



CUTTING TOOLS  
CATALOG



Precision Cutting Tools

Industrial cutting tools for precision machining

Website  
[www.cutoutiltools.com](http://www.cutoutiltools.com)

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Precision machining tool manufacturer

- Located in Changsha , China
- Specializes in tungsten carbide and cermet cutting tools, covering R&D, production, sales and service.
- Serves aerospace, automotive, consumer electronics, pneumatic/hydraulic, engineering machinery and precision machining.

Key strengths

- Precision cutting tools and special customized tools
- Boring, grooving, threading and contour forming solutions



精密刀具，尤其是非标订制刀具

- 小孔镗刀
- 切槽刀
- 螺纹刀
- 订制轮廓成型刀
- 其他订制刀具

Precision tools, especially special customized tools

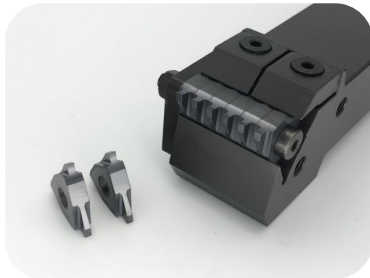
- Boring tools
- Grooving
- Threading
- Customized contour forming tools
- Other customized tools

应用领域

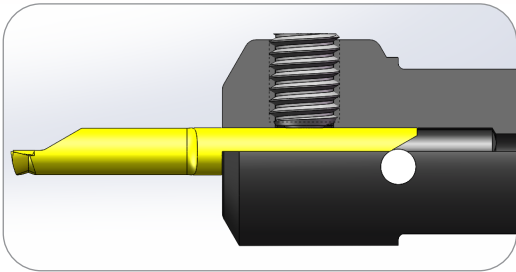
- 汽车精密零部件：动力系统，传动系统，转向系统，控制系统。
- 消费电子：手机，手表精密部件。
- 航空航天：发动机部件，燃油喷射部件。
- 气动液压：液压阀，泵等精密部件。
- 其他精密零部件。

Application area

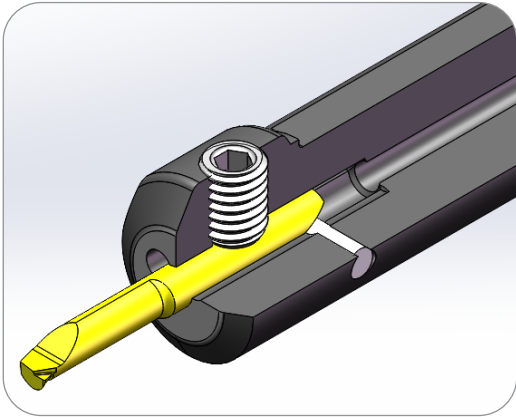
- Automotive precision components: power system, transmission system, steering system, control system.
- Consumer electronics: precision components for mobile phones and watches.
- Aerospace: engine components, fuel injection components.
- Pneumatic hydraulic: precision components such as hydraulic valves and pumps.
- Other precision components.



|                            |                                        |                  |                                    |      |
|----------------------------|----------------------------------------|------------------|------------------------------------|------|
| 车削<br>Turning              | SC 系列内孔刀具<br>Small cut                 | 刀杆               | Holder                             | P008 |
|                            |                                        | 内孔镗刀             | Boring                             | P010 |
|                            |                                        | 内孔切槽刀            | Grooving                           | P019 |
|                            |                                        | 内孔螺纹刀            | Threading                          | P029 |
|                            |                                        | 端面槽刀             | Face grooving                      | P035 |
|                            |                                        | 倒角刀              | Chamfering                         | P038 |
|                            |                                        | 背镗刀              | Back boring                        | P039 |
|                            |                                        | 预切断刀             | Pre-parting off                    | P040 |
|                            | BM 系列内孔刀具<br>BM internal tools         | BM07 系列刀杆        | BM07 Holder                        | P043 |
|                            |                                        | BM07 系列内孔镗刀      | BM07 Boring                        | p044 |
|                            |                                        | BM07 系列内孔切槽刀     | BM07 Grooving                      | P047 |
|                            |                                        | BM07 系列内孔螺纹刀     | BM07 Threading                     | P050 |
|                            |                                        | BM09 系列刀杆        | BM09 Holder                        | P055 |
|                            |                                        | BM09 系列内孔切槽刀     | BM09 Grooving                      | P056 |
|                            |                                        | BM09 系列端面槽刀      | BM09 Face grooving                 | P059 |
|                            |                                        | BM11 系列刀杆        | BM11 Holder                        | P063 |
|                            | BM11 系列切槽刀                             | BM11 Grooving    | P064                               |      |
|                            | 225 系列外圆刀具<br>225 external tools       | 刀杆               | Holder                             | P067 |
|                            |                                        | 前扫刀              | Front turning                      | P069 |
|                            |                                        | 后扫刀              | Back turning                       | P070 |
|                            |                                        | 切断刀              | Parting off                        | P071 |
|                            |                                        | 切槽刀              | Grooving                           | P073 |
|                            |                                        | 螺纹刀              | Threading                          | P075 |
|                            | 走芯机刀具<br>Tools for Swiss type lathe    | D 形刀片和刀杆         | D type Insert and Holder           | P079 |
|                            |                                        | T 形刀片和刀杆         | T type Insert and Holder           | P087 |
|                            |                                        | V 形刀片和刀杆         | V type Insert and Holder           | P092 |
|                            |                                        | C 形刀片和刀杆         | C type Insert and Holder           | P099 |
|                            |                                        | 后扫刀片和刀杆          | Back turning Insert and Holder     | P104 |
|                            |                                        | 切断刀片和刀杆          | Parting off Insert and Holder      | P107 |
|                            |                                        | 浅槽刀片和刀杆          | Shallow Grooving Insert and Holder | P112 |
|                            |                                        | 螺纹刀片             | Threading Insert                   | P117 |
| 铣削<br>Milling              | M327 系列刀具<br>M327 series cutting tools | B327 系列刀杆        | B327 Milling holder                | P119 |
|                            |                                        | M327/M627 系列铣槽刀  | M327/M627 Groove milling           | P120 |
|                            |                                        | M327/M627 系列螺纹铣刀 | M327/M627 Thread milling           | P125 |
|                            |                                        | M327/M627 系列倒角铣刀 | M327/M627 Chamfer milling          | P129 |
| 加工参数 Cutting Data          |                                        |                  |                                    | P130 |
| 牌号介绍 Grade Description     |                                        |                  |                                    | P140 |
| 特殊应用介绍 Special Application |                                        |                  |                                    | P142 |



特殊的定位方式，刀具强度和刚性极佳  
Designed for special positioning with excellent tool strength and rigidity



极高的重复定位精度，长度误差 $\pm 0.04\text{mm}$ ，径向误差 $\pm 0.03\text{mm}$ ，中心高误差 $+0.03\text{mm}$   
Very high repeatability with length tolerance $\pm 0.04\text{mm}$ , radial tolerance $\pm 0.03\text{mm}$ , center height tolerance $+0.03\text{mm}$



双内冷孔设计：冷却液直达刃口，带走切削热量和切屑。  
Double internal bore design: coolant reaches the cutting edge to carry away cutting heat and chips

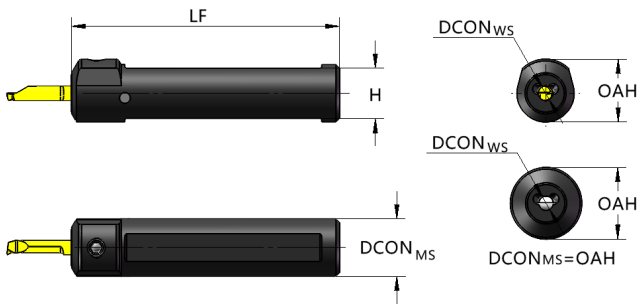


Small Cut 系列

- 高精度小径切削系列
- 极高的轴向和径向重复定位精度
- 免除换刀时的重复对刀工作
- 超过400款标准品库存

Small Cut series

- High precision
- Extremely high axial and radial repeatable positioning accuracy
- Eliminate repetitive tool setting work when changing tools
- More than 400 standard products in stock

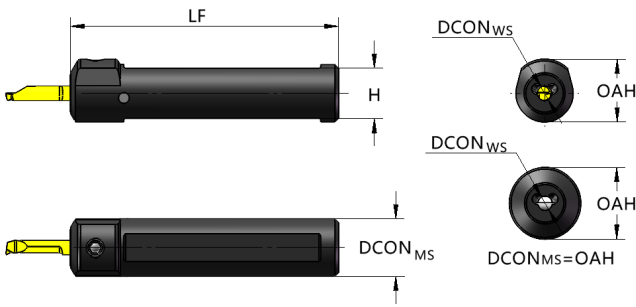


公制内冷钢刀杆  
Steel holder in Metric with internal coolant

●: 库存品 on stock    ●: 1周 1week    ○: 3周 3weeks

| 型号 Order Number | DCON <sub>WS</sub> | DCON <sub>MS</sub> | LF  | H  | OAH  | 螺钉 Screw | 扳手 Wrench | 库存 Stock |
|-----------------|--------------------|--------------------|-----|----|------|----------|-----------|----------|
| BSC.A10.04      | 4                  | 10                 | 65  | 8  | 14.5 | M6-8-N3  | N3-L      | ●        |
| BSC.A10.05      | 5                  |                    |     |    | 15   |          |           | ●        |
| BSC.A12.04      | 4                  | 12                 | 70  | 10 | 15.5 | M6-8-N3  | N3-L      | ●        |
| BSC.A12.05      | 5                  |                    |     |    | 16   |          |           | ●        |
| BSC.A12.06      | 6                  |                    |     |    | 16.5 |          |           | ●        |
| BSC.A16.04      | 4                  | 16                 | 75  | 14 | 17.5 | M6-8-N3  | N3-L      | ●        |
| BSC.A16.05      | 5                  |                    |     |    | 18   |          |           | ●        |
| BSC.A16.06      | 6                  |                    |     |    | 18.5 |          |           | ●        |
| BSC.A16.07      | 7                  |                    |     |    | 19   |          |           | ●        |
| BSC.A16.08      | 8                  |                    |     |    | 19.5 |          |           | ●        |
| BSC.A20.04      | 4                  | 20                 | 90  | 18 | 20   | M6-8-N3  | N3-L      | ●        |
| BSC.A20.05      | 5                  |                    |     |    | 20   |          |           | ●        |
| BSC.A20.06      | 6                  |                    |     |    | 22   |          |           | ●        |
| BSC.A20.07      | 7                  |                    |     |    | 22   |          |           | ●        |
| BSC.A20.08      | 8                  |                    |     |    | 25   |          |           | ●        |
| BSC.A20.10      | 10                 |                    |     |    | 25   |          |           | ●        |
| BSC.A22.04      | 4                  | 22                 | 110 | 20 | 22   | M6-8-N3  | N3-L      | ●        |
| BSC.A22.05      | 5                  |                    |     |    | 22   |          |           | ●        |
| BSC.A22.06      | 6                  |                    |     |    | 22   |          |           | ●        |
| BSC.A22.07      | 7                  |                    |     |    | 22   |          |           | ●        |
| BSC.A22.08      | 8                  |                    |     |    | 22   |          |           | ●        |
| BSC.A25.04      | 4                  | 25                 | 110 | 23 | 25   | M6-8-N3  | N3-L      | ●        |
| BSC.A25.05      | 5                  |                    |     |    | 25   |          |           | ●        |
| BSC.A25.06      | 6                  |                    |     |    | 25   |          |           | ●        |
| BSC.A25.07      | 7                  |                    |     |    | 25   |          |           | ●        |
| BSC.A25.08      | 8                  |                    |     |    | 25   |          |           | ●        |
| BSC.A25.10      | 10                 |                    |     |    | 25   |          |           | ●        |

刀杆 Holder

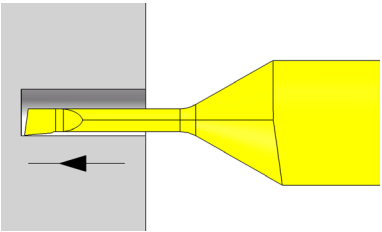
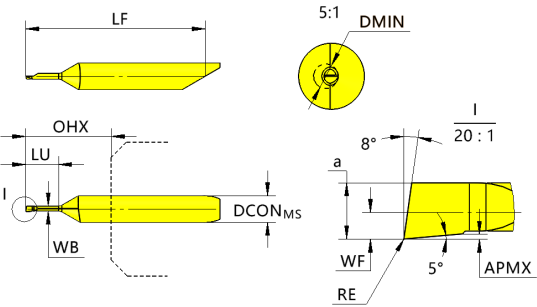


英制内冷钢刀杆  
Steel holder in inch with internal coolant

●: 库存品 on stock    1周 1week    3周 3weeks

| 型号 Order Number | DCON <sub>WS</sub> | DCON <sub>MS</sub> | LF  | H     | OAH  | 螺钉 Screw | 扳手 Wrench | 库存 Stock |
|-----------------|--------------------|--------------------|-----|-------|------|----------|-----------|----------|
| BSC.A0750.04    | 4                  | 19.05              | 110 | 17.05 | 20   | M6-8-N3  | N3-L      | ●        |
| BSC.A0750.05    | 5                  |                    |     |       | 20   |          |           | ●        |
| BSC.A0750.06    | 6                  |                    |     |       | 22   |          |           | ●        |
| BSC.A0750.07    | 7                  |                    |     |       | 22   |          |           | ●        |
| BSC.A0750.08    | 8                  |                    |     |       | 24   |          |           | ●        |
| BSC.A1000.04M   | 4                  | 25.4               | 110 | 23.4  | 25.4 | M6-8-N3  | N3-L      | ●        |
| BSC.A1000.05M   | 5                  |                    |     |       | 25.4 |          |           | ●        |
| BSC.A1000.06M   | 6                  |                    |     |       | 25.4 |          |           | ●        |
| BSC.A1000.07M   | 7                  |                    |     |       | 25.4 |          |           | ●        |
| BSC.A1000.08    | 8                  |                    |     |       | 25.4 |          |           | ●        |
| BSC.A1000.10    | 10                 |                    |     |       | 25.4 |          |           | ●        |

内孔镗刀 Boring



图示为右手  
Right hand shown

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

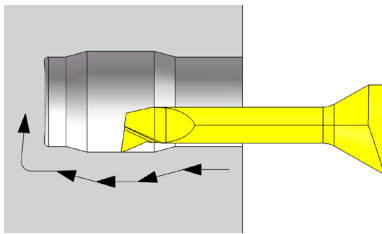
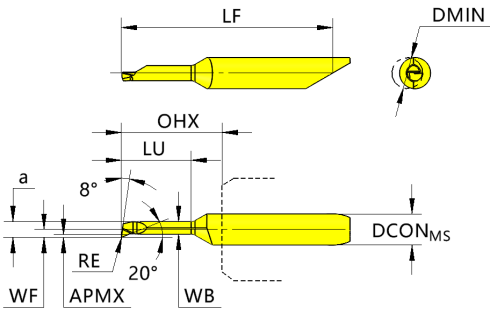
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| S |   | ▲ |   |   |
| H |   | △ |   | ▲ |

| 型号 Order Number    | DMIN | LU  | RE | APMX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |      |
|--------------------|------|-----|----|------|------|------|------|-----|--------------------|-------|----------|------|-----|------|
|                    |      |     |    |      |      |      |      |     |                    |       | TA61     | TD61 | M6  | CB10 |
| R/LSC4.098.00.0301 | 0.3  | 1.2 | 0  | 0.06 | 0.25 | 0.1  | 0.21 | 13  | 4                  | 27.25 | ●/●      | ●/1周 | ●/● |      |
| R/LSC4.098.00.0401 | 0.4  | 1.6 | 0  | 0.07 | 0.35 | 0.15 | 0.30 | 13  | 4                  | 27.25 | ●/●      | ●/1周 | ●/● |      |
| R/LSC4.098.00.0502 | 0.5  | 2   | 0  | 0.08 | 0.45 | 0.2  | 0.37 | 13  | 4                  | 27.25 | ●/●      | ●/1周 | ●/● |      |
| R/LSC4.098.00.0602 | 0.6  | 2.5 | 0  | 0.09 | 0.55 | 0.25 | 0.46 | 13  | 4                  | 27.25 | ●/●      | ●/1周 | ●/● |      |
| R/LSC4.098.00.0703 | 0.7  | 3.5 | 0  | 0.1  | 0.65 | 0.3  | 0.56 | 13  | 4                  | 27.25 | ●/●      | ●/1周 | ●/● |      |
| R/LSC4.098.00.0804 | 0.8  | 4   | 0  | 0.1  | 0.75 | 0.35 | 0.64 | 13  | 4                  | 27.25 | ●/●      | ●/1周 | ●/● |      |
| R/LSC4.098.00.0905 | 0.9  | 5   | 0  | 0.1  | 0.85 | 0.4  | 0.73 | 13  | 4                  | 27.25 | ●/●      | ●/1周 | ●/● |      |

内孔镗刀 Boring

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

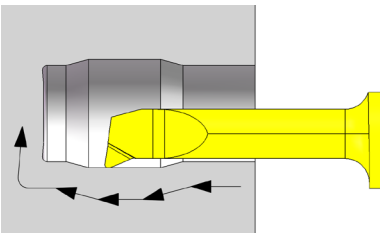
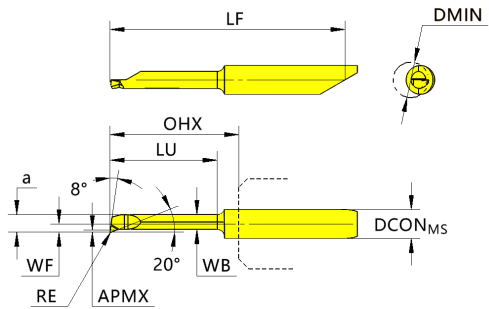
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| 型号 Order Number    | DMIN | LU | RE   | APMX | a   | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |      |
|--------------------|------|----|------|------|-----|------|------|-----|--------------------|-------|----------|------|-----|------|
|                    |      |    |      |      |     |      |      |     |                    |       | TA61     | TD61 | M6  | CB10 |
| R/LSC4.098.05.1004 | 1    | 4  | 0.05 | 0.1  | 0.9 | 0.45 | 0.70 | 13  | 4                  | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.05.1006 |      | 6  |      |      |     |      |      | 13  |                    | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.10.1004 | 1    | 4  | 0.1  | 0.1  | 0.9 | 0.45 | 0.70 | 13  | 4                  | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.10.1006 |      | 6  |      |      |     |      |      | 13  |                    | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.05.1706 | 1.7  | 6  | 0.05 | 0.2  | 1.5 | 0.7  | 1.20 | 13  | 4                  | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.05.1709 |      | 9  |      |      |     |      |      | 13  |                    | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.10.1706 | 1.7  | 6  | 0.1  | 0.2  | 1.5 | 0.7  | 1.20 | 13  | 4                  | 27.25 | ●/●      | ●/◐  | ●/● | ●/-  |
| R/LSC4.098.10.1709 |      | 9  |      |      |     |      |      | 13  |                    | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.05.2206 | 2.2  | 6  | 0.05 | 0.2  | 2   | 1.0  | 1.60 | 13  | 4                  | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.05.2209 |      | 9  |      |      |     |      |      | 13  |                    | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.10.2206 | 2.2  | 6  | 0.1  | 0.2  | 2   | 1.0  | 1.60 | 13  | 4                  | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.10.2209 |      | 9  |      |      |     |      |      | 13  |                    | 27.25 | ●/●      | ●/◐  | ●/● | ●/-  |
| R/LSC4.098.10.2213 |      | 13 |      |      |     |      |      | 18  |                    | 32.25 | ●/●      | ●/◐  | ●/● |      |

