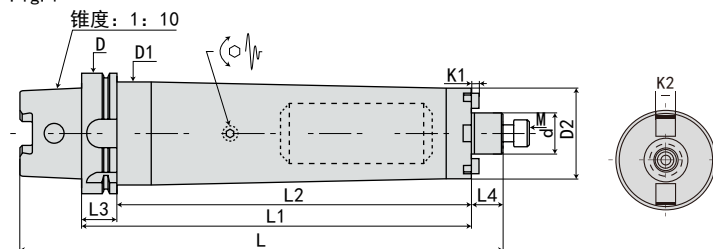
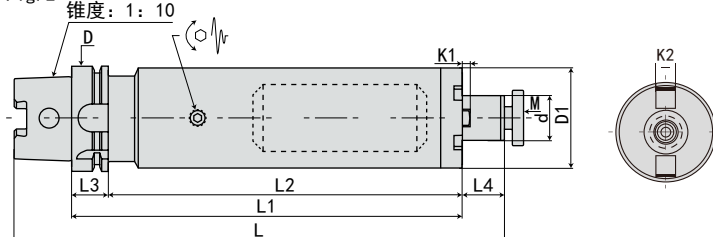


Fig. 2



| 规格 Model                     | L   | L1  | L2  | L3 | L4 | D  | D1 | D2 | d  | K1  | K2 | M         | Fig | 重量 KG |
|------------------------------|-----|-----|-----|----|----|----|----|----|----|-----|----|-----------|-----|-------|
| <b>HSK63A-FMHC16-150-D37</b> | 199 | 150 | 124 | 26 | 17 | 63 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  | 1   |       |
| -200-D37                     | 249 | 200 | 174 | 26 | 17 | 63 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  | 1   |       |
| -250-D37                     | 299 | 250 | 224 | 26 | 17 | 63 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  | 1   |       |
| -300-D37                     | 349 | 300 | 274 | 26 | 17 | 63 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  | 1   |       |
| -350-D37                     | 399 | 350 | 324 | 26 | 17 | 63 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  | 1   |       |
| <b>-FMHC22-150-D47</b>       | 200 | 150 | 124 | 26 | 17 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| -200-D47                     | 250 | 200 | 174 | 26 | 17 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| -250-D47                     | 300 | 250 | 224 | 26 | 18 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| -300-D47                     | 350 | 300 | 274 | 26 | 18 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| -350-D47                     | 400 | 350 | 324 | 26 | 18 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| -400-D47                     | 450 | 400 | 374 | 26 | 18 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| -450-D47                     | 500 | 450 | 424 | 26 | 18 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| -500-D47                     | 550 | 500 | 474 | 26 | 18 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| <b>-FMHC27-200-D60</b>       | 252 | 200 | 174 | 26 | 20 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |
| -250-D60                     | 302 | 250 | 224 | 26 | 20 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |
| -300-D60                     | 352 | 300 | 274 | 26 | 20 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |
| -350-D60                     | 402 | 350 | 324 | 26 | 20 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |
| -400-D60                     | 452 | 400 | 374 | 26 | 20 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |
| -450-D60                     | 502 | 450 | 424 | 26 | 20 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |
| -500-D60                     | 552 | 500 | 474 | 26 | 20 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |

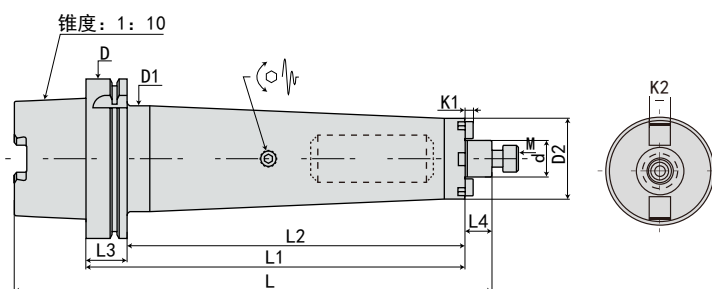
规格说明:

HSK63A - FMHC - 16 - 150 - D37

- 刀杆直径 Diameter
- L1 长度 Length (L1)
- 接口直径 Bore diameter of cutter
- 功能代号 Holder type
- 锥柄形式 Shank size

# ·HSK100A-FMHC 阻尼减振铣刀柄

## HSK100A-FMHC DAMPING MILLING TOOL HOLDER



| 规格 Model                      | L   | L1  | L2  | L3 | L4 | D   | D1 | D2 | d  | K1  | K2 | M         | 重量 KG |
|-------------------------------|-----|-----|-----|----|----|-----|----|----|----|-----|----|-----------|-------|
| <b>HSK100A-FMHC16-200-D37</b> | 267 | 200 | 171 | 29 | 17 | 100 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  |       |
| -250-D37                      | 317 | 250 | 221 | 29 | 17 | 100 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  |       |
| -300-D37                      | 367 | 300 | 271 | 29 | 17 | 100 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  |       |
| -350-D37                      | 417 | 350 | 321 | 29 | 17 | 100 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  |       |
| <b>-FMHC22-200-D47</b>        | 268 | 200 | 171 | 29 | 18 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| -250-D47                      | 318 | 250 | 221 | 29 | 18 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| -300-D47                      | 368 | 300 | 271 | 29 | 18 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| -350-D47                      | 418 | 350 | 321 | 29 | 18 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| -400-D47                      | 468 | 400 | 371 | 29 | 18 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| -450-D47                      | 518 | 450 | 421 | 29 | 18 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| -500-D47                      | 568 | 500 | 471 | 29 | 18 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| -550-D47                      | 618 | 550 | 521 | 29 | 18 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| -600-D47                      | 668 | 600 | 571 | 29 | 18 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| -650-D47                      | 718 | 650 | 621 | 29 | 18 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| -700-D47                      | 768 | 700 | 671 | 29 | 18 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| -250-D58                      | 318 | 250 | 221 | 29 | 18 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| -300-D58                      | 368 | 300 | 271 | 29 | 18 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| -350-D58                      | 418 | 350 | 321 | 29 | 18 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| -400-D58                      | 468 | 400 | 371 | 29 | 18 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| -450-D58                      | 518 | 450 | 421 | 29 | 18 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| -500-D58                      | 568 | 500 | 471 | 29 | 18 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| -550-D58                      | 618 | 550 | 521 | 29 | 18 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| -600-D58                      | 668 | 600 | 571 | 29 | 18 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| -650-D58                      | 718 | 650 | 621 | 29 | 18 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| -700-D58                      | 768 | 700 | 671 | 29 | 18 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |

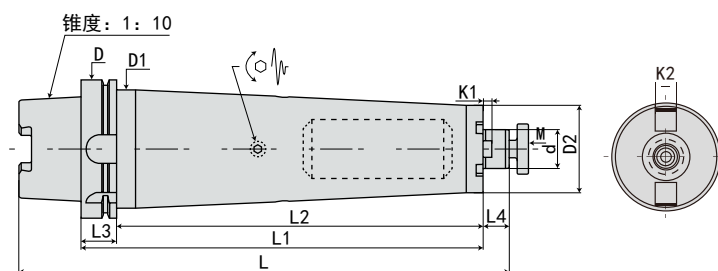
### 规格说明:

**HSK100A - FMHC - 16 - 200 - D37**

- 锥柄形式 Shank size
- 功能代号 Holder type
- 接口直径 Bore diameter of cutter
- L1 长度 Length (L1)
- 刀杆直径 Diameter