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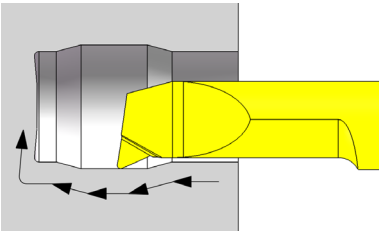
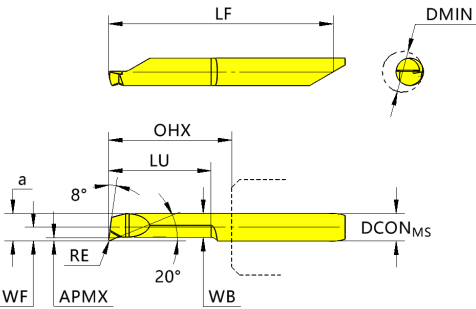
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| 型号 Order Number    | DMIN | LU | RE   | APMX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |      |
|--------------------|------|----|------|------|------|------|------|-----|--------------------|-------|----------|------|-----|------|
|                    |      |    |      |      |      |      |      |     |                    |       | TA61     | TD61 | M6  | CB10 |
| R/LSC4.098.03.2710 | 2.7  | 10 | 0.03 | 0.2  | 2.5  | 1.2  | 2.10 | 13  | 4                  | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.05.2710 | 2.7  | 10 | 0.05 | 0.2  | 2.5  | 1.2  | 2.10 | 13  | 4                  | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.05.2715 |      | 15 |      |      |      |      |      | 18  |                    | 32.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.15.2710 | 2.7  | 10 | 0.15 | 0.2  | 2.5  | 1.2  | 2.10 | 13  | 4                  | 27.25 | ●/●      | ●/◐  | ●/● | ●/-  |
| R/LSC4.098.15.2715 |      | 15 |      |      |      |      |      | 18  |                    | 32.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.03.3210 | 3.2  | 10 | 0.03 | 0.2  | 2.95 | 1.50 | 2.55 | 13  | 4                  | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.05.3215 |      | 15 | 0.05 |      |      |      |      | 18  |                    | 32.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.05.3220 |      | 20 |      |      |      |      |      | 23  |                    | 37.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.15.3210 | 3.2  | 10 | 0.15 | 0.2  | 2.95 | 1.50 | 2.55 | 13  | 4                  | 27.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.15.3215 |      | 15 |      |      |      |      |      | 18  |                    | 32.25 | ●/●      | ●/◐  | ●/● | ●/-  |
| R/LSC4.098.15.3220 |      | 20 |      |      |      |      |      | 23  |                    | 37.25 | ●/●      | ●/◐  | ●/● |      |
| R/LSC4.098.15.3715 | 3.7  | 15 | 0.15 | 0.2  | 3.45 | 1.7  | 3.05 | 18  | 4                  | 32.25 | ●/●      | ●/◐  | ●/● | ●/-  |

内孔镗刀 Boring

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

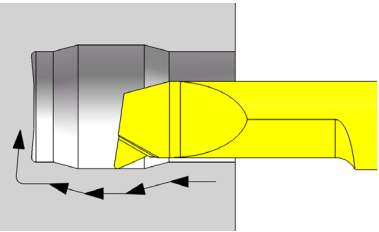
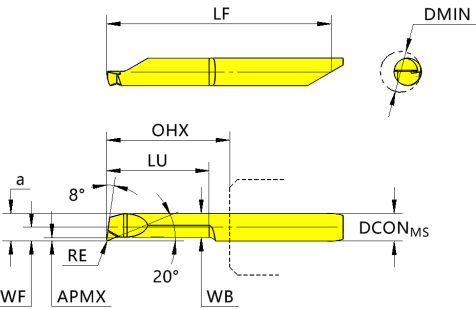
|   |   |   |   |   |
|---|---|---|---|---|
| P | ▲ |   |   |   |
| M | ▲ | ▲ |   |   |
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| N |   |   | ▲ |   |
| S |   | ▲ |   |   |
| H |   | △ |   | ▲ |

| 型号 Order Number    | DMIN | LU | RE   | APMX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |      |     |
|--------------------|------|----|------|------|------|------|------|-----|--------------------|-------|----------|------|-----|------|-----|
|                    |      |    |      |      |      |      |      |     |                    |       | TA61     | TD61 | M6  | CB10 |     |
| R/LSC4.098.03.4210 | 4.2  | 10 | 0.03 | 0.3  | 3.95 | 1.95 | 3.45 | 13  | 4                  | 27.25 | ●/●      | ●/●  | ●/● |      |     |
| R/LSC4.098.05.4215 |      | 15 |      |      |      |      |      | 18  |                    | 32.25 | ●/●      | ●/●  | ●/● |      |     |
| R/LSC4.098.05.4220 |      | 20 | 0.05 |      |      |      |      | 23  |                    | 37.25 | ●/●      | ●/●  | ●/● |      |     |
| R/LSC4.098.05.4225 |      | 25 |      |      |      |      |      | 28  |                    | 42.25 | ●/●      | ●/●  | ●/● |      |     |
| R/LSC4.098.15.4210 | 4.2  | 10 | 0.15 | 0.3  | 3.95 | 1.95 | 3.45 | 13  | 4                  | 27.25 | ●/●      | ●/●  | ●/● | ●/-  |     |
| R/LSC4.098.15.4215 |      | 15 |      |      |      |      |      |     |                    | 18    | 32.25    | ●/●  | ●/● | ●/●  | ●/- |
| R/LSC4.098.15.4220 |      | 20 |      |      |      |      |      |     |                    | 23    | 37.25    | ●/●  | ●/● | ●/●  | ●/- |
| R/LSC4.098.15.4225 |      | 25 |      |      |      |      |      |     |                    | 28    | 42.25    | ●/●  | ●/● | ●/●  | ●/- |
| R/LSC5.098.05.5220 | 5.2  | 20 | 0.05 | 0.5  | 4.95 | 2.45 | 4.30 | 23  | 5                  | 42.25 | ●/●      | ●/●  | ●/● |      |     |
| R/LSC5.098.05.5230 |      | 30 |      |      |      |      |      |     |                    | 33    | 52.25    | ●/●  | ●/● | ●/●  |     |
| R/LSC5.098.20.5210 | 5.2  | 10 | 0.2  | 0.5  | 4.95 | 2.45 | 4.30 | 13  | 5                  | 32.25 | ●/●      | ●/●  | ●/● | ●/-  |     |
| RSC5.098.20.5215   |      | 15 |      |      |      |      |      |     |                    | 18    | 37.25    | ●/●  | ●/● | ●/●  |     |
| R/LSC5.098.20.5220 |      | 20 |      |      |      |      |      |     |                    | 23    | 42.25    | ●/●  | ●/● | ●/●  | ●/- |
| R/LSC5.098.20.5225 |      | 25 |      |      |      |      |      |     |                    | 28    | 47.25    | ●/●  | ●/● | ●/●  | ●/- |
| R/LSC5.098.20.5230 |      | 30 |      |      |      |      |      |     |                    | 33    | 52.25    | ●/●  | ●/● | ●/●  | ●/- |
| R/LSC5.098.20.5235 |      | 35 |      |      |      |      |      |     |                    | 38    | 57.25    | ●/●  | ●/● | ●/●  |     |
| R/LSC5.098.20.5240 |      | 40 |      |      |      |      |      |     |                    | 43    | 62.25    | ●/●  | ●/● | ●/●  |     |

内孔镗刀 Boring

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

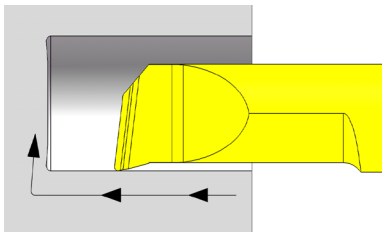
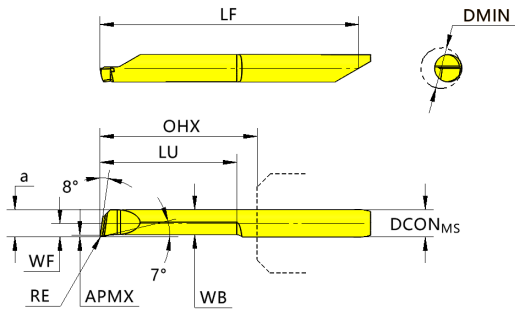
|   |   |   |   |   |
|---|---|---|---|---|
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| M | ▲ | ▲ |   |   |
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| 型号 Order Number    | DMIN | LU | RE   | APMX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |      |
|--------------------|------|----|------|------|------|------|------|-----|--------------------|-------|----------|------|-----|------|
|                    |      |    |      |      |      |      |      |     |                    |       | TA61     | TD61 | M6  | CB10 |
| R/LSC6.098.05.6220 | 6.2  | 20 | 0.05 | 0.5  | 5.95 | 2.95 | 5.35 | 23  | 6                  | 42.25 | ●/●      | ●/●  | ●/● |      |
| R/LSC6.098.20.6215 |      | 15 | 0.2  |      |      |      |      | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● | ●/-  |
| R/LSC6.098.20.6220 |      | 20 |      |      |      |      |      | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● | ●/-  |
| R/LSC6.098.20.6225 |      | 25 |      |      |      |      |      | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● | ●/-  |
| R/LSC6.098.20.6230 |      | 30 |      |      |      |      |      | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● | ●/-  |
| R/LSC6.098.20.6235 |      | 35 |      |      |      |      |      | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |      |
| R/LSC6.098.20.6240 |      | 40 |      |      |      |      |      | 43  |                    | 62.25 | ●/●      | ●/●  | ●/● | ●/-  |
| R/LSC7.098.20.7225 | 7.2  | 25 | 0.2  | 0.5  | 6.95 | 3.45 | 6.25 | 28  | 7                  | 47.25 | ●/●      | ●/●  | ●/● | ●/-  |
| R/LSC7.098.20.7230 |      | 30 |      |      |      |      |      | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● | ●/-  |
| R/LSC7.098.20.7240 |      | 40 |      |      |      |      |      | 43  |                    | 62.25 | ●/●      | ●/●  | ●/● | ●/-  |
| R/LSC7.098.20.7245 |      | 45 |      |      |      |      |      | 48  |                    | 67.25 | ●/●      | ●/●  | ●/● |      |
| R/LSC7.098.20.7250 |      | 50 |      |      |      |      |      | 53  |                    | 72.25 | ●/●      | ●/●  | ●/● | ●/-  |

内孔镗刀 Boring

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

带有断屑槽  
With Chip Breaker

●: 库存品 on stock    ①: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

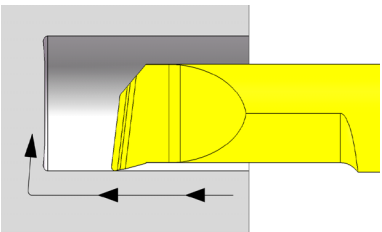
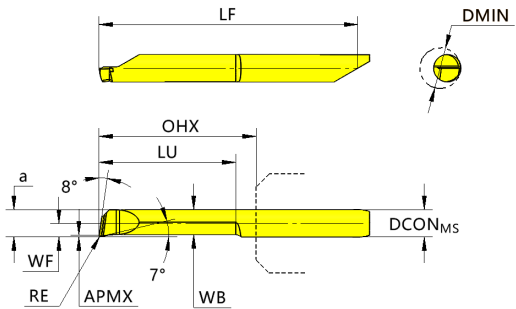
| 型号 Order Number    | DMIN | LU | RE   | APMX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |      |
|--------------------|------|----|------|------|------|------|------|-----|--------------------|-------|----------|------|-----|------|
|                    |      |    |      |      |      |      |      |     |                    |       | TA61     | TD61 | M6  | CB10 |
| R/LSC4.098A08.4230 | 4.2  | 30 | 0.08 | 0.3  | 3.95 | 1.95 | 3.55 | 38  | 4                  | 52.25 | ●/●      | ●/①  | ●/● |      |
| R/LSC4.098A15.4210 |      | 10 |      | 0.1  |      |      | 3.8  | 13  |                    | 27.25 | ●/●      | ●/①  | ●/● |      |
| R/LSC4.098A15.4220 |      | 20 |      | 0.1  |      |      | 3.8  | 23  |                    | 37.25 | ●/●      | ●/①  | ●/● |      |
| R/LSC4.098A15.4225 |      | 25 |      | 0.4  |      |      | 3.45 | 28  |                    | 42.25 | ●/●      | ●/①  | ●/● |      |
| R/LSC4.098A20.4215 |      | 15 |      | 0.8  |      |      | 3.05 | 18  |                    | 32.25 | ●/●      | ●/①  | ●/● |      |
| R/LSC5.098A08.5240 | 5.2  | 40 | 0.08 | 0.3  | 4.95 | 2.45 | 4.55 | 43  | 5                  | 62.25 | ●/●      | ●/①  | ●/● |      |
| R/LSC5.098A20.5210 |      | 10 |      | 0.1  |      |      | 4.75 | 13  |                    | 32.25 | ●/●      | ●/①  | ●/● |      |
| R/LSC5.098A20.5215 |      | 15 |      | 0.6  |      |      | 4.25 | 18  |                    | 37.25 | ●/●      | ●/①  | ●/● |      |
| R/LSC5.098A20.5220 |      | 20 |      | 0.1  |      |      |      | 23  |                    | 42.25 | ●/●      | ●/①  | ●/● |      |
| R/LSC5.098A20.5225 |      | 25 |      | 0.1  |      |      | 4.75 | 28  |                    | 47.25 | ●/●      | ●/①  | ●/● |      |
| R/LSC5.098A20.5230 |      | 30 |      | 0.1  |      |      |      | 33  |                    | 52.25 | ●/●      | ●/①  | ●/● |      |

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内孔镗刀 Boring

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

带有断屑槽  
With Chip Breaker

●: 库存品 on stock    ①: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

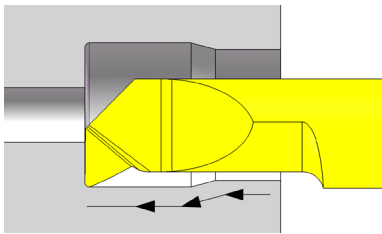
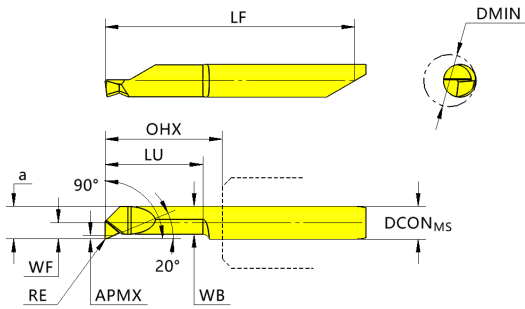
| 型号 Order Number    | DMIN | LU | RE   | APMX | a    | WF   | WB   | OHX  | DCON <sub>MS</sub> | LF    | 库存 Stock |       |     |     |
|--------------------|------|----|------|------|------|------|------|------|--------------------|-------|----------|-------|-----|-----|
|                    |      |    |      |      |      |      |      |      |                    |       | TA61     | TD61  | M6  |     |
| R/LSC6.098A08.6245 | 6.2  | 45 | 0.08 | 0.35 | 5.95 | 2.95 | 5.5  | 53   | 6                  | 72.25 | ●/●      | ●/●   | ●/● |     |
| R/LSC6.098A20.6215 |      | 15 | 0.2  | 0.15 |      |      | 5.7  | 18   |                    | 37.25 | ●/●      | ●/●   | ●/● |     |
| R/LSC6.098A20.6220 |      | 20 |      |      |      |      |      | 23   |                    | 42.25 | ●/●      | ●/●   | ●/● |     |
| R/LSC6.098A20.6225 |      | 25 |      |      |      |      |      | 28   |                    | 47.25 | ●/●      | ●/●   | ●/● |     |
| R/LSC6.098A20.6230 |      | 30 |      |      |      |      |      | 33   |                    | 52.25 | ●/●      | ●/●   | ●/● |     |
| R/LSC6.098A20.6240 |      | 40 |      |      |      |      |      | 0.6  |                    | 5.25  | 43       | 62.25 | ●/● | ●/● |
| R/LSC7.098A08.7255 | 7.2  | 55 | 0.08 | 0.35 | 6.95 | 3.45 | 6.5  | 63   | 7                  | 82.25 | ●/●      | ●/●   | ●/● |     |
| R/LSC7.098A20.7225 |      | 25 | 0.2  | 0.25 |      |      | 6.60 | 28   |                    | 47.25 | ●/●      | ●/●   | ●/● |     |
| R/LSC7.098A20.7230 |      | 30 |      |      |      |      |      | 33   |                    | 52.25 | ●/●      | ●/●   | ●/● |     |
| R/LSC7.098A20.7240 |      | 40 |      |      |      |      |      | 0.25 |                    | 43    | 62.25    | ●/●   | ●/● | ●/● |

|   |   |   |   |   |
|---|---|---|---|---|
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| M | ▲ | ▲ |   |   |
| K |   |   |   |   |
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| S |   | ▲ |   |   |
| H |   | △ |   | ▲ |

内孔镗刀 Boring

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

90°主偏角  
90° cutting edge angle

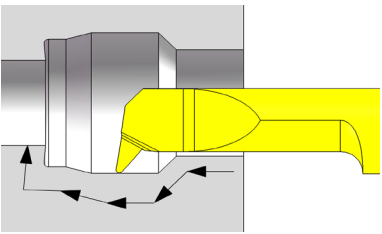
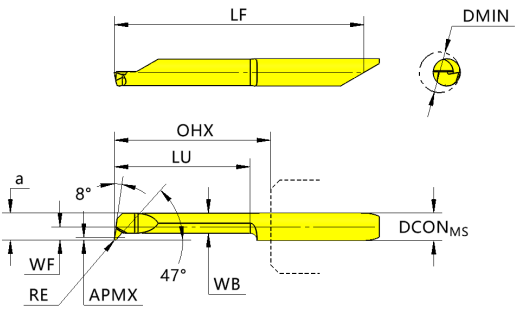
●: 库存品 on stock    ●: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number    | DMIN | LU | RE   | APMX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |      |
|--------------------|------|----|------|------|------|------|------|-----|--------------------|-------|----------|------|-----|------|
|                    |      |    |      |      |      |      |      |     |                    |       | TA61     | TD61 | M6  | CB10 |
| R/LSC4.090.15.3212 | 3.2  | 12 | 0.15 | 0.2  | 2.95 | 1.5  | 2.55 | 15  | 4                  | 29.25 | ●/●      | ●/●  | ●/● |      |
| R/LSC4.090.15.4215 | 4.2  | 15 | 0.15 | 0.3  | 3.95 | 1.95 | 3.45 | 18  | 4                  | 32.25 | ●/●      | ●/●  | ●/● |      |
| R/LSC5.090.20.5210 | 5.2  | 10 | 0.2  | 0.5  | 4.95 | 2.45 | 4.25 | 13  | 5                  | 32.25 | ●/●      | ●/●  | ●/● |      |
| R/LSC5.090.20.5215 | 5.2  | 15 | 0.2  | 0.5  | 4.95 | 2.45 | 4.25 | 18  | 5                  | 37.25 | ●/●      | ●/●  | ●/● |      |
| R/LSC5.090.20.5220 | 5.2  | 20 | 0.2  | 0.5  | 4.95 | 2.45 | 4.25 | 23  | 5                  | 42.25 | ●/●      | ●/●  | ●/● |      |

内孔镗刀 Boring

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

47°副偏角  
47° minor cutting edge angle

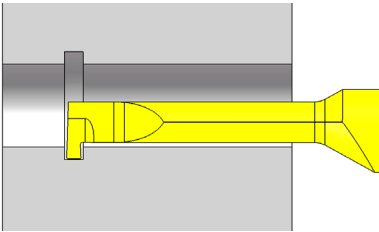
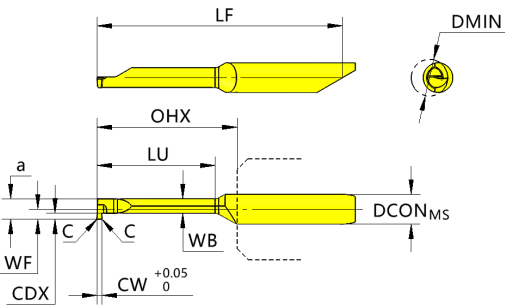
●: 库存品 on stock    ●: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number    | DMIN | LU | RE   | APMX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |      |
|--------------------|------|----|------|------|------|------|------|-----|--------------------|-------|----------|------|-----|------|
|                    |      |    |      |      |      |      |      |     |                    |       | TA61     | TD61 | M6  | CB10 |
| R/LSC4.E98.15.4220 | 4.2  | 20 | 0.15 | 0.8  | 3.95 | 1.95 | 2.95 | 23  | 4                  | 37.25 | ●/●      | ●/●  | ●/● |      |
| R/LSC5.E98.15.5225 | 5.2  | 25 | 0.15 | 1    | 4.95 | 2.45 | 3.75 | 28  | 5                  | 47.25 | ●/●      | ●/●  | ●/● |      |
| R/LSC6.E98.15.6230 | 6.2  | 30 | 0.15 | 1.8  | 5.95 | 2.95 | 3.95 | 33  | 6                  | 52.25 | ●/●      | ●/●  | ●/● |      |
| R/LSC7.E98.20.7240 | 7.2  | 40 | 0.2  | 2.5  | 6.95 | 3.45 | 4.2  | 43  | 7                  | 62.25 | ●/●      | ●/●  | ●/● |      |

内孔槽刀 Internal grooving

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

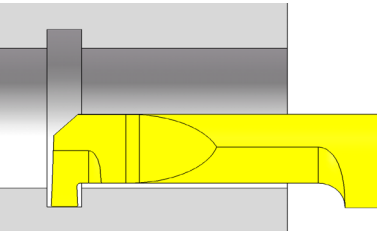
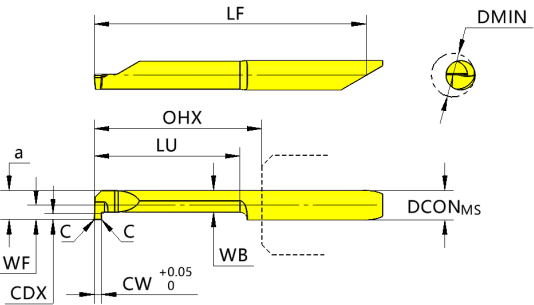
| 型号 Order Number  | DMIN | CW  | C    | LU | CDX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|-----|------|----|-----|------|------|------|-----|--------------------|-------|----------|------|-----|
|                  |      |     |      |    |     |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| R/LSC4.G050.2006 | 2    | 0.5 | 0    | 6  | 0.4 | 1.75 | 0.85 | 1.15 | 13  | 4                  | 27.25 | ●/●      | ●/1  | ●/● |
| R/LSC4.G050.2009 |      |     |      | 9  |     |      |      |      | 13  |                    | 27.25 | ●/●      | ●/1  | ●/● |
| R/LSC4.G050.2012 |      |     |      | 12 |     |      |      |      | 18  |                    | 32.25 | ●/●      | ●/1  | ●/● |
| R/LSC4.G070.3008 | 3    | 0.7 | 0.04 | 8  | 0.6 | 2.75 | 1.35 | 1.95 | 11  | 4                  | 25.25 | ●/●      | ●/1  | ●/● |
| R/LSC4.G070.3012 |      |     |      | 12 |     |      |      |      | 15  |                    | 29.25 | ●/●      | ●/1  | ●/● |
| R/LSC4.G070.3016 |      |     |      | 16 |     |      |      |      | 19  |                    | 33.25 | ●/●      | ●/1  | ●/● |

|   |   |   |   |
|---|---|---|---|
| P | ▲ |   |   |
| M | ▲ | ▲ |   |
| K |   |   |   |
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内孔槽刀 Internal grooving

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

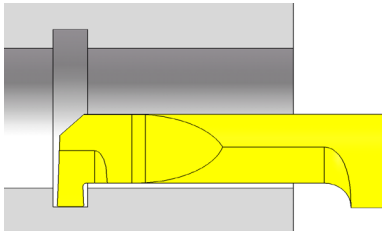
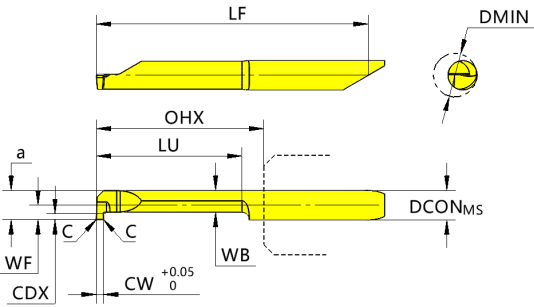
●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number  | DMIN | CW  | C    | LU | CDX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|-----|------|----|-----|------|------|------|-----|--------------------|-------|----------|------|-----|
|                  |      |     |      |    |     |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| R/LSC4.G100.4210 | 4.2  | 1   | 0.04 | 10 | 0.8 | 3.95 | 1.95 | 2.95 | 13  | 4                  | 27.25 | ●/●      | ●/1  | ●/● |
| R/LSC4.G100.4215 |      |     |      | 15 |     |      |      |      | 18  |                    | 32.25 | ●/●      | ●/1  | ●/● |
| R/LSC4.G100.4220 |      |     |      | 20 |     |      |      |      | 23  |                    | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G100.5210 | 5.2  | 1   | 0.04 | 10 | 1   | 4.95 | 2.45 | 3.8  | 13  | 5                  | 32.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G100.5215 |      |     |      | 15 |     |      |      |      | 18  |                    | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G100.5220 |      |     |      | 20 |     |      |      |      | 23  |                    | 42.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G100.5225 |      |     |      | 25 |     |      |      |      | 28  |                    | 47.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G100.5230 |      |     |      | 30 |     |      |      |      | 33  |                    | 52.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G100.5235 |      |     |      | 35 |     |      |      |      | 38  |                    | 57.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G150.5210 | 5.2  | 1.5 | 0.04 | 10 | 1   | 4.95 | 2.45 | 3.8  | 13  | 5                  | 32.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G150.5215 |      |     |      | 15 |     |      |      |      | 18  |                    | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G150.5220 |      |     |      | 20 |     |      |      |      | 23  |                    | 42.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G150.5225 |      |     |      | 25 |     |      |      |      | 28  |                    | 47.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G150.5230 |      |     |      | 30 |     |      |      |      | 33  |                    | 52.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G150.5235 |      |     |      | 35 |     |      |      |      | 38  |                    | 57.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G200.5210 | 5.2  | 2   | 0.04 | 10 | 1   | 4.95 | 2.45 | 3.8  | 13  | 5                  | 32.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G200.5215 |      |     |      | 15 |     |      |      |      | 18  |                    | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G200.5220 |      |     |      | 20 |     |      |      |      | 23  |                    | 42.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G200.5225 |      |     |      | 25 |     |      |      |      | 28  |                    | 47.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.G200.5230 |      |     |      | 30 |     |      |      |      | 33  |                    | 52.25 | ●/●      | ●/1  | ●/● |

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内孔槽刀 Internal grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

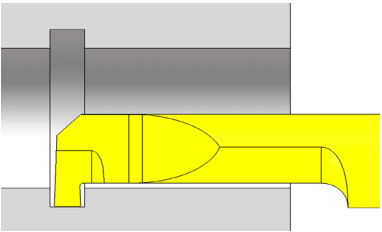
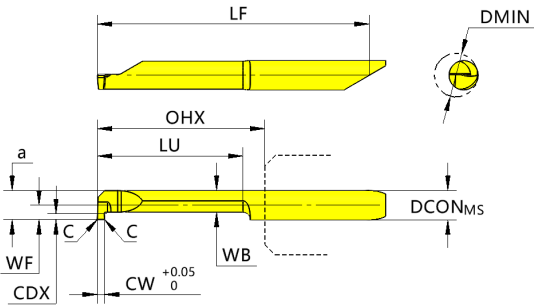
●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number  | DMIN | CW  | C    | LU | CDX | a    | WF   | WB | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|-----|------|----|-----|------|------|----|-----|--------------------|-------|----------|------|-----|
|                  |      |     |      |    |     |      |      |    |     |                    |       | TA61     | TD61 | M6  |
| R/LSC6.G100.6210 | 6.2  | 1   | 0.04 | 10 | 1.8 | 5.95 | 2.95 | 4  | 13  | 6                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G100.6215 |      |     |      | 15 |     |      |      |    | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G100.6220 |      |     |      | 20 |     |      |      |    | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G100.6225 |      |     |      | 25 |     |      |      |    | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G100.6230 |      |     |      | 30 |     |      |      |    | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G100.6235 |      |     |      | 35 |     |      |      |    | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G100.6240 |      |     |      | 40 |     |      |      |    | 43  |                    | 62.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G150.6210 | 6.2  | 1.5 | 0.04 | 10 | 1.8 | 5.95 | 2.95 | 4  | 13  | 6                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G150.6215 |      |     |      | 15 |     |      |      |    | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G150.6220 |      |     |      | 20 |     |      |      |    | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G150.6225 |      |     |      | 25 |     |      |      |    | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G150.6230 |      |     |      | 30 |     |      |      |    | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G150.6235 |      |     |      | 35 |     |      |      |    | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G200.6210 | 6.2  | 2   | 0.04 | 10 | 1.8 | 5.95 | 2.95 | 4  | 13  | 6                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G200.6215 |      |     |      | 15 |     |      |      |    | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G200.6220 |      |     |      | 20 |     |      |      |    | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G200.6225 |      |     |      | 25 |     |      |      |    | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G200.6230 |      |     |      | 30 |     |      |      |    | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |

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内孔槽刀 Internal grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

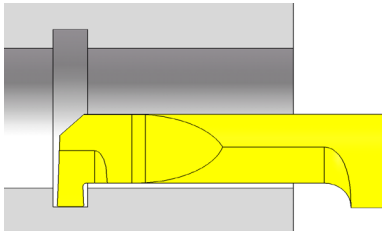
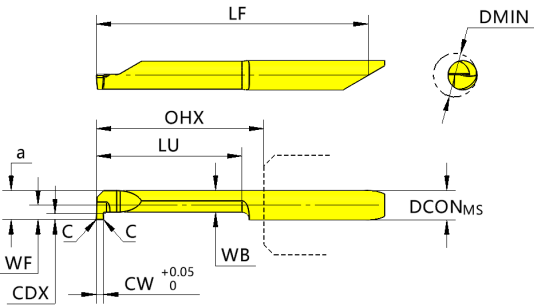
●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number  | DMIN | CW  | C    | LU | CDX | a    | WF   | WB  | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|-----|------|----|-----|------|------|-----|-----|--------------------|-------|----------|------|-----|
|                  |      |     |      |    |     |      |      |     |     |                    |       | TA61     | TD61 | M6  |
| R/LSC7.G100.7210 | 7.2  | 1   | 0.04 | 10 | 2.5 | 6.95 | 3.45 | 4.3 | 13  | 7                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G100.7215 |      |     |      | 15 |     |      |      |     | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G100.7220 |      |     |      | 20 |     |      |      |     | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G100.7225 |      |     |      | 25 |     |      |      |     | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G100.7230 |      |     |      | 30 |     |      |      |     | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G100.7235 |      |     |      | 35 |     |      |      |     | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G100.7240 |      |     |      | 40 |     |      |      |     | 43  |                    | 62.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G150.7210 | 7.2  | 1.5 | 0.04 | 10 | 2.5 | 6.95 | 3.45 | 4.3 | 13  | 7                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G150.7215 |      |     |      | 15 |     |      |      |     | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G150.7220 |      |     |      | 20 |     |      |      |     | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G150.7225 |      |     |      | 25 |     |      |      |     | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G150.7230 |      |     |      | 30 |     |      |      |     | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G150.7235 |      |     |      | 35 |     |      |      |     | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G150.7240 |      |     |      | 40 |     |      |      |     | 43  |                    | 62.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G200.7210 | 7.2  | 2   | 0.04 | 10 | 2.5 | 6.95 | 3.45 | 4.3 | 13  | 7                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G200.7215 |      |     |      | 15 |     |      |      |     | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G200.7220 |      |     |      | 20 |     |      |      |     | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G200.7225 |      |     |      | 25 |     |      |      |     | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G200.7230 |      |     |      | 30 |     |      |      |     | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G200.7235 |      |     |      | 35 |     |      |      |     | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |

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内孔槽刀 Internal grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

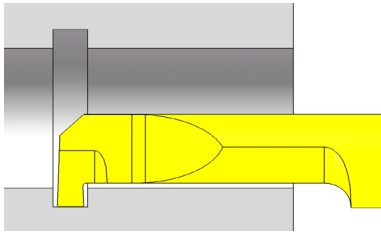
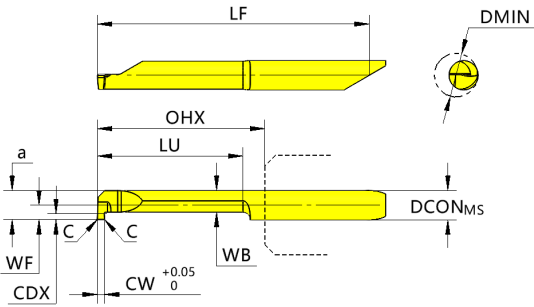
卡簧槽专用  
For circlip grooves

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number  | DMIN | CW   | C    | LU | CDX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|------|------|----|-----|------|------|------|-----|--------------------|-------|----------|------|-----|
|                  |      |      |      |    |     |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| R/LSC4.G078.4210 | 4.2  | 0.78 | 0.04 | 10 | 0.8 | 3.95 | 1.95 | 2.95 | 13  | 4                  | 27.25 | ●/●      | ●/●  | ●/● |
| R/LSC4.G078.4215 |      |      |      | 15 |     |      |      |      | 18  |                    | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC4.G078.4220 |      |      |      | 20 |     |      |      |      | 23  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC4.G078.4225 |      |      |      | 25 |     |      |      |      | 28  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G078.5210 | 5.2  | 0.78 | 0.04 | 10 | 1   | 4.95 | 2.45 | 3.8  | 13  | 5                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G078.5215 |      |      |      | 15 |     |      |      |      | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G078.5220 |      |      |      | 20 |     |      |      |      | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G078.5225 |      |      |      | 25 |     |      |      |      | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G078.5230 |      |      |      | 30 |     |      |      |      | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G078.5235 |      |      |      | 35 |     |      |      |      | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G117.5210 | 5.2  | 1.17 | 0.04 | 10 | 1   | 4.95 | 2.45 | 3.8  | 13  | 5                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G117.5215 |      |      |      | 15 |     |      |      |      | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G117.5220 |      |      |      | 20 |     |      |      |      | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G117.5225 |      |      |      | 25 |     |      |      |      | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G117.5230 |      |      |      | 30 |     |      |      |      | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G117.5235 |      |      |      | 35 |     |      |      |      | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G157.5210 | 5.2  | 1.57 | 0.04 | 10 | 1   | 4.95 | 2.45 | 3.8  | 13  | 5                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G157.5215 |      |      |      | 15 |     |      |      |      | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G157.5220 |      |      |      | 20 |     |      |      |      | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G157.5225 |      |      |      | 25 |     |      |      |      | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G157.5230 |      |      |      | 30 |     |      |      |      | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |

内孔槽刀 Internal grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

卡簧槽专用  
For circlip grooves

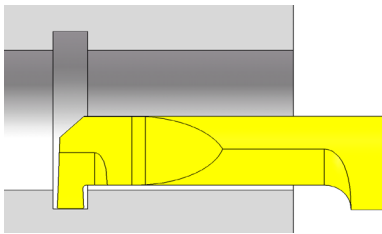
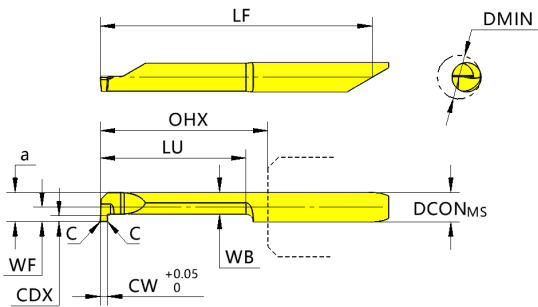
●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number  | DMIN | CW   | C    | LU | CDX | a    | WF   | WB  | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|------|------|----|-----|------|------|-----|-----|--------------------|-------|----------|------|-----|
|                  |      |      |      |    |     |      |      |     |     |                    |       | TA61     | TD61 | M6  |
| R/LSC5.G198.5210 | 5.2  | 1.98 | 0.04 | 10 | 1   | 4.95 | 2.45 | 3.8 | 13  | 5                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G198.5215 |      |      |      | 15 |     |      |      |     | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G198.5220 |      |      |      | 20 |     |      |      |     | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G198.5225 |      |      |      | 25 |     |      |      |     | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.G198.5230 |      |      |      | 30 |     |      |      |     | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G078.6210 | 6.2  | 0.78 | 0.04 | 10 | 1.8 | 5.95 | 2.95 | 4   | 13  | 6                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G078.6215 |      |      |      | 15 |     |      |      |     | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G078.6220 |      |      |      | 20 |     |      |      |     | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G078.6225 |      |      |      | 25 |     |      |      |     | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G078.6230 |      |      |      | 30 |     |      |      |     | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G078.6235 |      |      |      | 35 |     |      |      |     | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G117.6210 | 6.2  | 1.17 | 0.04 | 10 | 1.8 | 5.95 | 2.95 | 4   | 13  | 6                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G117.6215 |      |      |      | 15 |     |      |      |     | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G117.6220 |      |      |      | 20 |     |      |      |     | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G117.6225 |      |      |      | 25 |     |      |      |     | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G117.6230 |      |      |      | 30 |     |      |      |     | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G117.6235 |      |      |      | 35 |     |      |      |     | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G117.6240 |      |      |      | 40 |     |      |      |     | 43  |                    | 62.25 | ●/●      | ●/●  | ●/● |