## ·HSK100A-FMHC 阻尼减振铣刀柄

## HSK100A-FMHC DAMPING MILLING TOOL HOLDER



| 规格 Model               | L   | L1  | L2  | L3 | L4 | D   | D1 | D2 | d  | K1  | K2 | M         | 重量 KG |
|------------------------|-----|-----|-----|----|----|-----|----|----|----|-----|----|-----------|-------|
| HSK100A-FMHC27-250-D60 | 320 | 250 | 221 | 29 | 20 | 100 | 78 | 60 | 27 | 5.8 | 12 | M12*1.75P |       |
| -300-D60               | 370 | 300 | 271 | 29 | 20 | 100 | 78 | 60 | 27 | 5.8 | 12 | M12*1.75P |       |
| -350-D60               | 420 | 350 | 321 | 29 | 20 | 100 | 78 | 60 | 27 | 5.8 | 12 | M12*1.75P |       |
| -400-D60               | 470 | 400 | 371 | 29 | 20 | 100 | 78 | 60 | 27 | 5.8 | 12 | M12*1.75P |       |
| -450-D60               | 520 | 450 | 421 | 29 | 20 | 100 | 78 | 60 | 27 | 5.8 | 12 | M12*1.75P |       |
| -500-D60               | 570 | 500 | 471 | 29 | 20 | 100 | 78 | 60 | 27 | 5.8 | 12 | M12*1.75P |       |
| -550-D60               | 620 | 550 | 521 | 29 | 20 | 100 | 78 | 60 | 27 | 5.8 | 12 | M12*1.75P |       |
| -600-D60               | 670 | 600 | 571 | 29 | 20 | 100 | 78 | 60 | 27 | 5.8 | 12 | M12*1.75P |       |
| -650-D60               | 720 | 650 | 621 | 29 | 20 | 100 | 78 | 60 | 27 | 5.8 | 12 | M12*1.75P |       |
| -700-D60               | 770 | 700 | 671 | 29 | 20 | 100 | 78 | 60 | 27 | 5.8 | 12 | M12*1.75P |       |
| -250-D74               | 320 | 250 | 221 | 29 | 20 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| -300-D74               | 370 | 300 | 271 | 29 | 20 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| -350-D74               | 420 | 350 | 321 | 29 | 20 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| -400-D74               | 470 | 400 | 371 | 29 | 20 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| -450-D74               | 520 | 450 | 421 | 29 | 20 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| -500-D74               | 570 | 500 | 471 | 29 | 20 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| -550-D74               | 620 | 550 | 521 | 29 | 20 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| -600-D74               | 670 | 600 | 571 | 29 | 20 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| -650-D74               | 720 | 650 | 621 | 29 | 20 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| -700-D74               | 770 | 700 | 671 | 29 | 20 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| -FMHC32-250-D80        | 322 | 250 | 221 | 29 | 22 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| -300-D80               | 372 | 300 | 271 | 29 | 22 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| -350-D80               | 422 | 350 | 321 | 29 | 22 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| -400-D80               | 472 | 400 | 371 | 29 | 22 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| -450-D80               | 522 | 450 | 421 | 29 | 22 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| -500-D80               | 572 | 500 | 471 | 29 | 22 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| -550-D80               | 622 | 550 | 521 | 29 | 22 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| -600-D80               | 672 | 600 | 571 | 29 | 22 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| -FMHC40-300-D90        | 375 | 300 | 271 | 29 | 25 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |
| -350-D90               | 425 | 350 | 321 | 29 | 25 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |
| -400-D90               | 475 | 400 | 371 | 29 | 25 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |
| -450-D90               | 525 | 450 | 421 | 29 | 25 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |
| -500-D90               | 575 | 500 | 471 | 29 | 25 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |
| -550-D90               | 625 | 550 | 521 | 29 | 25 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |
| -600-D90               | 675 | 600 | 571 | 29 | 25 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |

规格说明:

HSK100A - FMHC - 27 - 250 - D60

- 刀杆直径 Diameter
- L1 长度 Length (L1)
- 接口直径 Bore diameter of cutter
- 功能代号 Holder type
- 锥柄形式 Shank size

# ·HSK63A-CKC 阻尼减振镗刀柄

## HSK63A-CKC DAMPING BORING TOOL



FIG. 1

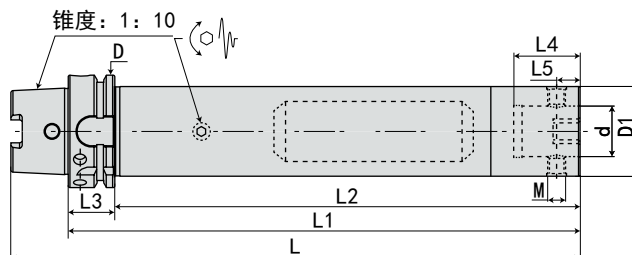
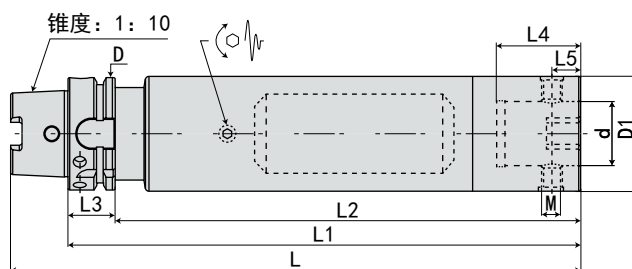


FIG. 2



| 规格 Model                   | L   | L1  | L2  | L3 | L4 | L5   | D  | D1 | d  | M        | FIG | 重量 KG |
|----------------------------|-----|-----|-----|----|----|------|----|----|----|----------|-----|-------|
| <b>HSK63A-CKC2-150-D25</b> | 182 | 150 | 124 | 26 | 31 | 6.62 | 63 | 25 | 14 | M5*0.5P  | 1   |       |
| -175-D25                   | 207 | 175 | 149 | 26 | 31 | 6.62 | 63 | 25 | 14 | M5*0.5P  | 1   |       |
| -200-D25                   | 232 | 200 | 174 | 26 | 31 | 6.62 | 63 | 25 | 14 | M5*0.5P  | 1   |       |
| -200-D32                   | 232 | 200 | 174 | 26 | 35 | 8    | 63 | 32 | 18 | M6*0.75P | 1   |       |
| -230-D32                   | 262 | 230 | 204 | 26 | 35 | 8    | 63 | 32 | 18 | M6*0.75P | 1   |       |
| -260-D32                   | 292 | 260 | 234 | 26 | 35 | 8    | 63 | 32 | 18 | M6*0.75P | 1   |       |
| -300-D32                   | 332 | 300 | 274 | 26 | 35 | 8    | 63 | 32 | 18 | M6*0.75P | 1   |       |
| -CKC4-235-D40              | 267 | 235 | 209 | 26 | 39 | 10   | 63 | 40 | 22 | M8*0.75P | 1   |       |
| -275-D40                   | 307 | 275 | 249 | 26 | 39 | 10   | 63 | 40 | 22 | M8*0.75P | 1   |       |
| -315-D40                   | 347 | 315 | 289 | 26 | 39 | 10   | 63 | 40 | 22 | M8*0.75P | 1   |       |
| -350-D40                   | 382 | 350 | 324 | 26 | 39 | 10   | 63 | 40 | 22 | M8*0.75P | 1   |       |
| -CKC5-315-D50              | 347 | 315 | 289 | 26 | 45 | 13   | 63 | 50 | 28 | M10*1.0P | 1   |       |
| -350-D50                   | 382 | 350 | 324 | 26 | 45 | 13   | 63 | 50 | 28 | M10*1.0P | 1   |       |
| -400-D50                   | 432 | 400 | 374 | 26 | 45 | 13   | 63 | 50 | 28 | M10*1.0P | 1   |       |
| -450-D50                   | 482 | 450 | 424 | 26 | 45 | 13   | 63 | 50 | 28 | M10*1.0P | 1   |       |
| -500-D50                   | 532 | 500 | 474 | 26 | 45 | 13   | 63 | 50 | 28 | M10*1.0P | 1   |       |
| -CKC6-295-D63              | 327 | 295 | 269 | 26 | 55 | 16   | 63 | 63 | 36 | M12*1.0P | 2   |       |
| -350-D63                   | 382 | 350 | 324 | 26 | 55 | 16   | 63 | 63 | 36 | M12*1.0P | 2   |       |
| -400-D63                   | 432 | 400 | 374 | 26 | 55 | 16   | 63 | 63 | 36 | M12*1.0P | 2   |       |
| -450-D63                   | 482 | 450 | 424 | 26 | 55 | 16   | 63 | 63 | 36 | M12*1.0P | 2   |       |
| -500-D63                   | 532 | 500 | 474 | 26 | 55 | 16   | 63 | 63 | 36 | M12*1.0P | 2   |       |

规格说明:

**HSK63A - CKC - 2 - 150 - D25**

- 锥柄形式 Shank size
- 功能代号 Holder type
- 接口锥度 Model number of connection
- L1 长度 Length (L1)
- 刀杆直径 Diameter