内孔槽刀 Internal grooving

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

卡簧槽专用  
For circlip grooves

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

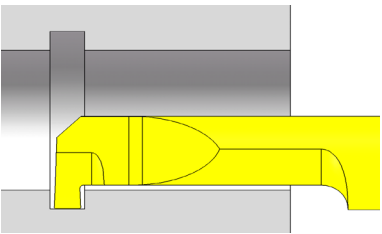
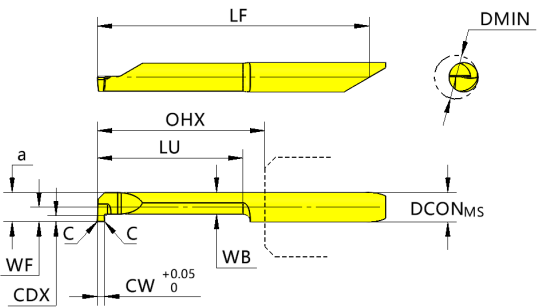
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| 型号 Order Number  | DMIN | CW   | C    | LU | CDX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|------|------|----|-----|------|------|------|-----|--------------------|-------|----------|------|-----|
|                  |      |      |      |    |     |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| R/LSC6.G157.6210 | 6.2  | 1.57 | 0.04 | 10 | 1.8 | 5.95 | 2.95 | 4    | 13  | 6                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G157.6215 |      |      |      | 15 |     |      |      |      | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G157.6220 |      |      |      | 20 |     |      |      |      | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G157.6225 |      |      |      | 25 |     |      |      |      | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G157.6230 |      |      |      | 30 |     |      |      |      | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G157.6235 |      |      |      | 35 |     |      |      |      | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G157.6240 |      |      |      | 40 |     |      |      |      | 43  |                    | 62.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G198.6210 | 6.2  | 1.98 | 0.04 | 10 | 1.8 | 5.95 | 2.95 | 4    | 13  | 6                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G198.6215 |      |      |      | 15 |     |      |      |      | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G198.6225 |      |      |      | 25 |     |      |      |      | 23  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.G198.6235 |      |      |      | 35 |     |      |      |      | 28  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G078.7210 | 7.2  | 0.78 | 0.04 | 10 | 2.5 | 6.95 | 3.45 | 4.30 | 13  | 7                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G078.7215 |      |      |      | 15 |     |      |      |      | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G078.7220 |      |      |      | 20 |     |      |      |      | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G078.7225 |      |      |      | 25 |     |      |      |      | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G078.7230 |      |      |      | 30 |     |      |      |      | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G078.7235 |      |      |      | 35 |     |      |      |      | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G078.7240 |      |      |      | 40 |     |      |      |      | 43  |                    | 62.25 | ●/●      | ●/●  | ●/● |

内孔槽刀 Internal grooving

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

卡簧槽专用  
For circlip grooves

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

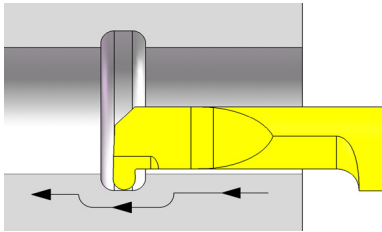
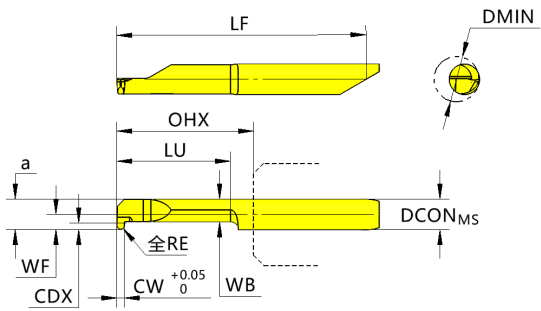
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| 型号 Order Number  | DMIN | CW   | C    | LU | CDX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|------|------|----|-----|------|------|------|-----|--------------------|-------|----------|------|-----|
|                  |      |      |      |    |     |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| R/LSC7.G117.7210 | 7.2  | 1.17 | 0.04 | 10 | 2.5 | 6.95 | 3.45 | 4.30 | 13  | 7                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G117.7215 |      |      |      | 15 |     |      |      |      | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G117.7220 |      |      |      | 20 |     |      |      |      | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G117.7225 |      |      |      | 25 |     |      |      |      | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G117.7230 |      |      |      | 30 |     |      |      |      | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G117.7235 |      |      |      | 35 |     |      |      |      | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G117.7240 |      |      |      | 40 |     |      |      |      | 43  |                    | 62.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G157.7210 | 7.2  | 1.57 | 0.04 | 10 | 2.5 | 6.95 | 3.45 | 4.30 | 13  | 7                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G157.7215 |      |      |      | 15 |     |      |      |      | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G157.7220 |      |      |      | 20 |     |      |      |      | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G157.7225 |      |      |      | 25 |     |      |      |      | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G157.7230 |      |      |      | 30 |     |      |      |      | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G157.7235 |      |      |      | 35 |     |      |      |      | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G157.7240 |      |      |      | 40 |     |      |      |      | 43  |                    | 62.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G198.7210 | 7.2  | 1.98 | 0.04 | 10 | 2.5 | 6.95 | 3.45 | 4.30 | 13  | 7                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G198.7215 |      |      |      | 15 |     |      |      |      | 18  |                    | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G198.7220 |      |      |      | 20 |     |      |      |      | 23  |                    | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G198.7225 |      |      |      | 25 |     |      |      |      | 28  |                    | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G198.7230 |      |      |      | 30 |     |      |      |      | 33  |                    | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.G198.7235 |      |      |      | 35 |     |      |      |      | 38  |                    | 57.25 | ●/●      | ●/●  | ●/● |

内孔槽刀 Internal grooving

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手

Right hand shown

圆弧槽刀  
Full radius

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

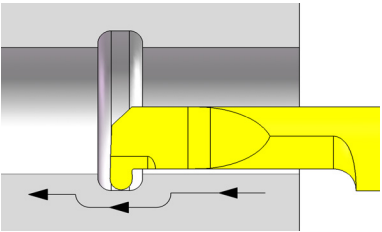
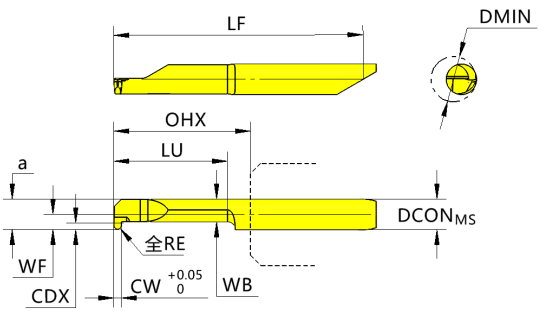
| 型号 Order Number  | DMIN | CW  | RE   | LU | CDX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|-----|------|----|-----|------|------|------|-----|--------------------|-------|----------|------|-----|
|                  |      |     |      |    |     |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| R/LSC4.R100.4215 | 4.2  | 1   | 0.5  | 15 | 0.8 | 3.95 | 1.95 | 2.95 | 18  | 4                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.R100.5220 | 5.2  | 1   | 0.5  | 20 | 1   | 4.95 | 2.45 | 3.75 | 23  | 5                  | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.R150.5220 | 5.2  | 1.5 | 0.75 |    |     |      |      |      |     |                    |       | ●/●      | ●/●  | ●/● |
| R/LSC5.R200.5220 | 5.2  | 2   | 1    |    |     |      |      |      |     |                    |       | ●/●      | ●/●  | ●/● |
| R/LSC6.R100.6225 | 6.2  | 1   | 0.5  | 25 | 1.8 | 5.95 | 2.95 | 3.95 | 28  | 6                  | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.R150.6225 | 6.2  | 1.5 | 0.75 |    |     |      |      |      |     |                    |       | ●/●      | ●/●  | ●/● |
| R/LSC6.R200.6225 | 6.2  | 2   | 1    |    |     |      |      |      |     |                    |       | ●/●      | ●/●  | ●/● |
| R/LSC7.R100.7230 | 7.2  | 1   | 0.5  | 30 | 2.5 | 6.95 | 3.45 | 4.30 | 33  | 7                  | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.R150.7230 | 7.2  | 1.5 | 0.75 |    |     |      |      |      |     |                    |       | ●/●      | ●/●  | ●/● |
| R/LSC7.R200.7230 | 7.2  | 2   | 1    |    |     |      |      |      |     |                    |       | ●/●      | ●/●  | ●/● |

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内孔槽刀 Internal grooving

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手

Right hand shown

圆弧槽刀  
Full radius

卡簧槽专用  
For circlip grooves

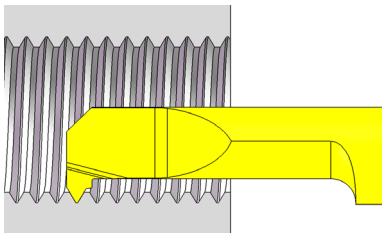
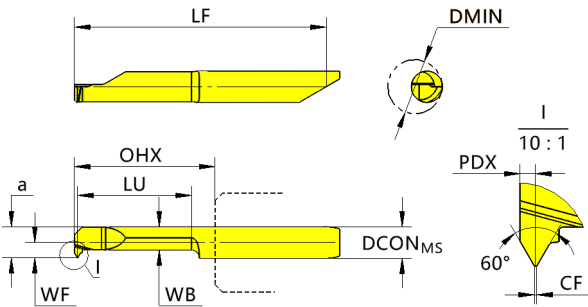
●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number  | DMIN | CW   | RE   | LU | CDX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|------|------|----|-----|------|------|------|-----|--------------------|-------|----------|------|-----|
|                  |      |      |      |    |     |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| R/LSC4.R058.4215 | 4.2  | 1.17 | 0.58 | 15 | 0.8 | 3.95 | 1.95 | 2.95 | 18  | 4                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.R058.5220 | 5.2  | 1.17 | 0.58 | 20 | 1   | 4.95 | 2.45 | 3.75 | 23  | 5                  | 42.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.R081.5220 |      | 1.63 | 0.81 |    |     |      |      |      |     |                    |       | ●/●      | ●/●  | ●/● |
| R/LSC5.R099.5220 |      | 1.98 | 0.99 |    |     |      |      |      |     |                    |       | ●/●      | ●/●  | ●/● |
| R/LSC6.R058.6225 | 6.2  | 1.17 | 0.58 | 25 | 1.8 | 5.95 | 2.95 | 3.95 | 28  | 6                  | 47.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.R081.6225 |      | 1.63 | 0.81 |    |     |      |      |      |     |                    |       | ●/●      | ●/●  | ●/● |
| R/LSC6.R099.6225 |      | 1.98 | 0.99 |    |     |      |      |      |     |                    |       | ●/●      | ●/●  | ●/● |
| R/LSC7.R058.7230 | 7.2  | 1.17 | 0.58 | 30 | 2.5 | 6.95 | 3.45 | 4.25 | 33  | 7                  | 52.25 | ●/●      | ●/●  | ●/● |
| R/LSC7.R081.7230 |      | 1.63 | 0.81 |    |     |      |      |      |     |                    |       | ●/●      | ●/●  | ●/● |
| R/LSC7.R099.7230 |      | 1.98 | 0.99 |    |     |      |      |      |     |                    |       | ●/●      | ●/●  | ●/● |

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| S |   | ▲ |   |
| H |   | △ |   |

内孔螺纹刀 Internal threading

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

公制 ISO 60° 范围牙型  
Metric ISO 60° Partial profile

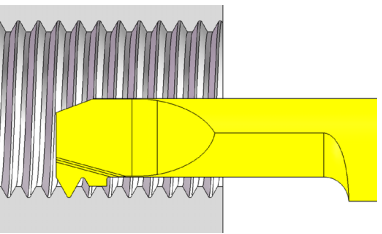
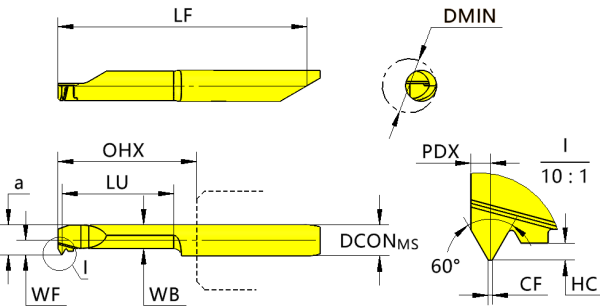
●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number    | DMIN | LU   | TP   | TPX  | PDX  | CF   | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|--------------------|------|------|------|------|------|------|------|------|------|-----|--------------------|-------|----------|------|-----|
|                    |      |      |      |      |      |      |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| RSC4.H040VM.1505   | 1.57 | 5.1  | 0.4  | -    | 0.20 | 0.05 | 1.4  | 1.95 | 0.98 | 13  | 4                  | 27.25 | ●/●      | ●/●  | ●/● |
| RSC4.H050VM.2407   | 2.46 | 7.6  | 0.5  | -    | 0.24 | 0.06 | 2.2  | 1.95 | 1.73 | 13  | 4                  | 27.25 | ●/●      | ●/●  | ●/● |
| RSC4.H070VM.3215   | 3.24 | 15.2 | 0.7  | -    | 0.32 | 0.08 | 2.95 | 1.95 | 2.37 | 18  | 4                  | 32.25 | ●/●      | ●/●  | ●/● |
| RSC4.H080VM.3915   | 3.9  | 15.2 | 0.8  | 1    | 0.45 | 0.10 | 3.65 | 1.95 | 2.70 | 18  | 4                  | 32.25 | ●/●      | ●/●  | ●/● |
| R/LSC4.H050VM.4215 | 4.2  | 15   | 0.5  | 0.7  | 0.4  | 0.06 | 3.95 | 1.95 | 3    | 18  | 4                  | 32.25 | ●/●      | ●/●  | ●/● |
| RSC5.H050VM.5215   | 5.2  | 15   | 0.5  | 0.75 | 0.4  | 0.06 | 4.95 | 2.45 | 3.75 | 18  | 5                  | 37.25 | ●/●      | ●/●  | ●/● |
| RSC5.H070VM.5115   | 5.1  | 15   | 0.7  | 1    | 0.45 | 0.09 | 4.85 | 2.40 | 3.65 | 18  | 5                  | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC5.H100VM.4815 | 4.8  | 15   | 1    | 1.25 | 0.55 | 0.12 | 4.55 | 2.25 | 3.55 | 18  | 5                  | 37.25 | ●/●      | ●/●  | ●/● |
| RSC6.H100VM.6215   | 6.2  | 15   | 1    | 1.25 | 0.60 | 0.12 | 5.95 | 2.95 | 3.95 | 18  | 6                  | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.H125VM.6215 | 6.2  | 15   | 1.25 | 1.5  | 0.65 | 0.14 | 5.95 | 2.95 | 3.95 | 18  | 6                  | 37.25 | ●/●      | ●/●  | ●/● |
| R/LSC6.H150VM.6215 | 6.2  | 15   | 1.5  | 1.75 | 0.8  | 0.18 | 5.95 | 2.95 | 3.95 | 18  | 6                  | 37.25 | ●/●      | ●/●  | ●/● |

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| S |   | ▲ |   |
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内孔螺纹刀 Internal threading

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

公制 ISO 60°全牙型  
Metric ISO 60° Full profile

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

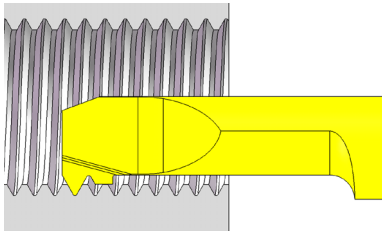
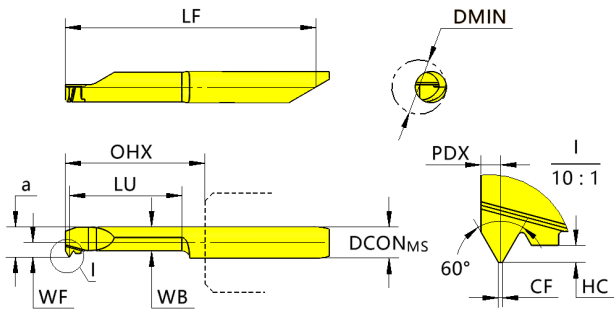
| 型号 Order Number  | DMIN | LU   | TP   | PDX  | HC    | CF   | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|------|------|------|-------|------|------|------|------|-----|--------------------|-------|----------|------|-----|
|                  |      |      |      |      |       |      |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| RSC4.H070MM.3215 | 3.2  | 15.2 | 0.7  | 0.45 | 0.379 | 0.08 | 2.95 | 1.95 | 2.35 | 18  | 4                  | 32.25 | ●/●      | ●/●  | ●/● |
| RSC4.H050MM.4215 | 4.2  | 15   | 0.5  | 0.4  | 0.271 | 0.06 | 3.9  | 1.9  | 3.5  | 18  | 4                  | 32.25 | ●/●      | ●/●  | ●/● |
| RSC4.H070MM.4215 | 4.2  | 15   | 0.7  | 0.5  | 0.379 | 0.08 | 3.9  | 1.9  | 3.2  | 18  | 4                  | 32.25 | ●/●      | ●/●  | ●/● |
| RSC4.H080MM.4015 | 4    | 15   | 0.8  | 0.5  | 0.433 | 0.1  | 3.75 | 1.85 | 3    | 18  | 4                  | 32.25 | ●/●      | ●/●  | ●/● |
| RSC5.H050MM.5215 | 5.2  | 15   | 0.5  | 0.4  | 0.271 | 0.06 | 4.95 | 2.45 | 4.45 | 18  | 5                  | 37.25 | ●/●      | ●/●  | ●/● |
| RSC5.H075MM.5115 | 5.1  | 15   | 0.75 | 0.5  | 0.406 | 0.09 | 4.85 | 2.4  | 4.15 | 18  | 5                  | 37.25 | ●/●      | ●/●  | ●/● |
| RSC5.H100MM.4815 | 4.8  | 15   | 1    | 0.6  | 0.541 | 0.12 | 4.45 | 2.25 | 3.55 | 18  | 5                  | 37.25 | ●/●      | ●/●  | ●/● |
| RSC6.H100MM.6215 | 6.2  | 15   | 1    | 0.6  | 0.541 | 0.12 | 5.95 | 2.95 | 4.95 | 18  | 6                  | 37.25 | ●/●      | ●/●  | ●/● |
| RSC6.H125MM.6215 | 6.2  | 15   | 1.25 | 0.7  | 0.677 | 0.15 | 5.95 | 2.95 | 4.8  | 18  | 6                  | 37.25 | ●/●      | ●/●  | ●/● |
| RSC6.H150MM.6215 | 6.2  | 15   | 1.5  | 0.8  | 0.812 | 0.18 | 5.95 | 2.95 | 4.5  | 18  | 6                  | 37.25 | ●/●      | ●/●  | ●/● |
| RSC6.H175MM.6215 | 6.2  | 15   | 1.75 | 0.9  | 0.947 | 0.21 | 5.95 | 2.95 | 4.3  | 18  | 6                  | 37.25 | ●/●      | ●/●  | ●/● |
| RSC6.H200MM.6215 | 6.2  | 15   | 2    | 1    | 1.083 | 0.25 | 5.95 | 2.95 | 4.1  | 18  | 6                  | 37.25 | ●/●      | ●/●  | ●/● |

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内孔螺纹刀 Internal threading

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

UN 60° 全牙型  
UN 60° Full profile

●: 库存品 on stock    1: 1周 1week    3: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

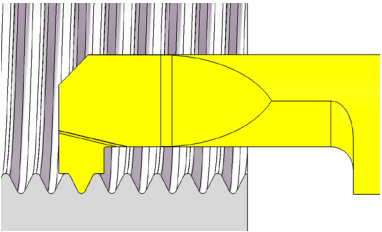
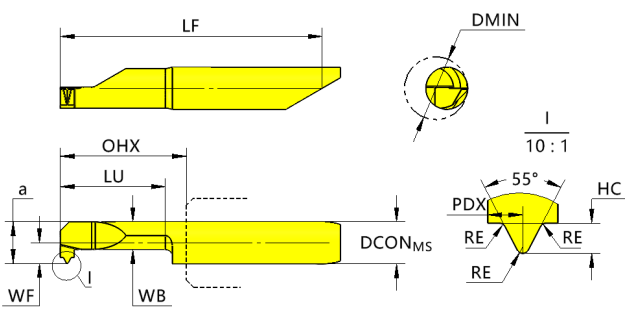
| 型号 Order Number  | DMIN | LU | TPI | PDX  | HC   | CF   | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|----|-----|------|------|------|------|------|------|-----|--------------------|-------|----------|------|-----|
|                  |      |    |     |      |      |      |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| RSC4.H320UN.4015 | 4    | 15 | 32  | 0.55 | 0.43 | 0.1  | 3.75 | 1.85 | 2.95 | 18  | 4                  | 32.25 | ●/●      | ●/1  | ●/● |
| RSC4.H280UN.4015 | 4    | 15 | 28  | 0.6  | 0.49 | 0.11 | 3.75 | 1.85 | 2.95 | 18  | 4                  | 32.25 | ●/●      | ●/1  | ●/● |
| RSC4.H240UN.4215 | 4.2  | 15 | 24  | 0.65 | 0.57 | 0.13 | 3.95 | 1.95 | 3.05 | 18  | 4                  | 32.25 | ●/●      | ●/1  | ●/● |
| RSC5.H200UN.5215 | 5.2  | 15 | 20  | 0.7  | 0.69 | 0.16 | 4.95 | 2.45 | 3.95 | 18  | 5                  | 37.25 | ●/●      | ●/1  | ●/● |
| RSC6.H180UN.6215 | 6.2  | 15 | 18  | 0.75 | 0.76 | 0.18 | 5.95 | 2.95 | 4.85 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| RSC6.H160UN.6215 | 6.2  | 15 | 16  | 0.80 | 0.86 | 0.2  | 5.95 | 2.95 | 4.75 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |

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内孔螺纹刀 Internal threading

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

WH 惠氏 55°全牙型  
Whitworth 55° Full profile (BSW, BSF, BSP)

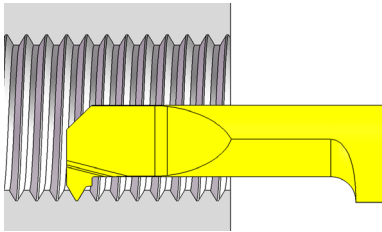
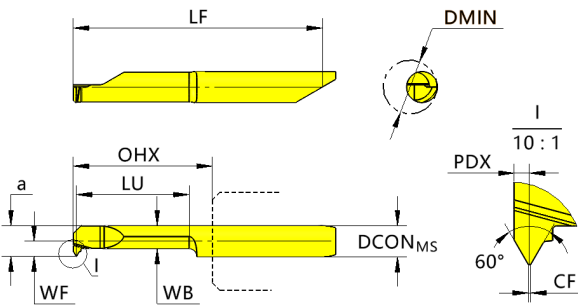
●: 库存品 on stock    1: 1周 1week    3: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number   | DMIN | LU | TPI | RE   | PDX | HC   | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|-------------------|------|----|-----|------|-----|------|------|------|------|-----|--------------------|-------|----------|------|-----|
|                   |      |    |     |      |     |      |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| RSC5.H28WH.5215   | 5.2  | 15 | 28  | 0.12 | 0.8 | 0.58 | 4.95 | 2.45 | 3.75 | 18  | 5                  | 37.25 | ●/●      | ●/1  | ●/● |
| RSC5.H26WH.5215   | 5.2  | 15 | 26  | 0.15 | 0.8 | 0.63 | 4.95 | 2.45 | 3.75 | 18  | 5                  | 37.25 | ●/●      | ●/1  | ●/● |
| RSC5.H24WH.5215   | 5.2  | 15 | 24  | 0.15 | 0.8 | 0.68 | 4.95 | 2.45 | 3.75 | 18  | 5                  | 37.25 | ●/●      | ●/1  | ●/● |
| RSC6.H28WH.6215   | 6.2  | 15 | 28  | 0.12 | 0.8 | 0.58 | 5.95 | 2.95 | 3.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| RSC6.H26WH.6215   | 6.2  | 15 | 26  | 0.13 | 0.8 | 0.63 | 5.95 | 2.95 | 3.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| RSC6.H24WH.6215   | 6.2  | 15 | 24  | 0.15 | 0.8 | 0.68 | 5.95 | 2.95 | 3.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| RSC6.H22WH.6215   | 6.2  | 15 | 22  | 0.16 | 1   | 0.74 | 5.95 | 2.95 | 3.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| RSC6.H20WH.6215   | 6.2  | 15 | 20  | 0.17 | 1   | 0.81 | 5.95 | 2.95 | 3.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC6.H19WH.6215 | 6.2  | 15 | 19  | 0.18 | 1   | 0.86 | 5.95 | 2.95 | 3.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |

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内孔螺纹刀 Internal threading

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

NPT 60°范围牙型  
NPT 60° Partial profile (NPSC, NPTR, LINE PIPE)

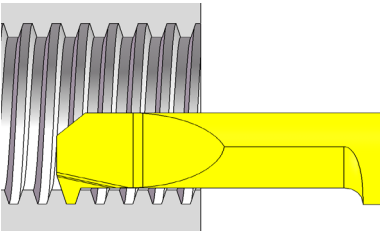
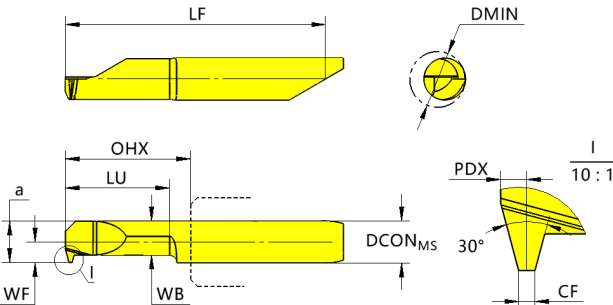
●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number   | DMIN | LU | TPI | PDX | CF   | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|-------------------|------|----|-----|-----|------|------|------|------|-----|--------------------|-------|----------|------|-----|
|                   |      |    |     |     |      |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| RSC6.H27NT.6215   | 6.2  | 15 | 27  | 0.8 | 0.07 | 5.95 | 2.95 | 4.25 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC6.H18NT.6215 | 6.2  | 15 | 18  | 1   | 0.1  | 5.95 | 2.95 | 3.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |

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内孔螺纹刀 Internal threading

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

ISO30°梯形螺纹  
Metric ISO 30° Trapezoidal

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

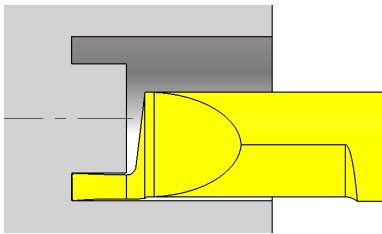
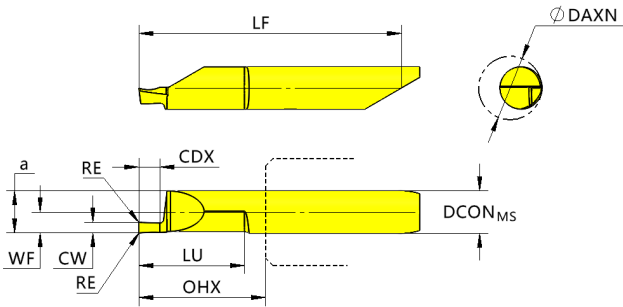
| 型号 Order Number  | DMIN | LU | TP  | PDX  | CF   | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|------------------|------|----|-----|------|------|------|------|------|-----|--------------------|-------|----------|------|-----|
|                  |      |    |     |      |      |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| RSC6.H150TR.6220 | 6.2  | 20 | 1.5 | 0.6  | 0.47 | 5.95 | 2.95 | 4.9  | 23  | 6                  | 42.25 | ●/●      | ●/1  | ●/● |
| RSC6.H200TR.6220 | 6.2  | 20 | 2   | 0.75 | 0.6  | 5.95 | 2.95 | 4.55 | 23  | 6                  | 42.25 | ●/●      | ●/1  | ●/● |
| RSC7.H300TR.7230 | 7.2  | 30 | 3   | 1.10 | 0.96 | 6.95 | 3.45 | 4.6  | 33  | 7                  | 52.25 | ●/●      | ●/1  | ●/● |

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端面槽刀 Face grooving

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

孔内端面槽刀  
Face grooving in bores

●: 库存品 on stock    1: 1周 1week    3: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

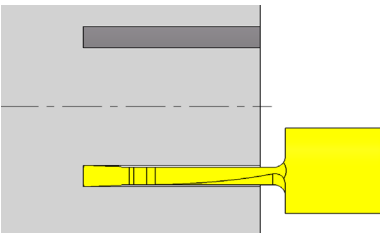
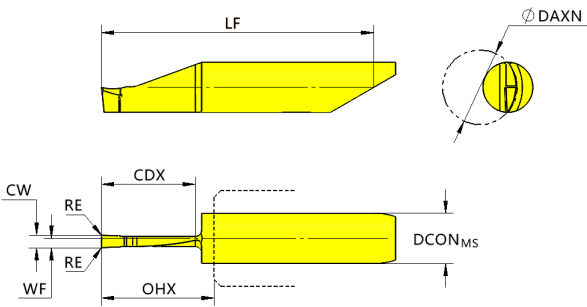
| 型号 Order Number   | DAXN | CW  | RE   | CDX | a    | LU | WF   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|-------------------|------|-----|------|-----|------|----|------|-----|--------------------|-------|----------|------|-----|
|                   |      |     |      |     |      |    |      |     |                    |       | TA61     | TD61 | M6  |
| R/LSC6.F100.6215A | 6.2  | 1   | 0.15 | 2   | 5.95 | 15 | 2.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC6.F150.6215A | 6.2  | 1.5 | 0.15 | 3   | 5.95 | 15 | 2.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC6.F200.6215A | 6.2  | 2   | 0.15 | 4   | 5.95 | 15 | 2.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC6.F250.6215A | 6.2  | 2.5 | 0.15 | 5   | 5.95 | 15 | 2.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC6.F300.6215A | 6.2  | 3   | 0.15 | 6   | 5.95 | 15 | 2.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |

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端面槽刀 Face grooving

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

大切深端面槽刀  
Deep face grooving

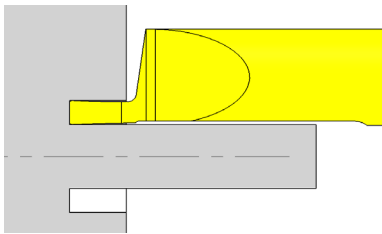
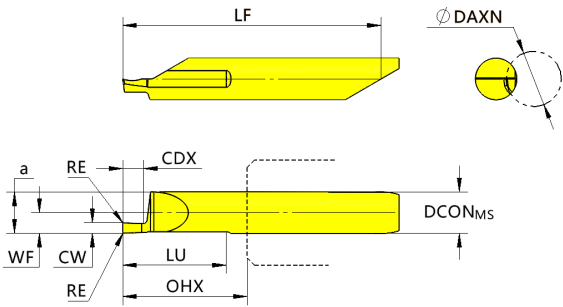
●: 库存品 on stock    1: 1周 1week    3: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number     | DAXN | CW  | RE  | CDX | WF   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|---------------------|------|-----|-----|-----|------|-----|--------------------|-------|----------|------|-----|
|                     |      |     |     |     |      |     |                    |       | TA61     | TD61 | M6  |
| R/LSC8.F200.8015A   | 15   | 2   | 0.2 | 15  | 1.57 | 20  | 8                  | 44.25 | ●/●      | ●/1  | ●/● |
| R/LSC8.F250.8010A   | 10   | 2.5 | 0.2 | 10  | 1.82 | 15  | 8                  | 39.25 | ●/●      | ●/1  | ●/● |
| R/LSC8.F300.8010A   | 10   | 3   | 0.2 | 10  | 2.07 | 15  | 8                  | 39.25 | ●/●      | ●/1  | ●/● |
| R/LSC8.F300.8015A   | 15   | 3   | 0.2 | 15  | 2.07 | 20  | 8                  | 44.25 | ●/●      | ●/1  | ●/● |
| R/LSC8.F400.8010A   | 10   | 4   | 0.2 | 10  | 2.49 | 15  | 8                  | 39.25 | ●/●      | ●/1  | ●/● |
| R/LSC8.F400.8015A   | 15   | 4   | 0.2 | 15  | 2.49 | 20  | 8                  | 44.25 | ●/●      | ●/1  | ●/● |
| R/LSC10.F300.10020A | 20   | 3   | 0.2 | 20  | 2.07 | 28  | 10                 | 52.25 | ●/●      | ●/1  | ●/● |
| R/LSC10.F300.10025A | 25   | 3   | 0.2 | 25  | 2.07 | 33  | 10                 | 57.25 | ●/●      | ●/1  | ●/● |
| R/LSC10.F300.10030A | 30   | 3   | 0.2 | 30  | 2.07 | 38  | 10                 | 62.25 | ●/●      | ●/1  | ●/● |
| R/LSC10.F400.10020A | 20   | 4   | 0.2 | 20  | 2.65 | 28  | 10                 | 52.25 | ●/●      | ●/1  | ●/● |
| R/LSC10.F400.10025A | 25   | 4   | 0.2 | 25  | 1.65 | 33  | 10                 | 57.25 | ●/●      | ●/1  | ●/● |
| R/LSC10.F400.10030A | 30   | 4   | 0.2 | 30  | 2.65 | 38  | 10                 | 62.25 | ●/●      | ●/1  | ●/● |
| R/LSC10.F500.10020A | 20   | 5   | 0.2 | 20  | 3.1  | 28  | 10                 | 52.25 | ●/●      | ●/1  | ●/● |
| R/LSC10.F500.10025A | 25   | 5   | 0.2 | 25  | 3.1  | 33  | 10                 | 57.25 | ●/●      | ●/1  | ●/● |
| R/LSC10.F500.10030A | 30   | 5   | 0.2 | 30  | 3.1  | 38  | 10                 | 62.25 | ●/●      | ●/1  | ●/● |

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端面槽刀 Face grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为左手  
Left hand shown

中心轴端面槽刀  
Face grooving on pivots

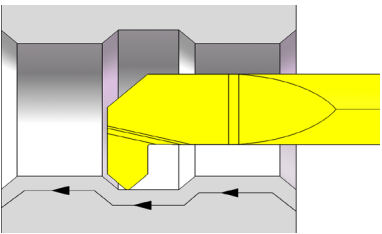
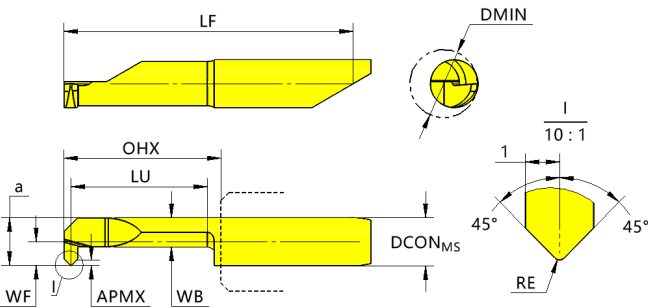
●: 库存品 on stock    1: 1周 1week    3: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number   | DAXN | CW  | RE   | CDX | a    | LU | WF   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|-------------------|------|-----|------|-----|------|----|------|-----|--------------------|-------|----------|------|-----|
|                   |      |     |      |     |      |    |      |     |                    |       | TA61     | TD61 | M6  |
| R/LSC6.F100.6215B | 6.2  | 1   | 0.15 | 2   | 5.95 | 15 | 2.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC6.F150.6215B | 6.2  | 1.5 | 0.15 | 3   | 5.95 | 15 | 2.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC6.F200.6215B | 6.2  | 2   | 0.15 | 4   | 5.95 | 15 | 2.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC6.F250.6215B | 6.2  | 2.5 | 0.15 | 5   | 5.95 | 15 | 2.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC6.F300.6215B | 6.2  | 3   | 0.15 | 6   | 5.95 | 15 | 2.95 | 18  | 6                  | 37.25 | ●/●      | ●/1  | ●/● |

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倒角刀 Chamfering

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

镗孔和倒角  
Boring and Chamfering

●: 库存品 on stock    1: 1周 1week    3: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

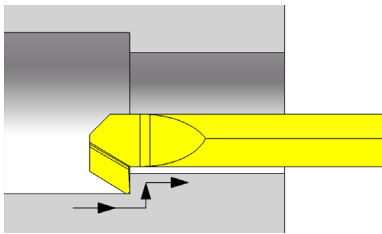
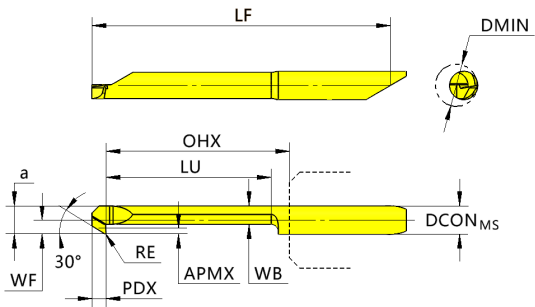
| 型号 Order Number     | DMIN | LU | RE  | APMX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |     |
|---------------------|------|----|-----|------|------|------|------|-----|--------------------|-------|----------|------|-----|
|                     |      |    |     |      |      |      |      |     |                    |       | TA61     | TD61 | M6  |
| R/LSC5.T045.20.5215 | 5.2  | 15 | 0.2 | 0.7  | 4.95 | 2.45 | 3.75 | 18  | 5                  | 37.25 | ●/●      | ●/1  | ●/● |
| R/LSC5.T045.20.5220 |      | 20 |     |      |      |      |      | 23  |                    | 42.25 | ●/●      | ●/1  | ●/● |
| R/LSC6.T045.20.6220 | 6.2  | 20 | 0.2 | 0.7  | 5.95 | 2.95 | 3.95 | 23  | 6                  | 42.25 | ●/●      | ●/1  | ●/● |
| R/LSC6.T045.20.6225 |      | 25 |     |      |      |      |      | 28  |                    | 47.25 | ●/●      | ●/1  | ●/● |
| R/LSC7.T045.20.7220 | 7.2  | 20 | 0.2 | 0.7  | 6.95 | 3.45 | 4.25 | 23  | 7                  | 42.25 | ●/●      | ●/1  | ●/● |
| R/LSC7.T045.20.7240 |      | 40 |     |      |      |      |      | 43  |                    | 62.25 | ●/●      | ●/1  | ●/● |

|   |   |   |   |
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| K |   |   |   |
| N |   |   | ▲ |
| S |   | ▲ |   |
| H |   | △ |   |