## ·HSK100A-CKC 阻尼减振镗刀柄

## HSK100A-CKC DAMPING BORING TOOL



FIG. 1

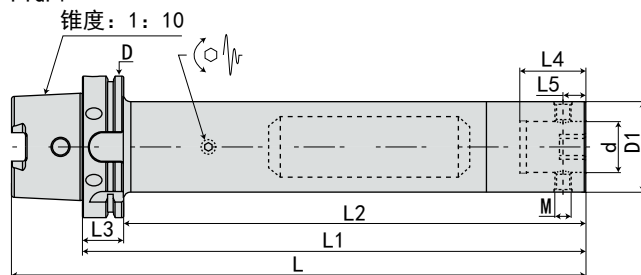
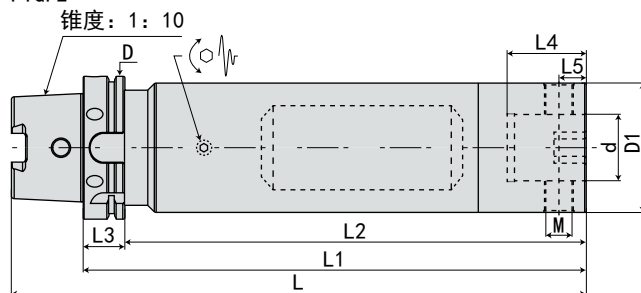


FIG. 2



| 规格 Model             | L   | L1  | L2  | L3 | L4 | L5   | D   | D1 | d  | M        | FIG | 重量 KG |
|----------------------|-----|-----|-----|----|----|------|-----|----|----|----------|-----|-------|
| HSK100A-CKC2-160-D25 | 210 | 160 | 131 | 29 | 31 | 6.62 | 100 | 25 | 14 | M5*0.5P  | 1   |       |
| -185-D25             | 235 | 185 | 156 | 29 | 31 | 6.62 | 100 | 25 | 14 | M5*0.5P  | 1   |       |
| -210-D25             | 260 | 210 | 181 | 29 | 31 | 6.62 | 100 | 25 | 14 | M5*0.5P  | 1   |       |
| -250-D25             | 300 | 250 | 221 | 29 | 31 | 6.62 | 100 | 25 | 14 | M5*0.5P  | 1   |       |
| -300-D25             | 350 | 300 | 271 | 29 | 31 | 6.62 | 100 | 25 | 14 | M5*0.5P  | 1   |       |
| -CKC3-220-D32        | 270 | 220 | 191 | 29 | 35 | 8    | 100 | 32 | 18 | M6*0.75P | 1   |       |
| -250-D32             | 300 | 250 | 221 | 29 | 35 | 8    | 100 | 32 | 18 | M6*0.75P | 1   |       |
| -280-D32             | 330 | 280 | 251 | 29 | 35 | 8    | 100 | 32 | 18 | M6*0.75P | 1   |       |
| -300-D32             | 350 | 300 | 271 | 29 | 35 | 8    | 100 | 32 | 18 | M6*0.75P | 1   |       |
| -350-D32             | 400 | 350 | 321 | 29 | 35 | 8    | 100 | 32 | 18 | M6*0.75P | 1   |       |
| -CKC4-260-D40        | 310 | 260 | 231 | 29 | 39 | 10   | 100 | 40 | 22 | M8*0.75P | 1   |       |
| -300-D40             | 350 | 300 | 271 | 29 | 39 | 10   | 100 | 40 | 22 | M8*0.75P | 1   |       |
| -340-D40             | 390 | 340 | 311 | 29 | 39 | 10   | 100 | 40 | 22 | M8*0.75P | 1   |       |
| -400-D40             | 450 | 400 | 371 | 29 | 39 | 10   | 100 | 40 | 22 | M8*0.75P | 1   |       |
| -CKC5-310-D50        | 360 | 310 | 281 | 29 | 45 | 13   | 100 | 50 | 28 | M10*1.0P | 1   |       |
| -355-D50             | 405 | 355 | 326 | 29 | 45 | 13   | 100 | 50 | 28 | M10*1.0P | 1   |       |
| -400-D50             | 450 | 400 | 371 | 29 | 45 | 13   | 100 | 50 | 28 | M10*1.0P | 1   |       |
| -450-D50             | 500 | 450 | 421 | 29 | 45 | 13   | 100 | 50 | 28 | M10*1.0P | 1   |       |
| -500-D50             | 550 | 500 | 471 | 29 | 45 | 13   | 100 | 50 | 28 | M10*1.0P | 1   |       |
| -600-D50             | 650 | 600 | 571 | 29 | 45 | 13   | 100 | 50 | 28 | M10*1.0P | 1   |       |
| -700-D50             | 750 | 700 | 671 | 29 | 45 | 13   | 100 | 50 | 28 | M10*1.0P | 1   |       |
| -CKC6-375-D63        | 425 | 375 | 346 | 29 | 55 | 16   | 100 | 63 | 36 | M12*1.0P | 1   |       |
| -440-D63             | 490 | 440 | 411 | 29 | 55 | 16   | 100 | 63 | 36 | M12*1.0P | 1   |       |
| -500-D63             | 550 | 500 | 471 | 29 | 55 | 16   | 100 | 63 | 36 | M12*1.0P | 1   |       |
| -600-D63             | 650 | 600 | 571 | 29 | 55 | 16   | 100 | 63 | 36 | M12*1.0P | 1   |       |
| -700-D63             | 750 | 700 | 671 | 29 | 55 | 16   | 100 | 63 | 36 | M12*1.0P | 1   |       |
| -CKC7-450-D100       | 500 | 450 | 421 | 29 | 60 | 19.1 | 100 | 90 | 46 | M20*1.5P | 2   |       |
| -500-D100            | 550 | 500 | 471 | 29 | 60 | 19.1 | 100 | 90 | 46 | M20*1.5P | 2   |       |
| -600-D100            | 650 | 600 | 571 | 29 | 60 | 19.1 | 100 | 90 | 46 | M20*1.5P | 2   |       |
| -700-D100            | 750 | 700 | 671 | 29 | 60 | 19.1 | 100 | 90 | 46 | M20*1.5P | 2   |       |

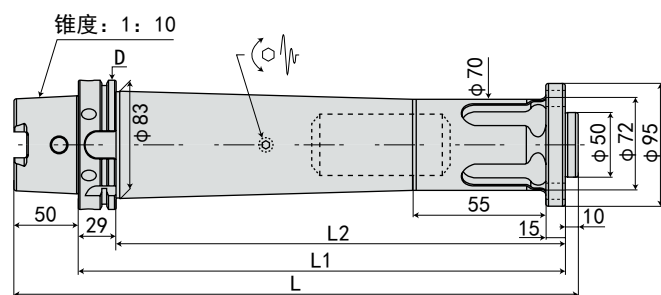
规格说明:

HSK100A - CKC - 2 - 160 - D25

- 刀杆直径 Diameter
- L1 长度 Length (L1)
- 接口锥度 Model number of connection
- 功能代号 Holder type
- 锥柄形式 Shank size

# ·HSK100A-BSTC 阻尼减振镗刀柄

HSK100A-BSTC DAMPING BORING TOOL



| 规格 Model                | L   | L1  | L2  | D   | 重量 KG |
|-------------------------|-----|-----|-----|-----|-------|
| <b>HSK100A-BSTC-400</b> | 460 | 400 | 371 | 100 |       |
| <b>-450</b>             | 510 | 450 | 421 | 100 |       |
| <b>-500</b>             | 560 | 500 | 471 | 100 |       |
| <b>-600</b>             | 660 | 600 | 571 | 100 |       |
| <b>-700</b>             | 760 | 700 | 671 | 100 |       |

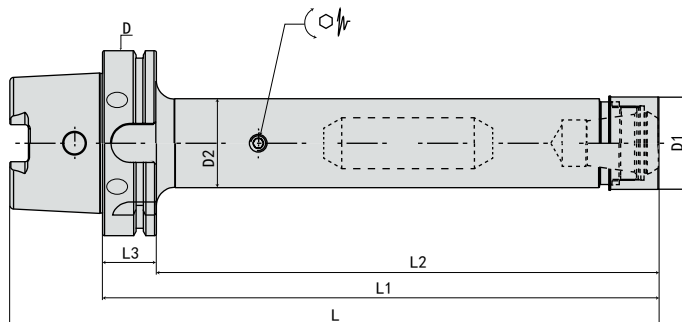
规格说明:

**HSK100A - BSTC - 400**

- 锥柄形式 Shank size
- 功能代号 Holder type
- L1 长度 Length (L1)