背镗刀 Back boring

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

内孔背镗刀  
Back boring

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

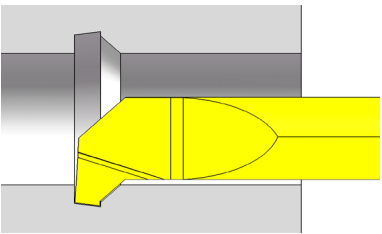
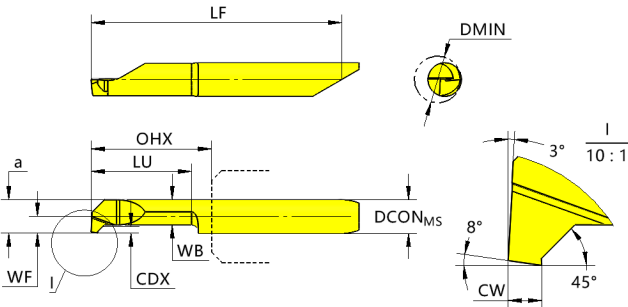
|   |   |   |   |
|---|---|---|---|
| P | ▲ |   |   |
| M | ▲ | ▲ |   |
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| S |   | ▲ |   |
| H |   | △ |   |

| 型号 Order Number   | DMIN | LU   | RE   | APMX | PDX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |      |    |
|-------------------|------|------|------|------|-----|------|------|------|-----|--------------------|-------|----------|------|----|
|                   |      |      |      |      |     |      |      |      |     |                    |       | TA61     | TD61 | M6 |
| RSC4.B090.15.4225 | 4.2  | 23.4 | 0.15 | 0.8  | 2   | 3.95 | 1.95 | 2.6  | 26  | 4                  | 42.25 | ●        | ●    | ●  |
| RSC5.B090.15.5230 | 5.2  | 28.5 | 0.2  | 1    | 2   | 4.95 | 2.45 | 3.8  | 31  | 5                  | 52.25 | ●        | ●    | ●  |
| RSC6.B090.15.6230 | 6.2  | 28.5 | 0.2  | 1.8  | 2   | 5.95 | 2.95 | 4    | 31  | 6                  | 52.25 | ●        | ●    | ●  |
| RSC7.B090.15.7230 | 7.2  | 27.5 | 0.2  | 2.5  | 3   | 6.95 | 3.45 | 4.10 | 30  | 7                  | 52.25 | ●        | ●    | ●  |

预切断刀 Pre-parting off

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

内孔预切断，切断前内孔倒角，避免切断毛刺  
Pre-cutting-off

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

|   |   |   |   |
|---|---|---|---|
| P | ▲ |   |   |
| M | ▲ | ▲ |   |
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| N |   |   | ▲ |
| S |   | ▲ |   |
| H |   | △ |   |

| 型号 Order Number  | DMIN | CW | LU | CDX | a    | WF   | WB   | OHX | DCON <sub>MS</sub> | LF    | 库存 Stock |          |     |
|------------------|------|----|----|-----|------|------|------|-----|--------------------|-------|----------|----------|-----|
|                  |      |    |    |     |      |      |      |     |                    |       | TA61     | TD61     | M6  |
| R/LSC5.X100.5215 | 5.2  | 1  | 15 | 0.7 | 4.95 | 2.45 | 3.75 | 18  | 5                  | 37.25 | ●/●      | 1周 1week | ●/● |
| RSC5.X100.5220   |      |    | 20 |     |      |      |      | 23  |                    | 42.25 | ●        | 1周 1week | ●   |
| R/LSC5.X100.5225 |      |    | 25 |     |      |      |      | 28  |                    | 47.25 | ●/●      | 1周 1week | ●/● |
| RSC5.X100.5230   |      |    | 30 |     |      |      |      | 33  |                    | 52.25 | ●        | 1周 1week | ●   |



插刀

- 一次装夹加工轴向轮廓，键槽，花键等。
- 缩短加工时间。
- 提高设备利用率。
- 车床，加工中心和插床均可使用。
- 针对实际工况订制。

Broaching

- Machine keyway, subline with once fixing.
- Lower machining time.
- Lower machine set time.
- Suitable for lathe, machining center and broaching machine.
- Customized upon request.



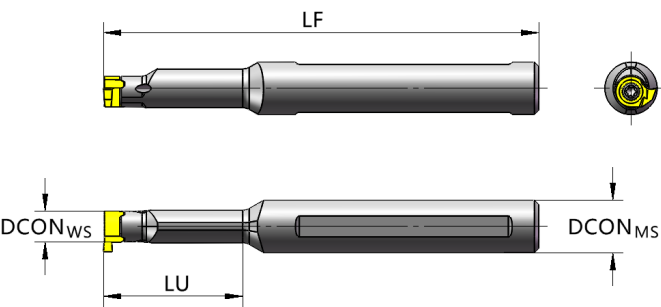
Boring Medium 系列

- 高精度内径切削系列
- 极高的锋利度和刃口质量
- 极小切削力和被加工粗糙度
- 超过100款类型的标准品库存

Boring Medium series

- High-precision inner diameter cutting series
- Extremely high sharpness and edge quality
- Minimal cutting force and roughness to be machined
- More than 100 types of standard products are in stock

BM07系列刀杆 BM07 Holder



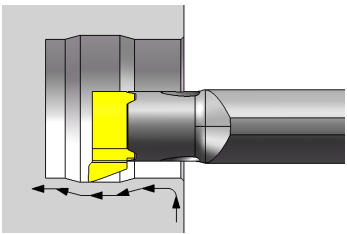
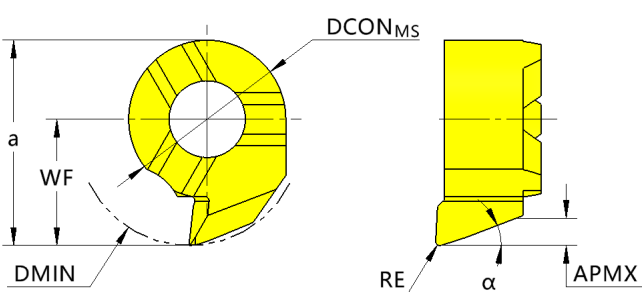
 BMB07.A××.××钢刀杆  
BMB07.A××.××Steel holder  
  
BMB07.E××.××硬质合金刀杆  
BMB07.E××.××Tungsten carbide holder  
  
最小加工孔径（DMIN）见刀片页面。  
Bore Ø from the inserts pages.

公制内冷刀杆  
Holder in Metric with internal coolant

●: 库存品 on stock    1周 1week    3周 3weeks

| 型号 Order Number | DCON <sub>MS</sub> | LU | LF  | DCON <sub>WS</sub> | 螺钉 Screw | 扳手 Wrench | 库存 Stock |
|-----------------|--------------------|----|-----|--------------------|----------|-----------|----------|
| BMB07.A16.16    | 16                 | 16 | 97  | 07                 | M3-10-T8 | T8-Q      | ●        |
| BMB07.A16.24    | 16                 | 24 | 97  | 07                 | M3-10-T8 | T8-Q      | ●        |
| BMB07.E12.24    | 12                 | 24 | 92  | 07                 | M3-10-T8 | T8-Q      | ●        |
| BMB07.E12.32    | 12                 | 32 | 100 | 07                 | M3-10-T8 | T8-Q      | ●        |
| BMB07.E12.48    | 12                 | 48 | 115 | 07                 | M3-10-T8 | T8-Q      | ●        |
| BMB07.E12.64    | 12                 | 64 | 130 | 07                 | M3-10-T8 | T8-Q      | ●        |

BM07系列镗孔刀 BM07 Boring



图示为右手  
Right hand shown

镗孔刀  
Boring tools

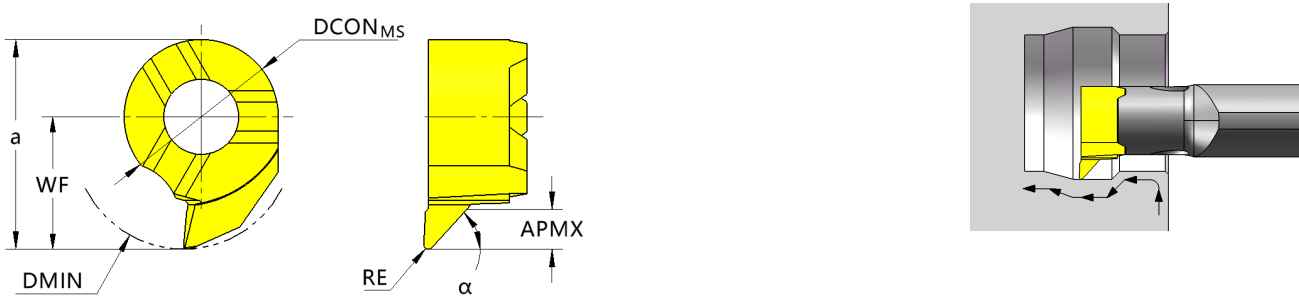
●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

|   |   |   |   |
|---|---|---|---|
| P | ▲ |   |   |
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| S |   | ▲ |   |
| H |   | △ |   |

| 型号 Order Number    | DMIN | α   | RE  | APMX | a   | WF  | DCON <sub>MS</sub> | 库存 Stock |          |     |
|--------------------|------|-----|-----|------|-----|-----|--------------------|----------|----------|-----|
|                    |      |     |     |      |     |     |                    | TA51     | TD51     | M5  |
| R/LBM07.093.02.10  | 10   | 18° | 0.2 | 1.8  | 9.1 | 5.6 | 07                 | ●/●      | 1周 1week | ●/● |
| R/LBM07.093.A02.10 | 10   | 10° | 0.2 | 1.8  | 9.1 | 5.6 | 07                 | ●/●      | 1周 1week | ●/● |

BM07系列镗孔刀 BM07 Boring

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

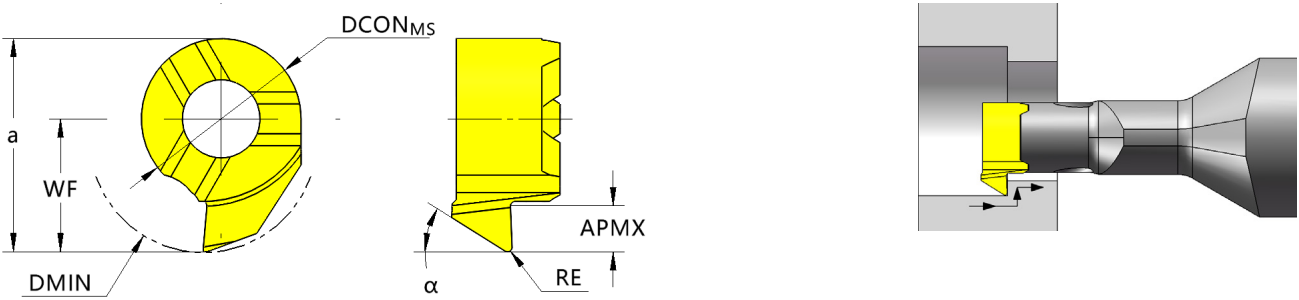
镗孔刀  
Boring tools

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number   | DMIN | α   | RE  | APMX | a   | WF  | DCON <sub>MS</sub> | 库存 Stock |      |     |
|-------------------|------|-----|-----|------|-----|-----|--------------------|----------|------|-----|
|                   |      |     |     |      |     |     |                    | TA51     | TD51 | M5  |
| R/LBM07.E93.02.10 | 10   | 47° | 0.2 | 1.8  | 9.3 | 5.8 | 07                 | ●/●      | ●/●  | ●/● |

BM07系列背镗孔刀 BM07 Back boring

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

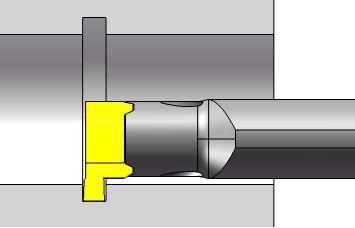
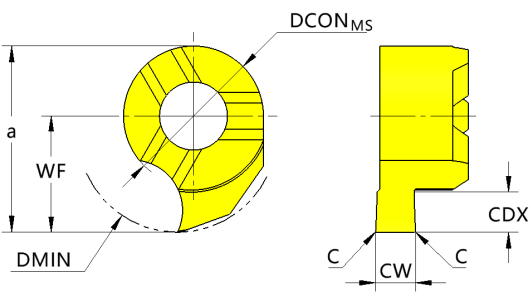
背镗孔刀  
Back boring

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number    | DMIN | α   | RE  | APMX | a    | WF  | DCON <sub>MS</sub> | 库存 Stock |      |     |
|--------------------|------|-----|-----|------|------|-----|--------------------|----------|------|-----|
|                    |      |     |     |      |      |     |                    | TA51     | TD51 | M5  |
| R/LBM07.B030.02.10 | 10   | 30° | 0.2 | 2.0  | 9.3  | 5.8 | 7                  | ●/●      | ●/●  | ●/● |
| R/LBM07.B030.02.11 | 11   | 30° | 0.2 | 2.6  | 10.3 | 6.8 | 7                  | ●/●      | ●/●  | ●/● |

BM07系列切槽刀 BM07 Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

切槽刀  
Grooving

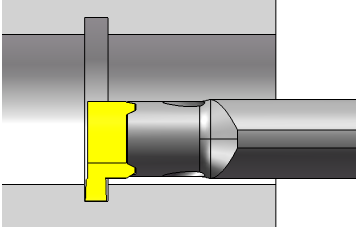
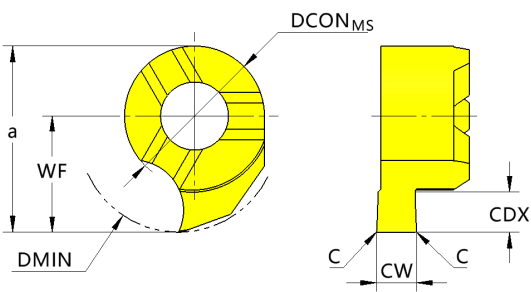
●: 库存品 on stock    1: 1周 1week    3: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number    | DMIN | CW   | C    | CDX | a    | WF  | DCON <sub>MS</sub> | 库存 Stock |      |     |
|--------------------|------|------|------|-----|------|-----|--------------------|----------|------|-----|
|                    |      |      |      |     |      |     |                    | TA51     | TD51 | M5  |
| R/LBM07.G100.00.10 | 10   | 1.00 | 0.04 | 1.8 | 9.3  | 5.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G100.00.11 | 11   | 1.00 | 0.04 | 2.8 | 10.3 | 6.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G100.00.12 | 12   | 1.00 | 0.04 | 3.1 | 10.9 | 7.4 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G150.00.10 | 10   | 1.50 | 0.04 | 1.8 | 9.3  | 5.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G150.00.11 | 11   | 1.50 | 0.04 | 2.8 | 10.3 | 6.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G150.00.12 | 12   | 1.50 | 0.04 | 3.4 | 10.9 | 7.4 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G200.00.10 | 10   | 2.00 | 0.04 | 1.8 | 9.3  | 5.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G200.00.11 | 11   | 2.00 | 0.04 | 2.8 | 10.3 | 6.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G200.00.12 | 12   | 2.00 | 0.04 | 3.4 | 10.9 | 7.4 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G250.00.10 | 10   | 2.50 | 0.04 | 1.8 | 9.3  | 5.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G250.00.11 | 11   | 2.50 | 0.04 | 2.8 | 10.3 | 6.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G300.00.10 | 10   | 3.00 | 0.04 | 1.8 | 9.3  | 5.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G300.00.11 | 11   | 3.00 | 0.04 | 2.8 | 10.3 | 6.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G318.00.10 | 10   | 3.18 | 0.04 | 1.8 | 9.3  | 5.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G318.00.11 | 11   | 3.18 | 0.04 | 2.8 | 10.3 | 6.8 | 07                 | ●/●      | ●/●  | ●/● |

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| S |   | ▲ |   |
| H |   | △ |   |

BM07系列切槽刀 BM07 Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

卡簧槽专用  
For circlip grooves

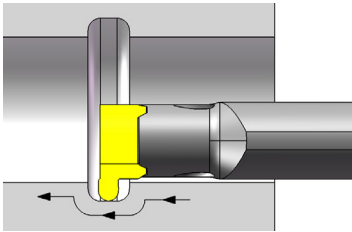
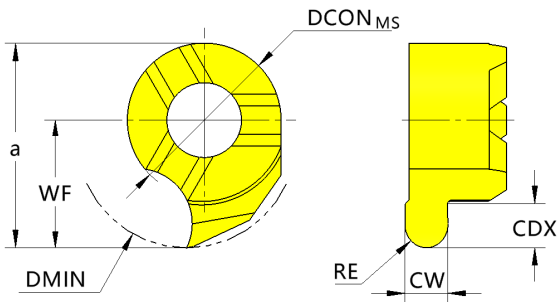
●: 库存品 on stock    1: 1周 1week    3: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number    | DMIN | CW   | C    | CDX | a   | WF  | DCON <sub>MS</sub> | 库存 Stock |      |     |
|--------------------|------|------|------|-----|-----|-----|--------------------|----------|------|-----|
|                    |      |      |      |     |     |     |                    | TA51     | TD51 | M5  |
| R/LBM07.G070.00.10 | 10   | 0.73 | 0.04 | 1.2 | 9.3 | 5.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G080.00.10 | 10   | 0.83 | 0.04 | 1.3 | 9.3 | 5.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G090.00.10 | 10   | 0.93 | 0.04 | 1.5 | 9.3 | 5.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G120.00.10 | 10   | 1.20 | 0.04 | 1.8 | 9.3 | 5.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G140.00.10 | 10   | 1.40 | 0.04 | 1.8 | 9.3 | 5.8 | 07                 | ●/●      | ●/●  | ●/● |
| R/LBM07.G170.00.10 | 10   | 1.70 | 0.04 | 1.8 | 9.3 | 5.8 | 07                 | ●/●      | ●/●  | ●/● |

|   |   |   |   |
|---|---|---|---|
| P | ▲ |   |   |
| M | ▲ | ▲ |   |
| K |   |   |   |
| N |   |   | ▲ |
| S |   | ▲ |   |
| H |   | △ |   |

BM07系列切槽刀 BM07 Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

圆弧槽刀  
Full radius

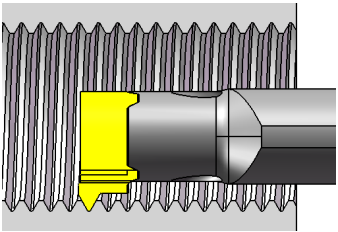
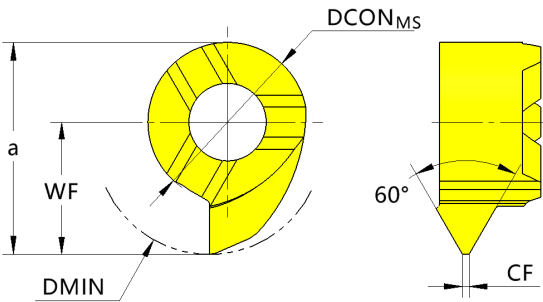
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number    | DMIN | CW  | RE  | CDX | a   | WF  | DCON <sub>MS</sub> | 库存 Stock |      |     |
|--------------------|------|-----|-----|-----|-----|-----|--------------------|----------|------|-----|
|                    |      |     |     |     |     |     |                    | TA51     | TD51 | M5  |
| R/LBM07.R080.04.10 | 10   | 0.8 | 0.4 | 1.8 | 9.3 | 5.8 | 07                 | ●/●      | ◐/◐  | ●/● |
| R/LBM07.R120.06.10 | 10   | 1.2 | 0.6 | 1.8 | 9.3 | 5.8 | 07                 | ●/●      | ◐/◐  | ●/● |
| R/LBM07.R180.09.10 | 10   | 1.8 | 0.9 | 1.8 | 9.3 | 5.8 | 07                 | ●/●      | ◐/◐  | ●/● |
| R/LBM07.R200.10.10 | 10   | 2.0 | 1.0 | 1.8 | 9.3 | 5.8 | 07                 | ●/●      | ◐/◐  | ●/● |

|   |   |   |   |
|---|---|---|---|
| P | ▲ |   |   |
| M | ▲ | ▲ |   |
| K |   |   |   |
| N |   |   | ▲ |
| S |   | ▲ |   |
| H |   | △ |   |

BM07系列螺纹刀 BM07 Threading

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

螺纹刀公制60°范围牙型  
Threading Metric ISO 60° Partial profile

●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

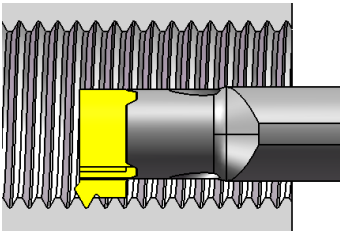
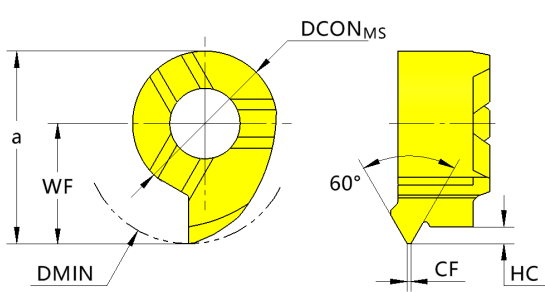
| 型号 Order Number   | DMIN | TP   | TPX  | CF  | a   | WF  | DCON <sub>MS</sub> | 库存 Stock |      |     |
|-------------------|------|------|------|-----|-----|-----|--------------------|----------|------|-----|
|                   |      |      |      |     |     |     |                    | TA51     | TD51 | M5  |
| R/LBM07.H050VM.10 | 10   | 0.50 | 0.75 | 0.1 | 9.3 | 5.8 | 07                 | ●/●      | ◐/◐  | ●/● |
| R/LBM07.H100VM.10 | 10   | 1.00 | 1.25 | 0.1 | 9.3 | 5.8 | 07                 | ●/●      | ◐/◐  | ●/● |
| R/LBM07.H150VM.10 | 10   | 1.50 | 1.75 | 0.2 | 9.3 | 5.8 | 07                 | ●/●      | ◐/◐  | ●/● |
| R/LBM07.H200VM.10 | 10   | 2.00 | 2.50 | 0.3 | 9.3 | 5.8 | 07                 | ●/●      | ◐/◐  | ●/● |
| R/LBM07.H250VM.10 | 10   | 2.50 | 3.00 | 0.3 | 9.3 | 5.8 | 07                 | ●/●      | ◐/◐  | ●/● |

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| H |   | △ |   |

BM07系列螺纹刀 BM07 Threading

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

螺纹刀公制60°全牙型  
Threading Metric ISO 60° Full profile

●: 库存品 on stock    1/2: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

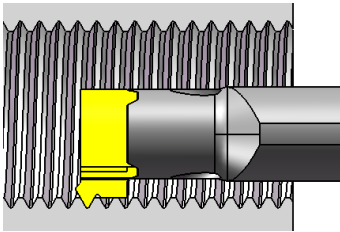
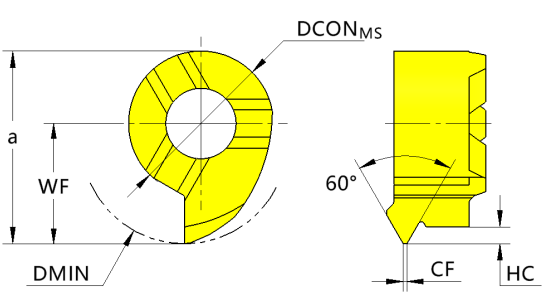
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|---|---|---|---|
| P | ▲ |   |   |
| M | ▲ | ▲ |   |
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| 型号 Order Number   | DMIN | TP   | HC   | CF   | a   | WF  | DCON <sub>MS</sub> | 库存 Stock |         |     |
|-------------------|------|------|------|------|-----|-----|--------------------|----------|---------|-----|
|                   |      |      |      |      |     |     |                    | TA51     | TD51    | M5  |
| R/LBM07.H050MM.10 | 10   | 0.50 | 0.27 | 0.06 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |
| R/LBM07.H100MM.10 | 10   | 1.00 | 0.54 | 0.12 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |
| R/LBM07.H150MM.10 | 10   | 1.50 | 0.81 | 0.19 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |
| R/LBM07.H175MM.10 | 10   | 1.75 | 0.95 | 0.22 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |
| R/LBM07.H200MM.10 | 10   | 2.00 | 1.08 | 0.25 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |
| R/LBM07.H250MM.10 | 10   | 2.50 | 1.35 | 0.31 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |

BM07系列螺纹刀 BM07 Threading

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

螺纹刀UN 60°全牙型  
Threading UN 60° Full profile

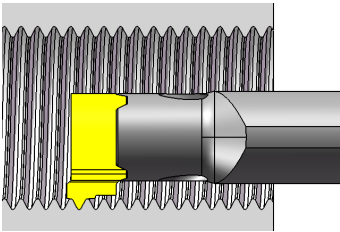
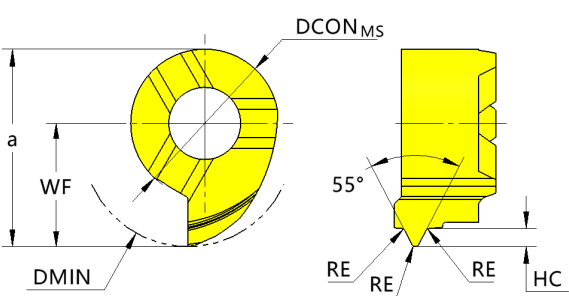
●: 库存品 on stock    1/2: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

|   |   |   |   |
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| 型号 Order Number   | DMIN | TPI | HC   | CF   | a   | WF  | DCON <sub>MS</sub> | 库存 Stock |         |     |
|-------------------|------|-----|------|------|-----|-----|--------------------|----------|---------|-----|
|                   |      |     |      |      |     |     |                    | TA51     | TD51    | M5  |
| R/LBM07.H320UN.10 | 10   | 32  | 0.42 | 0.10 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |
| R/LBM07.H280UN.10 | 10   | 28  | 0.49 | 0.11 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |
| R/LBM07.H240UN.10 | 10   | 24  | 0.57 | 0.13 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |
| R/LBM07.H200UN.10 | 10   | 20  | 0.68 | 0.15 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |
| R/LBM07.H180UN.10 | 10   | 18  | 0.76 | 0.17 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |
| R/LBM07.H160UN.10 | 10   | 16  | 0.86 | 0.19 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |
| R/LBM07.H140UN.10 | 10   | 14  | 0.98 | 0.22 | 9.3 | 5.8 | 07                 | ●/●      | 1/2/1/2 | ●/● |

BM07系列螺纹刀 BM07 Threading

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

螺纹刀惠氏55°全牙型  
Whitworth 55° Full profile (BSW, BSF, BSP)

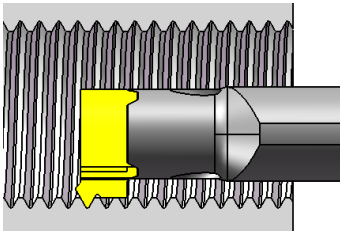
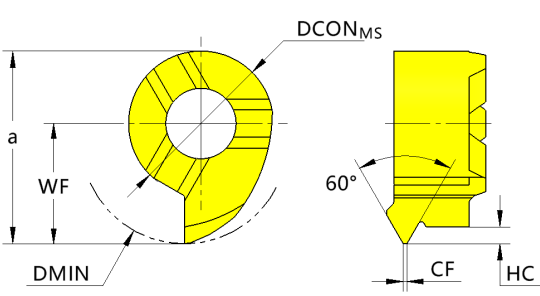
●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number   | DMIN | TPI | HC   | RE   | a   | WF  | DCON <sub>MS</sub> | 库存 Stock |          |     |
|-------------------|------|-----|------|------|-----|-----|--------------------|----------|----------|-----|
|                   |      |     |      |      |     |     |                    | TA51     | TD51     | M5  |
| R/LBM07.H190WH.10 | 10   | 19  | 0.85 | 0.18 | 9.3 | 5.8 | 07                 | ●/●      | 1周 1week | ●/● |
| R/LBM07.H140WH.10 | 10   | 14  | 1.16 | 0.24 | 9.3 | 5.8 | 07                 | ●/●      | 1周 1week | ●/● |
| R/LBM07.H110WH.10 | 10   | 11  | 1.48 | 0.31 | 9.3 | 5.8 | 07                 | ●/●      | 1周 1week | ●/● |

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| M | ▲ | ▲ |   |
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BM07系列螺纹刀 BM07 Threading

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

螺纹刀NPT 60°全牙型  
NPT 60° Full profile (NPSC, NPTR, LINE PIPE)

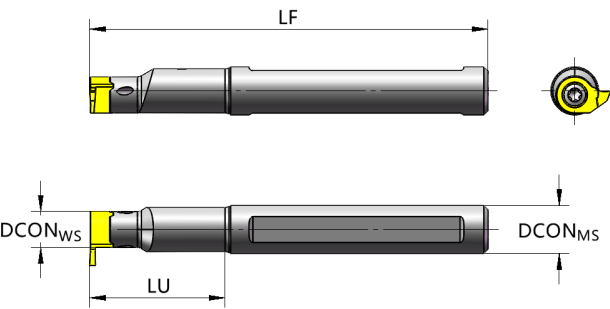
●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number   | DMIN | TPI | HC   | CF   | a   | WF  | DCON <sub>MS</sub> | 库存 Stock |          |     |
|-------------------|------|-----|------|------|-----|-----|--------------------|----------|----------|-----|
|                   |      |     |      |      |     |     |                    | TA51     | TD51     | M5  |
| R/LBM07.H180NT.10 | 10   | 18  | 1.19 | 0.05 | 9.3 | 5.8 | 07                 | ●/●      | 1周 1week | ●/● |
| R/LBM07.H140NT.10 | 10   | 14  | 1.48 | 0.07 | 9.3 | 5.8 | 07                 | ●/●      | 1周 1week | ●/● |

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BM09系列刀杆 BM09 Holder

CUTOUTIL TOOLS  
Precision Cutting Tools



 BMB09.A××.××钢刀杆  
BMB09.A××.××Steel holder  
  
BMB09.E××.××硬质合金刀杆  
BMB09.E××.××Tungsten carbide holder  
  
最小加工孔径（DMIN）见刀片页面。  
Bore  $\varnothing$  from the inserts pages.

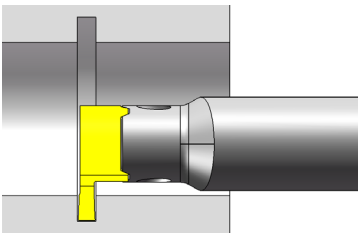
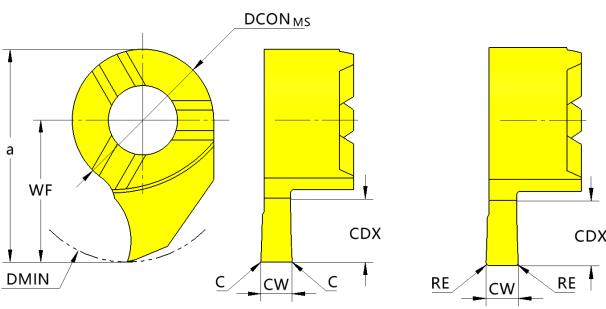
公制内冷刀杆  
Holder in Metric with internal coolant

●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks

| 型号 Order Number | DCON <sub>MS</sub> | LU | LF  | DCON <sub>WS</sub> | 螺钉 Screw  | 扳手 Wrench | 库存 Stock |
|-----------------|--------------------|----|-----|--------------------|-----------|-----------|----------|
| BMB09.A16.20    | 16                 | 20 | 100 | 09                 | M4-10-T15 | T15-Q     | ●        |
| BMB09.A16.34    | 16                 | 34 | 114 | 09                 | M4-10-T15 | T15-Q     | ●        |
| BMB09.E16.34    | 16                 | 34 | 100 | 09                 | M4-10-T15 | T15-Q     | ●        |
| BMB09.E16.45    | 16                 | 45 | 110 | 09                 | M4-10-T15 | T15-Q     | ●        |
| BMB09.E16.64    | 16                 | 64 | 130 | 09                 | M4-10-T15 | T15-Q     | ●        |

BM09系列切槽刀 BM09 Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

切槽刀  
Grooving

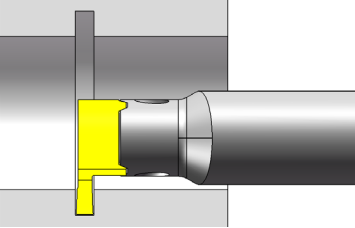
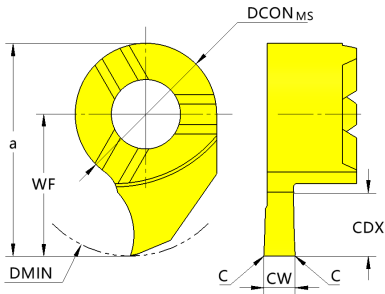
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

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| 型号 Order Number    | DMIN | CW   | C    | RE   | CDX | a    | WF   | DCON <sub>MS</sub> | 库存 Stock |      |     |
|--------------------|------|------|------|------|-----|------|------|--------------------|----------|------|-----|
|                    |      |      |      |      |     |      |      |                    | TA51     | TD51 | M5  |
| R/LBM09.G100.00.14 | 14   | 1.00 | 0.04 |      | 4   | 13.5 | 9    | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G150.00.14 | 14   | 1.50 | 0.04 |      | 4   | 13.5 | 9    | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G150.00.16 | 16   | 1.50 | 0.04 |      | 5.5 | 15   | 10.5 | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G150.00.17 | 17   | 1.50 | 0.04 |      | 6.5 | 16   | 11.5 | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G150.02.16 | 16   | 1.50 |      | 0.20 | 5.5 | 15   | 10.5 | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G200.00.14 | 14   | 2.00 | 0.04 |      | 4   | 13.5 | 9    | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G200.00.16 | 16   | 2.00 | 0.04 |      | 5.5 | 15   | 10.5 | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G200.00.17 | 17   | 2.00 | 0.04 |      | 6.5 | 16   | 11.5 | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G200.02.14 | 14   | 2.00 |      | 0.20 | 4   | 13.5 | 9    | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G200.02.16 | 16   | 2.00 |      | 0.20 | 5.5 | 15   | 10.5 | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G250.00.14 | 14   | 2.50 | 0.04 |      | 4   | 13.5 | 9    | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G250.00.16 | 16   | 2.50 | 0.04 |      | 5.5 | 15   | 10.5 | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G250.00.17 | 17   | 2.50 | 0.04 |      | 6.5 | 16   | 11.5 | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G250.02.16 | 16   | 2.50 |      | 0.20 | 5.5 | 15   | 10.5 | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G300.00.14 | 14   | 3.00 | 0.04 |      | 4   | 13.5 | 9    | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G300.00.16 | 16   | 3.00 | 0.04 |      | 5.5 | 15   | 10.5 | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G300.00.17 | 17   | 3.00 | 0.04 |      | 6.5 | 16   | 11.5 | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G300.02.16 | 16   | 3.00 |      | 0.20 | 5.5 | 15   | 10.5 | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G318.00.14 | 14   | 3.18 | 0.04 |      | 4   | 13.5 | 9    | 09                 | ●/●      | ◐/◐  | ●/● |

BM09系列切槽刀 BM09 Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

卡簧槽专用  
For circlip grooves

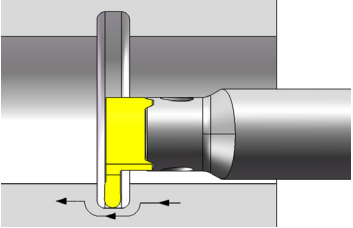
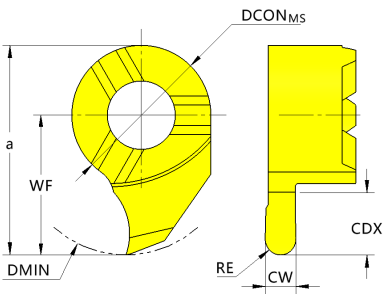
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number    | DMIN | CW   | C    | CDX  | a    | WF | DCON <sub>MS</sub> | 库存 Stock |      |     |
|--------------------|------|------|------|------|------|----|--------------------|----------|------|-----|
|                    |      |      |      |      |      |    |                    | TA51     | TD51 | M5  |
| R/LBM09.G070.00.14 | 14   | 0.73 | 0.04 | 1.20 | 13.5 | 9  | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G080.00.14 | 14   | 0.83 | 0.04 | 1.30 | 13.5 | 9  | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G090.00.14 | 14   | 0.93 | 0.04 | 1.50 | 13.5 | 9  | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G120.00.14 | 14   | 1.20 | 0.04 | 4.00 | 13.5 | 9  | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G140.00.14 | 14   | 1.40 | 0.04 | 4.00 | 13.5 | 9  | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.G170.00.14 | 14   | 1.70 | 0.04 | 4.00 | 13.5 | 9  | 09                 | ●/●      | ◐/◐  | ●/● |

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| S |   | ▲ |   |
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BM09系列切槽刀 BM09 Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

圆弧槽刀  
Full radius

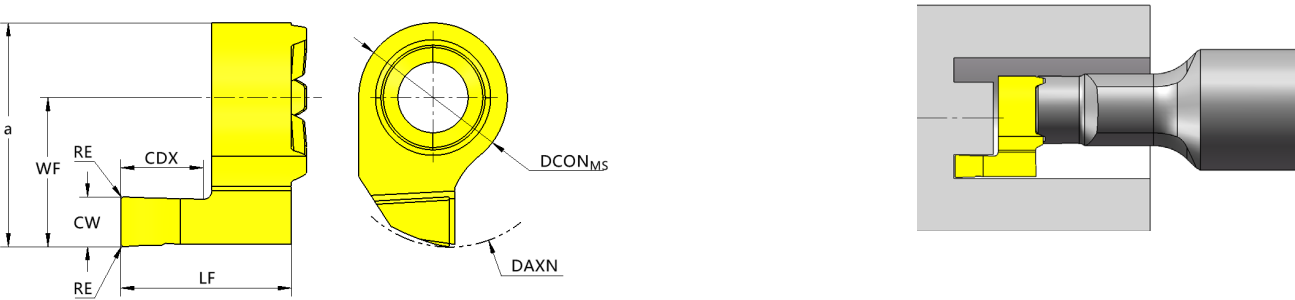
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number    | DMIN | CW  | RE  | CDX | a    | WF | DCON <sub>MS</sub> | 库存 Stock |      |     |
|--------------------|------|-----|-----|-----|------|----|--------------------|----------|------|-----|
|                    |      |     |     |     |      |    |                    | TA51     | TD51 | M5  |
| R/LBM09.R080.04.14 | 14   | 0.8 | 0.4 | 4   | 13.5 | 9  | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.R120.06.14 | 14   | 1.2 | 0.6 | 4   | 13.5 | 9  | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.R180.09.14 | 14   | 1.8 | 0.9 | 4   | 13.5 | 9  | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.R200.10.14 | 14   | 2.0 | 1.0 | 4   | 13.5 | 9  | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.R220.11.14 | 14   | 2.2 | 1.1 | 4   | 13.5 | 9  | 09                 | ●/●      | ◐/◐  | ●/● |
| R/LBM09.R300.15.14 | 14   | 3.0 | 1.5 | 4   | 13.5 | 9  | 09                 | ●/●      | ◐/◐  | ●/● |

|   |   |   |   |
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| S |   | ▲ |   |
| H |   | △ |   |