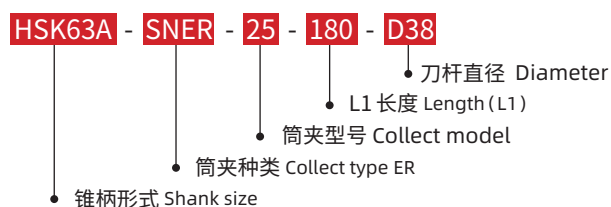
# ·HSK63A-SNER 阻尼减振刀柄

## HSK63A-SNER DAMPING BORING TOOL



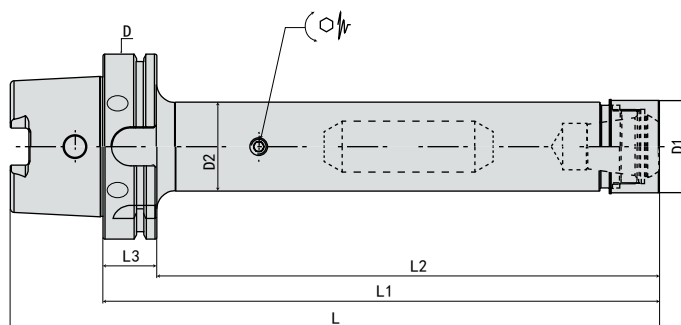
| 规格 Model                     | L   | L1  | L2  | L3 | D  | D1 | D2 | 夹持范围 Range | 重量 KG |
|------------------------------|-----|-----|-----|----|----|----|----|------------|-------|
| <b>HSK63A-SNER25-180-D38</b> | 202 | 180 | 154 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-230-D38</b>              | 252 | 230 | 204 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-280-D38</b>              | 302 | 280 | 254 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-330-D38</b>              | 352 | 330 | 304 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-380-D38</b>              | 402 | 380 | 354 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-430-D38</b>              | 452 | 430 | 404 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-500-D38</b>              | 522 | 500 | 474 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-SNER32-180-D48</b>       | 202 | 180 | 154 | 26 | 63 | 48 | 50 | 2-20 mm    |       |
| <b>-230-D48</b>              | 252 | 230 | 204 | 26 | 63 | 48 | 50 | 2-20 mm    |       |
| <b>-280-D48</b>              | 302 | 280 | 254 | 26 | 63 | 48 | 50 | 2-20 mm    |       |
| <b>-330-D48</b>              | 352 | 330 | 304 | 26 | 63 | 48 | 50 | 2-20 mm    |       |
| <b>-380-D48</b>              | 402 | 380 | 354 | 26 | 63 | 48 | 50 | 2-20 mm    |       |
| <b>-430-D48</b>              | 452 | 430 | 404 | 26 | 63 | 48 | 50 | 2-20 mm    |       |
| <b>-500-D48</b>              | 522 | 500 | 474 | 26 | 63 | 48 | 50 | 2-20 mm    |       |

### 规格说明:



# ·HSK100A-SNER 阻尼减振刀柄

## HSK100A-SNER DAMPING BORING TOOL



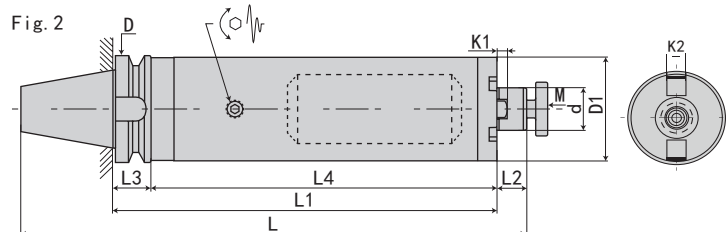
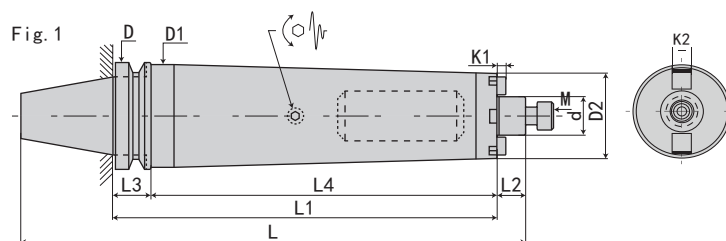
| 规格 Model                      | L   | L1  | L2  | L3 | D   | D1 | D2 | 夹持范围 Range | 重量 KG |
|-------------------------------|-----|-----|-----|----|-----|----|----|------------|-------|
| <b>HSK100A-SNER25-230-D38</b> | 270 | 230 | 201 | 29 | 100 | 38 | 40 | 1-16 mm    |       |
| -280-D38                      | 320 | 280 | 251 | 29 | 100 | 38 | 40 | 1-16 mm    |       |
| -330-D38                      | 370 | 330 | 301 | 29 | 100 | 38 | 40 | 1-16 mm    |       |
| -380-D38                      | 420 | 380 | 351 | 29 | 100 | 38 | 40 | 1-16 mm    |       |
| -430-D38                      | 470 | 430 | 401 | 29 | 100 | 38 | 40 | 1-16 mm    |       |
| -480-D38                      | 520 | 480 | 451 | 29 | 100 | 38 | 40 | 1-16 mm    |       |
| -530-D38                      | 570 | 530 | 501 | 29 | 100 | 38 | 40 | 1-16 mm    |       |
| -600-D38                      | 640 | 600 | 571 | 29 | 100 | 38 | 40 | 1-16 mm    |       |
| <b>-SNER32-230-D48</b>        | 270 | 230 | 201 | 29 | 100 | 48 | 50 | 2-20 mm    |       |
| -280-D48                      | 320 | 280 | 251 | 29 | 100 | 48 | 50 | 2-20 mm    |       |
| -330-D48                      | 370 | 330 | 301 | 29 | 100 | 48 | 50 | 2-20 mm    |       |
| -380-D48                      | 420 | 380 | 351 | 29 | 100 | 48 | 50 | 2-20 mm    |       |
| -430-D48                      | 470 | 430 | 401 | 29 | 100 | 48 | 50 | 2-20 mm    |       |
| -480-D48                      | 520 | 480 | 451 | 29 | 100 | 48 | 50 | 2-20 mm    |       |
| -530-D48                      | 570 | 530 | 501 | 29 | 100 | 48 | 50 | 2-20 mm    |       |
| -580-D48                      | 620 | 580 | 551 | 29 | 100 | 48 | 50 | 2-20 mm    |       |
| -630-D48                      | 670 | 630 | 601 | 29 | 100 | 48 | 50 | 2-20 mm    |       |
| -700-D48                      | 740 | 700 | 671 | 29 | 100 | 48 | 50 | 2-20 mm    |       |
| <b>-SNER40-230-D58</b>        | 270 | 230 | 201 | 29 | 100 | 58 | 63 | 2-26 mm    |       |
| -280-D58                      | 320 | 280 | 251 | 29 | 100 | 58 | 63 | 2-26 mm    |       |
| -330-D58                      | 370 | 330 | 301 | 29 | 100 | 58 | 63 | 2-26 mm    |       |
| -380-D58                      | 420 | 380 | 351 | 29 | 100 | 58 | 63 | 2-26 mm    |       |
| -430-D58                      | 470 | 430 | 401 | 29 | 100 | 58 | 63 | 2-26 mm    |       |
| -480-D58                      | 520 | 480 | 451 | 29 | 100 | 58 | 63 | 2-26 mm    |       |
| -530-D58                      | 570 | 530 | 501 | 29 | 100 | 58 | 63 | 2-26 mm    |       |
| -580-D58                      | 620 | 580 | 551 | 29 | 100 | 58 | 63 | 2-26 mm    |       |
| -630-D58                      | 670 | 630 | 601 | 29 | 100 | 58 | 63 | 2-26 mm    |       |
| -700-D58                      | 740 | 700 | 671 | 29 | 100 | 58 | 63 | 2-26 mm    |       |

规格说明:

**HSK63A** - **SNER** - **25** - **230** - **D38**  
 刀杆直径 Diameter  
 L1 长度 Length (L1)  
 筒夹型号 Collect model  
 筒夹种类 Collect type ER  
 锥柄形式 Shank size