BM09系列端面槽刀 BM09 Face Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

孔内端面槽刀  
Face grooving in bores

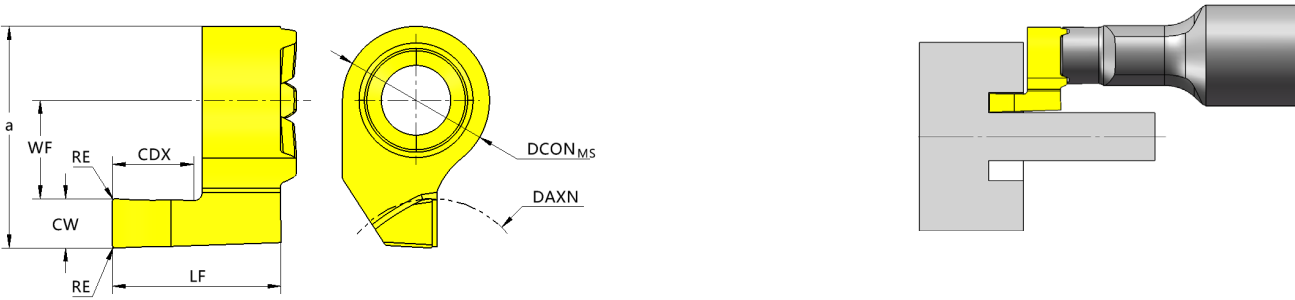
●: 库存品 on stock    1: 1周 1week    3: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number     | DAXN | CW   | RE   | CDX | a    | WF | DCON <sub>M5</sub> | LF   | 库存 Stock |      |     |
|---------------------|------|------|------|-----|------|----|--------------------|------|----------|------|-----|
|                     |      |      |      |     |      |    |                    |      | TA51     | TD51 | M5  |
| R/LBM09.FA100.00.14 | 14   | 1.00 | 0    | 1.5 | 13.5 | 9  | 09                 | 8.3  | ●/●      | ●/●  | ●/● |
| R/LBM09.FA150.02.14 | 14   | 1.50 | 0.20 | 2.5 | 13.5 | 9  | 09                 | 8.3  | ●/●      | ●/●  | ●/● |
| R/LBM09.FA200.02.14 | 14   | 2.00 | 0.20 | 5.0 | 13.5 | 9  | 09                 | 10.3 | ●/●      | ●/●  | ●/● |
| R/LBM09.FA250.02.14 | 14   | 2.50 | 0.20 | 5.0 | 13.5 | 9  | 09                 | 10.3 | ●/●      | ●/●  | ●/● |
| R/LBM09.FA300.02.14 | 14   | 3.00 | 0.20 | 5.0 | 13.5 | 9  | 09                 | 10.3 | ●/●      | ●/●  | ●/● |
| R/LBM09.FA318.02.14 | 14   | 3.18 | 0.20 | 5.0 | 13.5 | 9  | 09                 | 10.3 | ●/●      | ●/●  | ●/● |

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BM09系列端面槽刀 BM09 Face Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

中心轴端面槽刀  
Face grooving on pivots

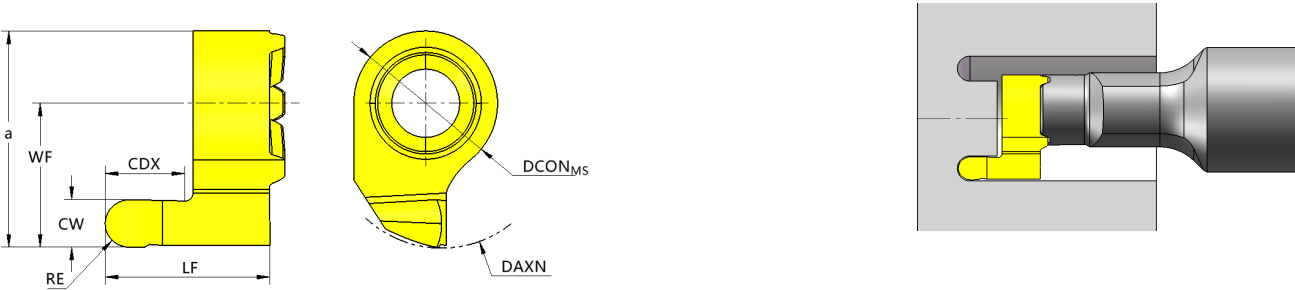
●: 库存品 on stock    1: 1周 1week    3: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number     | DAXN | CW   | RE   | CDX | a     | WF | DCON <sub>M5</sub> | LF   | 库存 Stock |      |     |
|---------------------|------|------|------|-----|-------|----|--------------------|------|----------|------|-----|
|                     |      |      |      |     |       |    |                    |      | TA51     | TD51 | M5  |
| R/LBM09.FB100.00.14 | 12   | 1.00 | 0    | 1.5 | 10    | 6  | 09                 | 8.3  | ●/●      | ●/●  | ●/● |
| R/LBM09.FB150.02.14 | 12   | 1.50 | 0.20 | 2.5 | 12    | 6  | 09                 | 8.3  | ●/●      | ●/●  | ●/● |
| R/LBM09.FB200.02.14 | 12   | 2.00 | 0.20 | 5.0 | 12.5  | 6  | 09                 | 10.3 | ●/●      | ●/●  | ●/● |
| R/LBM09.FB250.02.14 | 12   | 2.50 | 0.20 | 5.0 | 13    | 6  | 09                 | 10.3 | ●/●      | ●/●  | ●/● |
| R/LBM09.FB300.02.14 | 12   | 3.00 | 0.20 | 5.0 | 13.5  | 6  | 09                 | 10.3 | ●/●      | ●/●  | ●/● |
| R/LBM09.FB318.02.14 | 12   | 3.18 | 0.20 | 5.0 | 13.68 | 6  | 09                 | 10.3 | ●/●      | ●/●  | ●/● |

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BM09系列端面槽刀 BM09 Face Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

- 全圆弧  
Full radius
- 孔内端面槽刀  
Face grooving in bores

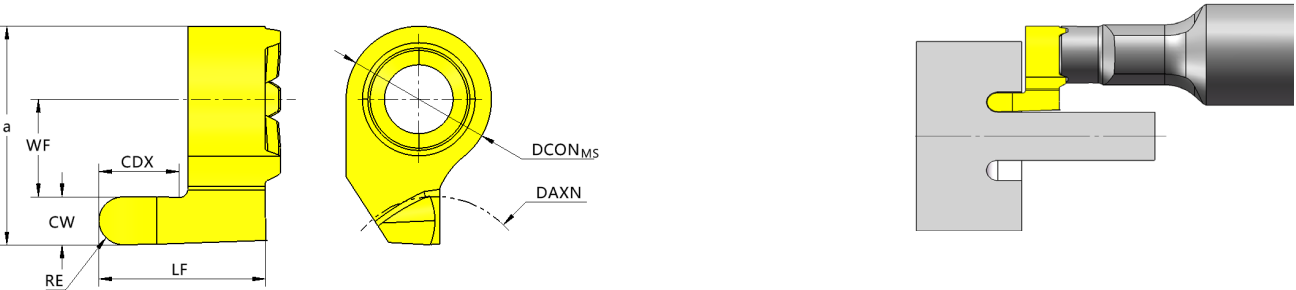
●: 库存品 on stock    1: 1周 1week    3: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number       | DAXN | CW   | RE   | CDX | a    | WF | DCON <sub>M5</sub> | LF   | 库存 Stock |      |     |
|-----------------------|------|------|------|-----|------|----|--------------------|------|----------|------|-----|
|                       |      |      |      |     |      |    |                    |      | TA51     | TD51 | M5  |
| R/LBM09.FAR100.05.14  | 14   | 1.00 | 0.50 | 1.5 | 13.5 | 9  | 09                 | 8.3  | ●/●      | 1/1  | ●/● |
| R/LBM09.FAR150.075.14 | 14   | 1.50 | 0.75 | 2.5 | 13.5 | 9  | 09                 | 8.3  | ●/●      | 1/1  | ●/● |
| R/LBM09.FAR200.10.14  | 14   | 2.00 | 1.00 | 5.0 | 13.5 | 9  | 09                 | 10.3 | ●/●      | 1/1  | ●/● |
| R/LBM09.FAR250.125.14 | 14   | 2.50 | 1.25 | 5.0 | 13.5 | 9  | 09                 | 10.3 | ●/●      | 1/1  | ●/● |
| R/LBM09.FAR300.15.14  | 14   | 3.00 | 1.50 | 5.0 | 13.5 | 9  | 09                 | 10.3 | ●/●      | 1/1  | ●/● |

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BM09系列端面槽刀 BM09 Face Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

- 全圆弧  
Full radius
- 中心轴端面槽刀  
Face grooving on pivots

●: 库存品 on stock    1: 1周 1week    3: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

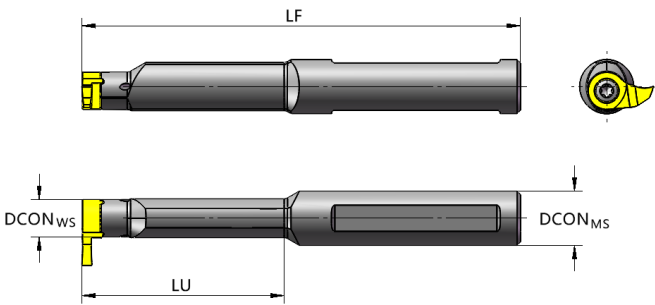
| 型号 Order Number       | DAXN | CW   | RE   | CDX | a    | WF | DCON <sub>M5</sub> | LF   | 库存 Stock |      |     |
|-----------------------|------|------|------|-----|------|----|--------------------|------|----------|------|-----|
|                       |      |      |      |     |      |    |                    |      | TA51     | TD51 | M5  |
| R/LBM09.FBR100.05.12  | 12   | 1.00 | 0.50 | 1.5 | 11.5 | 6  | 09                 | 8.3  | ●/●      | 1/1  | ●/● |
| R/LBM09.FBR150.075.14 | 12   | 1.50 | 0.75 | 2.5 | 12   | 6  | 09                 | 8.3  | ●/●      | 1/1  | ●/● |
| R/LBM09.FBR200.10.14  | 12   | 2.00 | 1.00 | 5.0 | 12.5 | 6  | 09                 | 10.3 | ●/●      | 1/1  | ●/● |
| R/LBM09.FBR250.125.14 | 12   | 2.50 | 1.25 | 5.0 | 13   | 6  | 09                 | 10.3 | ●/●      | 1/1  | ●/● |
| R/LBM09.FBR300.15.14  | 12   | 3.00 | 1.50 | 5.0 | 13.5 | 6  | 09                 | 10.3 | ●/●      | 1/1  | ●/● |

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BM11系列刀杆 BM11 Holder

CUTOUTIL TOOLS

Precision Cutting Tools



BMB11.A××.××钢刀杆  
BMB11.A××.××Steel holder  
  
BMB11.E××.××硬质合金刀杆  
BMB11.E××.××Tungsten carbide holder

最小加工孔径（DMIN）见刀片页面。  
Bore Ø from the inserts pages.

公制内冷刀杆  
Holder in Metric with internal coolant

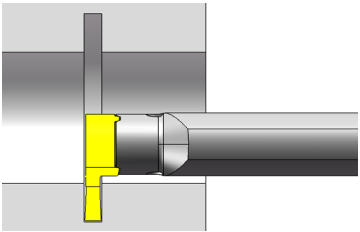
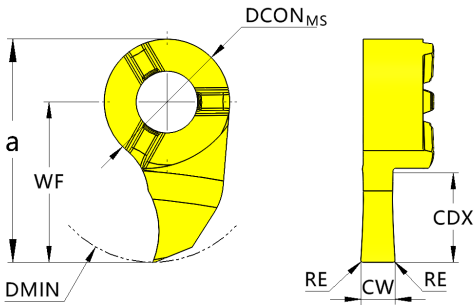
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks

| 型号 Order Number | DCON <sub>MS</sub> | LU | LF  | DCON <sub>WS</sub> | 螺钉 Screw  | 扳手 Wrench | 库存 Stock |
|-----------------|--------------------|----|-----|--------------------|-----------|-----------|----------|
| BMB11.A20.25    | 20                 | 25 | 95  | 11                 | M5-12-T20 | T20-Q     | ●        |
| BMB11.A20.40    | 20                 | 40 | 105 | 11                 | M5-12-T20 | T20-Q     | ●        |
| BMB11.E16.42    | 16                 | 42 | 100 | 11                 | M5-12-T20 | T20-Q     | ●        |
| BMB11.E16.60    | 16                 | 60 | 130 | 11                 | M5-12-T20 | T20-Q     | ●        |
| BMB11.E16.85    | 16                 | 85 | 160 | 11                 | M5-12-T20 | T20-Q     | ●        |

BM11系列切槽刀 BM11 Grooving

CUTOUTIL TOOLS

Precision Cutting Tools



图示为右手  
Right hand shown

切槽刀  
Grooving

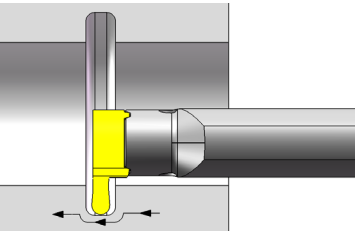
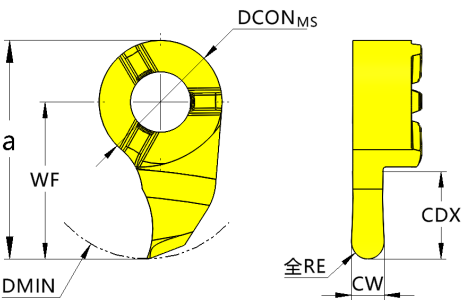
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

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| H |   | △ |   |

| 型号 Order Number    | DMIN | CW   | RE   | CDX | a    | WF | DCON <sub>MS</sub> | 库存 Stock |      |     |
|--------------------|------|------|------|-----|------|----|--------------------|----------|------|-----|
|                    |      |      |      |     |      |    |                    | TA51     | TD51 | M5  |
| R/LBM11.G150.02.20 | 20   | 1.50 | 0.20 | 8   | 19.5 | 14 | 11                 | ●/●      | ◐/◐  | ●/● |
| R/LBM11.G200.02.20 | 20   | 2.00 | 0.20 | 8   | 19.5 | 14 | 11                 | ●/●      | ◐/◐  | ●/● |
| R/LBM11.G250.02.20 | 20   | 2.50 | 0.20 | 8   | 19.5 | 14 | 11                 | ●/●      | ◐/◐  | ●/● |
| R/LBM11.G300.02.20 | 20   | 3.00 | 0.20 | 8   | 19.5 | 14 | 11                 | ●/●      | ◐/◐  | ●/● |
| R/LBM11.G318.02.20 | 20   | 3.18 | 0.20 | 8   | 19.5 | 14 | 11                 | ●/●      | ◐/◐  | ●/● |
| R/LBM11.G400.02.20 | 20   | 4.00 | 0.20 | 8   | 19.5 | 14 | 11                 | ●/●      | ◐/◐  | ●/● |

BM11系列切槽刀 BM11 Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

切槽刀  
Grooving

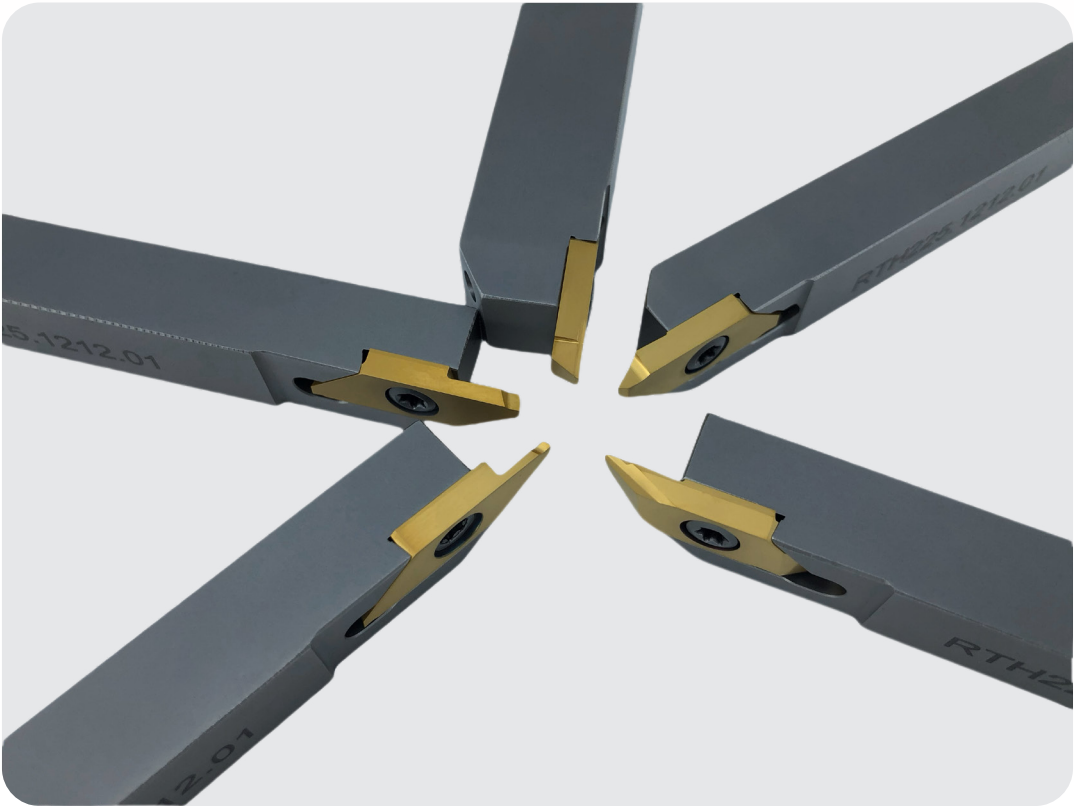
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

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| 型号 Order Number    | DMIN | CW | RE  | CDX | a    | WF | DCON <sub>MS</sub> | 库存 Stock |      |     |
|--------------------|------|----|-----|-----|------|----|--------------------|----------|------|-----|
|                    |      |    |     |     |      |    |                    | TA51     | TD51 | M5  |
| R/LBM11.R300.15.18 | 18   | 3  | 1.5 | 6   | 17.5 | 12 | 11                 | ●/●      | ◐/◐  | ●/● |
| R/LBM11.R400.20.18 | 18   | 4  | 2   | 6   | 17.5 | 12 | 11                 | ●/●      | ◐/◐  | ●/● |

225系列外圆刀具 225 external tools

CUTOUTIL TOOLS  
Precision Cutting Tools



225 系列