## ·SBT40-FMHC 阻尼减振铣刀柄

## SBT40-FMHC DAMPING MILLING TOOL HOLDER



| 规格 Model                    | L     | L1  | L2 | L3 | L4  | D  | D1 | D2 | d  | K1  | K2 | M         | Fig | 重量 KG |
|-----------------------------|-------|-----|----|----|-----|----|----|----|----|-----|----|-----------|-----|-------|
| <b>SBT40-FMHC16-150-D37</b> | 232.4 | 150 | 17 | 26 | 124 | 63 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  | 1   |       |
| <b>-200-D37</b>             | 282.4 | 200 | 17 | 26 | 174 | 63 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  | 1   |       |
| <b>-250-D37</b>             | 332.4 | 250 | 17 | 26 | 224 | 63 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  | 1   |       |
| <b>-300-D37</b>             | 382.4 | 300 | 17 | 26 | 274 | 63 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  | 1   |       |
| <b>-350-D37</b>             | 432.4 | 350 | 17 | 26 | 324 | 63 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  | 1   |       |
| <b>-FMHC22-150-D47</b>      | 233.4 | 150 | 18 | 26 | 124 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| <b>-200-D47</b>             | 283.4 | 200 | 18 | 26 | 174 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| <b>-250-D47</b>             | 333.4 | 250 | 18 | 26 | 224 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| <b>-300-D47</b>             | 383.4 | 300 | 18 | 26 | 274 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| <b>-350-D47</b>             | 433.4 | 350 | 18 | 26 | 324 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| <b>-400-D47</b>             | 483.4 | 400 | 18 | 26 | 374 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| <b>-450-D47</b>             | 533.4 | 450 | 18 | 26 | 424 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| <b>-500-D47</b>             | 583.4 | 500 | 18 | 26 | 474 | 63 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P | 1   |       |
| <b>-FMHC27-200-D60</b>      | 283.4 | 200 | 20 | 26 | 174 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |
| <b>-250-D60</b>             | 333.4 | 250 | 20 | 26 | 224 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |
| <b>-300-D60</b>             | 383.4 | 300 | 20 | 26 | 274 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |
| <b>-350-D60</b>             | 433.4 | 350 | 20 | 26 | 324 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |
| <b>-400-D60</b>             | 483.4 | 400 | 20 | 26 | 374 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |
| <b>-450-D60</b>             | 533.4 | 450 | 20 | 26 | 424 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |
| <b>-500-D60</b>             | 583.4 | 500 | 20 | 26 | 474 | 63 | -  | 60 | 27 | 5.8 | 12 | M12*1.75P | 2   |       |

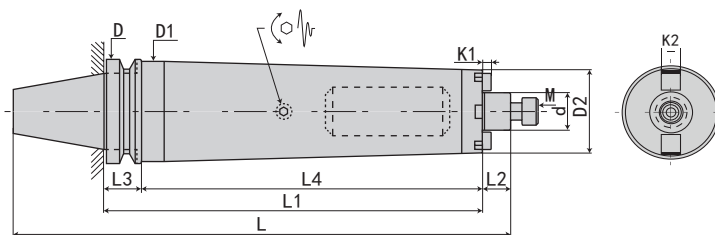
规格说明:

SBT40 - FMHC - 16 - 150 - D37

- 刀杆直径 Diameter
- L1 长度 Length (L1)
- 接口直径 Bore diameter of cutter
- 功能代号 Holder type
- 锥柄形式 Shank size

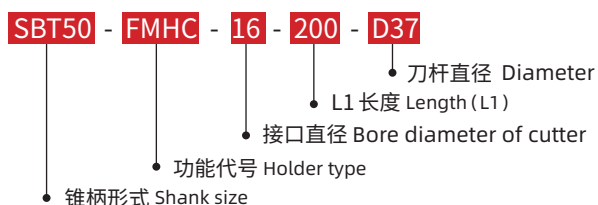
# ·SBT50-FMHC 阻尼减振铣刀柄

## SBT50-FMHC DAMPING MILLING TOOL HOLDER



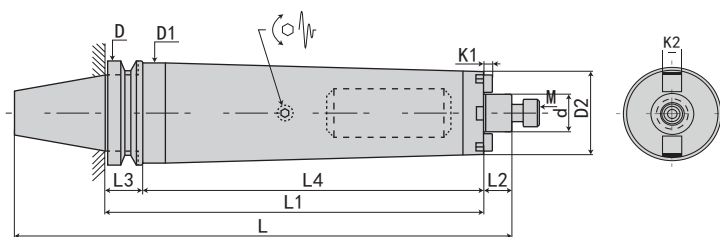
| 规格 Model                    | L     | L1  | L2 | L3   | L4    | D   | D1 | D2 | d  | K1  | K2 | M         | 重量 KG |
|-----------------------------|-------|-----|----|------|-------|-----|----|----|----|-----|----|-----------|-------|
| <b>SBT50-FMHC16-200-D37</b> | 318.8 | 200 | 17 | 36.5 | 163.5 | 100 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  |       |
| <b>-250-D37</b>             | 368.8 | 250 | 17 | 36.5 | 213.5 | 100 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  |       |
| <b>-300-D37</b>             | 418.8 | 300 | 17 | 36.5 | 263.5 | 100 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  |       |
| <b>-350-D37</b>             | 468.8 | 350 | 17 | 36.5 | 313.5 | 100 | 40 | 37 | 16 | 3.2 | 8  | M8*1.25P  |       |
| <b>-FMHC22-200-D47</b>      | 319.8 | 400 | 18 | 36.5 | 363.5 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-250-D47</b>             | 369.8 | 450 | 18 | 36.5 | 413.5 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-300-D47</b>             | 419.8 | 500 | 18 | 36.5 | 463.5 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-350-D47</b>             | 469.8 | 550 | 18 | 36.5 | 513.5 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-400-D47</b>             | 519.8 | 600 | 18 | 36.5 | 563.5 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-450-D47</b>             | 569.8 | 650 | 18 | 36.5 | 613.5 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-500-D47</b>             | 619.8 | 700 | 18 | 36.5 | 663.5 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-550-D47</b>             | 669.8 | 750 | 18 | 36.5 | 713.5 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-600-D47</b>             | 719.8 | 800 | 18 | 36.5 | 763.5 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-650-D47</b>             | 769.8 | 850 | 18 | 36.5 | 813.5 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-700-D47</b>             | 819.8 | 900 | 18 | 36.5 | 863.5 | 100 | 50 | 47 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-250-D58</b>             | 369.8 | 250 | 18 | 36.5 | 213.5 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-300-D58</b>             | 419.8 | 300 | 18 | 36.5 | 263.5 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-350-D58</b>             | 469.8 | 350 | 18 | 36.5 | 313.5 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-400-D58</b>             | 519.8 | 400 | 18 | 36.5 | 363.5 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-450-D58</b>             | 569.8 | 450 | 18 | 36.5 | 413.5 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-500-D58</b>             | 619.8 | 500 | 18 | 36.5 | 463.5 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-550-D58</b>             | 669.8 | 550 | 18 | 36.5 | 513.5 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-600-D58</b>             | 719.8 | 600 | 18 | 36.5 | 563.5 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-650-D58</b>             | 769.8 | 650 | 18 | 36.5 | 613.5 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |
| <b>-700-D58</b>             | 819.8 | 700 | 18 | 36.5 | 663.5 | 100 | 62 | 58 | 22 | 4.8 | 10 | M10*1.25P |       |

规格说明:



## · SBT50-FMHC 阻尼减振铣刀柄

## SBT50-FMHC DAMPING MILLING TOOL HOLDER



| 规格 Model                    | L     | L1  | L2 | L3   | L4    | D   | D1 | D2 | d  | K1  | K2 | M         | 重量 KG |
|-----------------------------|-------|-----|----|------|-------|-----|----|----|----|-----|----|-----------|-------|
| <b>SBT50-FMHC27-250-D58</b> | 371.8 | 250 | 20 | 36.5 | 213.5 | 100 | 62 | 58 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-300-D58</b>             | 421.8 | 300 | 20 | 36.5 | 263.5 | 100 | 62 | 58 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-350-D58</b>             | 471.8 | 350 | 20 | 36.5 | 313.5 | 100 | 62 | 58 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-400-D58</b>             | 521.8 | 400 | 20 | 36.5 | 363.5 | 100 | 62 | 58 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-450-D58</b>             | 571.8 | 450 | 20 | 36.5 | 413.5 | 100 | 62 | 58 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-500-D58</b>             | 621.8 | 500 | 20 | 36.5 | 463.5 | 100 | 62 | 58 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-550-D58</b>             | 671.8 | 550 | 20 | 36.5 | 513.5 | 100 | 62 | 58 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-600-D58</b>             | 721.8 | 600 | 20 | 36.5 | 563.5 | 100 | 62 | 58 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-650-D58</b>             | 771.8 | 650 | 20 | 36.5 | 613.5 | 100 | 62 | 58 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-700-D58</b>             | 821.8 | 700 | 20 | 36.5 | 663.5 | 100 | 62 | 58 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-250-D74</b>             | 371.8 | 250 | 20 | 36.5 | 213.5 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-300-D74</b>             | 421.8 | 300 | 20 | 36.5 | 263.5 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-350-D74</b>             | 471.8 | 350 | 20 | 36.5 | 313.5 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-400-D74</b>             | 521.8 | 400 | 20 | 36.5 | 363.5 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-450-D74</b>             | 571.8 | 450 | 20 | 36.5 | 413.5 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-500-D74</b>             | 621.8 | 500 | 20 | 36.5 | 463.5 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-550-D74</b>             | 671.8 | 550 | 20 | 36.5 | 513.5 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-600-D74</b>             | 721.8 | 600 | 20 | 36.5 | 563.5 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-650-D74</b>             | 771.8 | 650 | 20 | 36.5 | 613.5 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-700-D74</b>             | 821.8 | 700 | 20 | 36.5 | 663.5 | 100 | 78 | 74 | 27 | 5.8 | 12 | M12*1.75P |       |
| <b>-FMHC32-250-D80</b>      | 373.8 | 250 | 22 | 36.5 | 213.5 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| <b>-300-D80</b>             | 423.8 | 300 | 22 | 36.5 | 263.5 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| <b>-350-D80</b>             | 473.8 | 350 | 22 | 36.5 | 313.5 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| <b>-400-D80</b>             | 523.8 | 400 | 22 | 36.5 | 363.5 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| <b>-450-D80</b>             | 573.8 | 450 | 22 | 36.5 | 413.5 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| <b>-500-D80</b>             | 623.8 | 500 | 22 | 36.5 | 463.5 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| <b>-550-D80</b>             | 673.8 | 550 | 22 | 36.5 | 513.5 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| <b>-600-D80</b>             | 723.8 | 600 | 22 | 36.5 | 563.5 | 100 | 95 | 80 | 32 | 6.8 | 14 | M16*2.0P  |       |
| <b>-FMHC40-300-D90</b>      | 426.8 | 300 | 25 | 36.5 | 263.5 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |
| <b>-350-D90</b>             | 476.8 | 350 | 25 | 36.5 | 313.5 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |
| <b>-400-D90</b>             | 526.8 | 400 | 25 | 36.5 | 363.5 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |
| <b>-450-D90</b>             | 576.8 | 450 | 25 | 36.5 | 413.5 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |
| <b>-500-D90</b>             | 626.8 | 500 | 25 | 36.5 | 463.5 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |
| <b>-550-D90</b>             | 676.8 | 550 | 25 | 36.5 | 513.5 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |
| <b>-600-D90</b>             | 726.8 | 600 | 25 | 36.5 | 563.5 | 100 | 98 | 90 | 40 | 8.3 | 16 | M16*2.0P  |       |

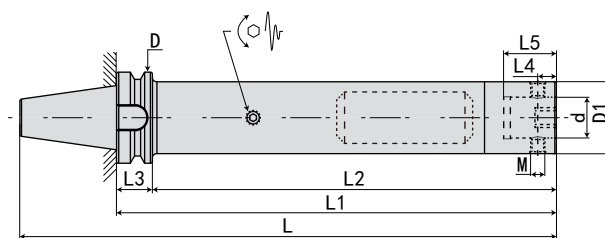
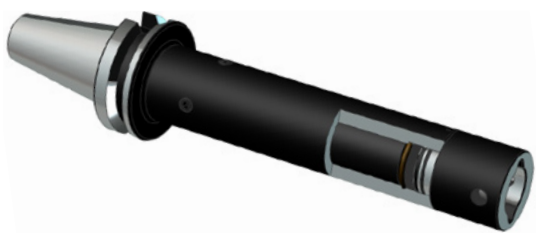
规格说明:

SBT50 - FMHC - 27 - 250 - D58

- 刀杆直径 Diameter
- L1 长度 Length (L1)
- 接口直径 Bore diameter of cutter
- 功能代号 Holder type
- 锥柄形式 Shank size

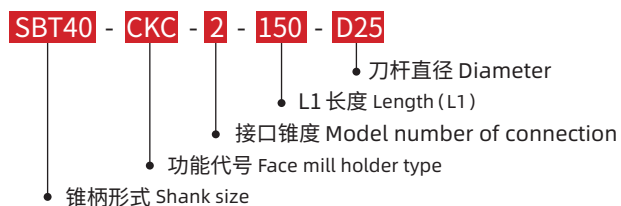
# ·SBT40-CKC 阻尼减振镗刀柄

## SBT40-CKC DAMPING BORING TOOL



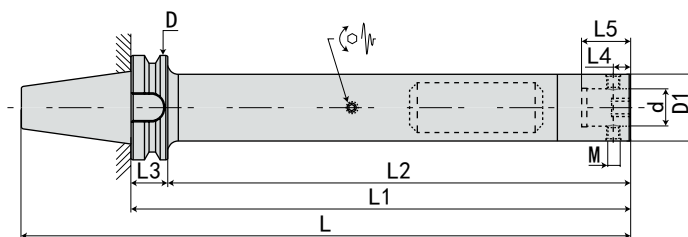
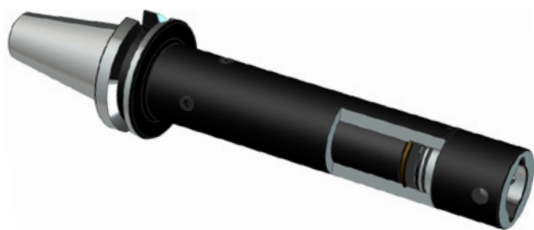
| 规格 Model                  | L     | L1  | L2  | L3 | L4   | L5 | D  | D1 | d  | M        | 重量 KG |
|---------------------------|-------|-----|-----|----|------|----|----|----|----|----------|-------|
| <b>SBT40-CKC2-150-D25</b> | 215.4 | 150 | 124 | 26 | 6.62 | 31 | 63 | 25 | 14 | M5*0.5P  |       |
| <b>-175-D25</b>           | 240.4 | 175 | 149 | 26 | 6.62 | 31 | 63 | 25 | 14 | M5*0.5P  |       |
| <b>-200-D25</b>           | 265.4 | 200 | 174 | 26 | 6.62 | 31 | 63 | 25 | 14 | M5*0.5P  |       |
| <b>-CKC3-200-D32</b>      | 265.4 | 200 | 174 | 26 | 8    | 35 | 63 | 32 | 18 | M6*0.75P |       |
| <b>-230-D32</b>           | 295.4 | 230 | 204 | 26 | 8    | 35 | 63 | 32 | 18 | M6*0.75P |       |
| <b>-260-D32</b>           | 325.4 | 260 | 234 | 26 | 8    | 35 | 63 | 32 | 18 | M6*0.75P |       |
| <b>-300-D32</b>           | 365.4 | 300 | 274 | 26 | 8    | 35 | 63 | 32 | 18 | M6*0.75P |       |
| <b>-CKC4-235-D40</b>      | 300.4 | 235 | 209 | 26 | 10   | 39 | 63 | 40 | 22 | M8*0.75P |       |
| <b>-275-D40</b>           | 340.4 | 275 | 249 | 26 | 10   | 39 | 63 | 40 | 22 | M8*0.75P |       |
| <b>-315-D40</b>           | 380.4 | 315 | 289 | 26 | 10   | 39 | 63 | 40 | 22 | M8*0.75P |       |
| <b>-350-D40</b>           | 415.4 | 350 | 324 | 26 | 10   | 39 | 63 | 40 | 22 | M8*0.75P |       |
| <b>-CKC5-310-D50</b>      | 375.4 | 310 | 284 | 26 | 13   | 45 | 63 | 50 | 28 | M10*1.0P |       |
| <b>-350-D50</b>           | 415.4 | 350 | 324 | 26 | 13   | 45 | 63 | 50 | 28 | M10*1.0P |       |
| <b>-400-D50</b>           | 465.4 | 400 | 374 | 26 | 13   | 45 | 63 | 50 | 28 | M10*1.0P |       |
| <b>-450-D50</b>           | 515.4 | 450 | 424 | 26 | 13   | 45 | 63 | 50 | 28 | M10*1.0P |       |
| <b>-500-D50</b>           | 565.4 | 500 | 474 | 26 | 13   | 45 | 63 | 50 | 28 | M10*1.0P |       |
| <b>-CKC6-295-D63</b>      | 360.4 | 295 | 269 | 26 | 16   | 55 | 63 | 63 | 36 | M12*1.0P |       |
| <b>-350-D63</b>           | 415.4 | 350 | 324 | 26 | 16   | 55 | 63 | 63 | 36 | M12*1.0P |       |
| <b>-400-D63</b>           | 465.4 | 400 | 374 | 26 | 16   | 55 | 63 | 63 | 36 | M12*1.0P |       |
| <b>-450-D63</b>           | 515.4 | 450 | 424 | 26 | 16   | 55 | 63 | 63 | 36 | M12*1.0P |       |
| <b>-500-D63</b>           | 565.4 | 500 | 474 | 26 | 16   | 55 | 63 | 63 | 36 | M12*1.0P |       |

规格说明:



## ·SBT50-CKC 阻尼减振镗刀柄

## SBT50-CKC DAMPING BORING TOOL



| 规格 Model                  | L     | L1  | L2    | L3   | L4   | L5 | D   | D1 | d  | M         | 重量 KG |
|---------------------------|-------|-----|-------|------|------|----|-----|----|----|-----------|-------|
| <b>SBT50-CKC2-160-D25</b> | 261.8 | 160 | 123.5 | 36.5 | 6.62 | 31 | 100 | 25 | 14 | M5*0.5P   |       |
| <b>-185-D25</b>           | 286.8 | 185 | 148.5 | 36.5 | 6.62 | 31 | 100 | 25 | 14 | M5*0.5P   |       |
| <b>-210-D25</b>           | 311.8 | 210 | 173.5 | 36.5 | 6.62 | 31 | 100 | 25 | 14 | M5*0.5P   |       |
| <b>-250-D25</b>           | 351.8 | 250 | 213.5 | 36.5 | 6.62 | 31 | 100 | 25 | 14 | M5*0.5P   |       |
| <b>-300-D25</b>           | 401.8 | 300 | 263.5 | 36.5 | 6.62 | 31 | 100 | 25 | 14 | M5*0.5P   |       |
| <b>-CKC3-220-D32</b>      | 321.8 | 220 | 183.5 | 36.5 | 8    | 35 | 100 | 32 | 18 | M6*0.75P  |       |
| <b>-250-D32</b>           | 351.8 | 250 | 213.5 | 36.5 | 8    | 35 | 100 | 32 | 18 | M6*0.75P  |       |
| <b>-280-D32</b>           | 381.8 | 280 | 243.5 | 36.5 | 8    | 35 | 100 | 32 | 18 | M6*0.75P  |       |
| <b>-300-D32</b>           | 401.8 | 300 | 263.5 | 36.5 | 8    | 35 | 100 | 32 | 18 | M6*0.75P  |       |
| <b>-350-D32</b>           | 451.8 | 350 | 313.5 | 36.5 | 8    | 35 | 100 | 32 | 18 | M6*0.75P  |       |
| <b>-CKC4-260-D40</b>      | 361.8 | 260 | 223.5 | 36.5 | 10   | 39 | 100 | 40 | 22 | M8*0.75P  |       |
| <b>-300-D40</b>           | 401.8 | 300 | 263.5 | 36.5 | 10   | 39 | 100 | 40 | 22 | M8*0.75P  |       |
| <b>-340-D40</b>           | 441.8 | 340 | 303.5 | 36.5 | 10   | 39 | 100 | 40 | 22 | M8*0.75P  |       |
| <b>-400-D40</b>           | 501.8 | 400 | 363.5 | 36.5 | 10   | 39 | 100 | 40 | 22 | M8*0.75P  |       |
| <b>-CKC5-310-D50</b>      | 411.8 | 310 | 273.5 | 36.5 | 13   | 45 | 100 | 50 | 28 | M10*1.0P  |       |
| <b>-355-D50</b>           | 456.8 | 355 | 318.5 | 36.5 | 13   | 45 | 100 | 50 | 28 | M10*1.0P  |       |
| <b>-400-D50</b>           | 501.8 | 400 | 363.5 | 36.5 | 13   | 45 | 100 | 50 | 28 | M10*1.0P  |       |
| <b>-450-D50</b>           | 551.8 | 450 | 413.5 | 36.5 | 13   | 45 | 100 | 50 | 28 | M10*1.0P  |       |
| <b>-500-D50</b>           | 601.8 | 500 | 463.5 | 36.5 | 13   | 45 | 100 | 50 | 28 | M10*1.0P  |       |
| <b>-600-D50</b>           | 701.8 | 600 | 563.5 | 36.5 | 13   | 45 | 100 | 50 | 28 | M10*1.0P  |       |
| <b>-700-D50</b>           | 801.8 | 700 | 663.5 | 36.5 | 13   | 45 | 100 | 50 | 28 | M10*1.0P  |       |
| <b>-CKC6-375-D63</b>      | 476.8 | 375 | 338.5 | 36.5 | 16   | 55 | 100 | 63 | 36 | M12*1.0P  |       |
| <b>-440-D63</b>           | 541.8 | 440 | 403.5 | 36.5 | 16   | 55 | 100 | 63 | 36 | M12*1.0P  |       |
| <b>-500-D63</b>           | 601.8 | 500 | 463.5 | 36.5 | 16   | 55 | 100 | 63 | 36 | M12*1.0P  |       |
| <b>-600-D63</b>           | 701.8 | 600 | 563.5 | 36.5 | 16   | 55 | 100 | 63 | 36 | M12*1.0P  |       |
| <b>-700-D63</b>           | 801.8 | 700 | 663.5 | 36.5 | 16   | 55 | 100 | 63 | 36 | M12*1.0P  |       |
| <b>-CKC7-450-D100</b>     | 551.8 | 450 | 413.5 | 36.5 | 19.1 | 60 | 100 | 90 | 46 | M20*1.50P |       |
| <b>-500-D100</b>          | 601.8 | 500 | 463.5 | 36.5 | 19.1 | 60 | 100 | 90 | 46 | M20*1.50P |       |
| <b>-600-D100</b>          | 701.8 | 600 | 563.5 | 36.5 | 19.1 | 60 | 100 | 90 | 46 | M20*1.50P |       |
| <b>-700-D100</b>          | 801.8 | 700 | 663.5 | 36.5 | 19.1 | 60 | 100 | 90 | 46 | M20*1.50P |       |

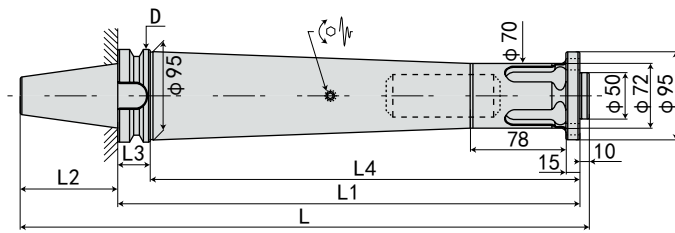
规格说明:

SBT50 - CKC - 2 - 160 - D25

- 刀杆直径 Diameter
- L1 长度 Length (L)
- 接口锥度 Model number of connection
- 功能代号 Face mill holder type
- 锥柄形式 Shank size

# ·SBT50-BSTC 阻尼减振镗刀柄

SBT50-BSTC DAMPING BORING TOOL



| 规格 Model              | L     | L1  | L2    | L3   | L4    | D   | 重量 KG |
|-----------------------|-------|-----|-------|------|-------|-----|-------|
| <b>SBT50-BSTC-400</b> | 501.8 | 400 | 101.8 | 36.5 | 363.5 | 100 |       |
| <b>-450</b>           | 551.8 | 450 | 101.8 | 36.5 | 413.5 | 100 |       |
| <b>-500</b>           | 601.8 | 500 | 101.8 | 36.5 | 463.5 | 100 |       |
| <b>-600</b>           | 701.8 | 600 | 101.8 | 36.5 | 563.5 | 100 |       |
| <b>-700</b>           | 801.8 | 700 | 101.8 | 36.5 | 663.5 | 100 |       |

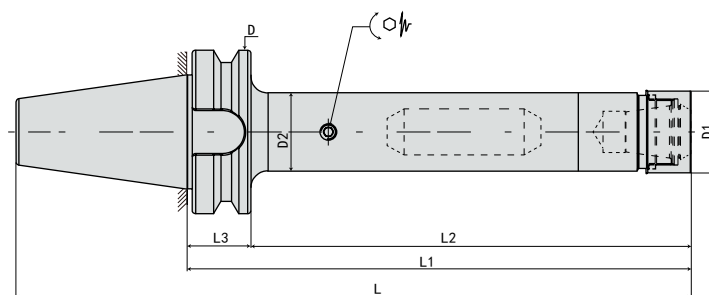
规格说明:

**SBT50** - **BSTC** - **400**

- L1 长度 Length (L1)
- 功能代号 Holder type
- 锥柄形式 Shank size

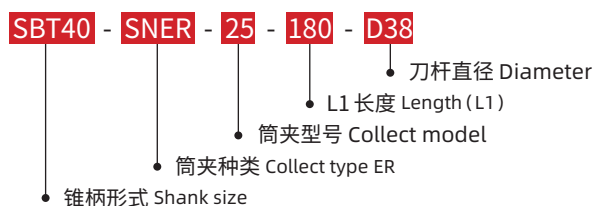
# ·SBT40-SNER 阻尼减振刀柄

SBT40-SNER DAMPING ANTI-VIBRATION TOOL HOLDER



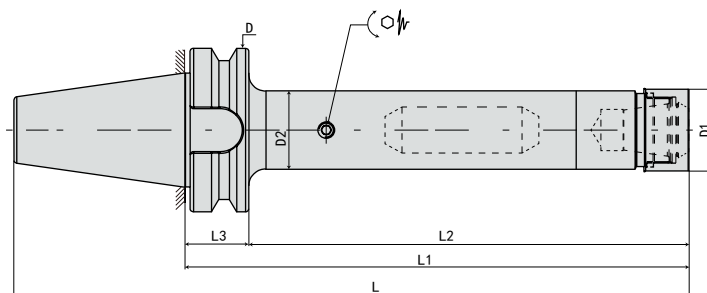
| 规格 Model                    | L     | L1  | L2  | L3 | D  | D1 | D2 | 夹持范围 Range | 重量 KG |
|-----------------------------|-------|-----|-----|----|----|----|----|------------|-------|
| <b>SBT40-SNER25-180-D38</b> | 235.4 | 180 | 154 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-230-D38</b>             | 285.4 | 230 | 204 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-280-D38</b>             | 335.4 | 280 | 254 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-330-D38</b>             | 385.4 | 330 | 304 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-380-D38</b>             | 435.4 | 380 | 354 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-430-D38</b>             | 485.4 | 430 | 404 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-500-D38</b>             | 555.4 | 500 | 474 | 26 | 63 | 38 | 40 | 1-16 mm    |       |
| <b>-SNER32-180-D48</b>      | 235.4 | 180 | 154 | 26 | 63 | 48 | 50 | 2-20 mm    |       |
| <b>-230-D48</b>             | 285.4 | 230 | 204 | 26 | 63 | 48 | 50 | 2-20 mm    |       |
| <b>-280-D48</b>             | 335.4 | 280 | 254 | 26 | 63 | 48 | 50 | 2-20 mm    |       |
| <b>-330-D48</b>             | 385.4 | 330 | 304 | 26 | 63 | 48 | 50 | 2-20 mm    |       |
| <b>-380-D48</b>             | 435.4 | 380 | 354 | 26 | 63 | 48 | 50 | 2-20 mm    |       |
| <b>-430-D48</b>             | 485.4 | 430 | 404 | 26 | 63 | 48 | 50 | 2-20 mm    |       |
| <b>-500-D48</b>             | 555.4 | 500 | 474 | 26 | 63 | 48 | 50 | 2-20 mm    |       |

规格说明:



# ·SBT50-SNER 阻尼减振刀柄

## SBT50-SNER DAMPING ANTI-VIBRATION TOOL HOLDER



| 规格 Model                    | L     | L1  | L2    | L3   | D   | D1 | D2 | 夹持范围 Range | 重量 KG |
|-----------------------------|-------|-----|-------|------|-----|----|----|------------|-------|
| <b>SBT50-SNER25-230-D38</b> | 321.8 | 230 | 193.5 | 36.5 | 100 | 38 | 40 | 1-16 mm    |       |
| <b>-280-D38</b>             | 371.8 | 280 | 243.5 | 36.5 | 100 | 38 | 40 | 1-16 mm    |       |
| <b>-330-D38</b>             | 421.8 | 330 | 293.5 | 36.5 | 100 | 38 | 40 | 1-16 mm    |       |
| <b>-380-D38</b>             | 471.8 | 380 | 343.5 | 36.5 | 100 | 38 | 40 | 1-16 mm    |       |
| <b>-430-D38</b>             | 521.8 | 430 | 393.5 | 36.5 | 100 | 38 | 40 | 1-16 mm    |       |
| <b>-480-D38</b>             | 571.8 | 480 | 443.5 | 36.5 | 100 | 38 | 40 | 1-16 mm    |       |
| <b>-530-D38</b>             | 621.8 | 530 | 493.5 | 36.5 | 100 | 38 | 40 | 1-16 mm    |       |
| <b>-600-D38</b>             | 691.8 | 600 | 563.5 | 36.5 | 100 | 38 | 40 | 1-16 mm    |       |
| <b>-SNER32-230-D48</b>      | 321.8 | 230 | 193.5 | 36.5 | 100 | 48 | 50 | 2-20 mm    |       |
| <b>-280-D48</b>             | 371.8 | 280 | 243.5 | 36.5 | 100 | 48 | 50 | 2-20 mm    |       |
| <b>-330-D48</b>             | 421.8 | 330 | 293.5 | 36.5 | 100 | 48 | 50 | 2-20 mm    |       |
| <b>-380-D48</b>             | 471.8 | 380 | 343.5 | 36.5 | 100 | 48 | 50 | 2-20 mm    |       |
| <b>-430-D48</b>             | 521.8 | 430 | 393.5 | 36.5 | 100 | 48 | 50 | 2-20 mm    |       |
| <b>-480-D48</b>             | 571.8 | 480 | 443.5 | 36.5 | 100 | 48 | 50 | 2-20 mm    |       |
| <b>-530-D48</b>             | 621.8 | 530 | 493.5 | 36.5 | 100 | 48 | 50 | 2-20 mm    |       |
| <b>-580-D48</b>             | 671.8 | 580 | 543.5 | 36.5 | 100 | 48 | 50 | 2-20 mm    |       |
| <b>-630-D48</b>             | 721.8 | 630 | 593.5 | 36.5 | 100 | 48 | 50 | 2-20 mm    |       |
| <b>-700-D48</b>             | 791.8 | 700 | 663.5 | 36.5 | 100 | 48 | 50 | 2-20 mm    |       |
| <b>-SNER40-230-D58</b>      | 321.8 | 230 | 193.5 | 36.5 | 100 | 58 | 63 | 2-26 mm    |       |
| <b>-280-D58</b>             | 371.8 | 280 | 243.5 | 36.5 | 100 | 58 | 63 | 2-26 mm    |       |
| <b>-330-D58</b>             | 421.8 | 330 | 293.5 | 36.5 | 100 | 58 | 63 | 2-26 mm    |       |
| <b>-380-D58</b>             | 471.8 | 380 | 343.5 | 36.5 | 100 | 58 | 63 | 2-26 mm    |       |
| <b>-430-D58</b>             | 521.8 | 430 | 393.5 | 36.5 | 100 | 58 | 63 | 2-26 mm    |       |
| <b>-480-D58</b>             | 571.8 | 480 | 443.5 | 36.5 | 100 | 58 | 63 | 2-26 mm    |       |
| <b>-530-D58</b>             | 621.8 | 530 | 493.5 | 36.5 | 100 | 58 | 63 | 2-26 mm    |       |
| <b>-580-D58</b>             | 671.8 | 580 | 543.5 | 36.5 | 100 | 58 | 63 | 2-26 mm    |       |
| <b>-630-D58</b>             | 721.8 | 630 | 593.5 | 36.5 | 100 | 58 | 63 | 2-26 mm    |       |
| <b>-700-D58</b>             | 791.8 | 700 | 663.5 | 36.5 | 100 | 58 | 63 | 2-26 mm    |       |

规格说明:

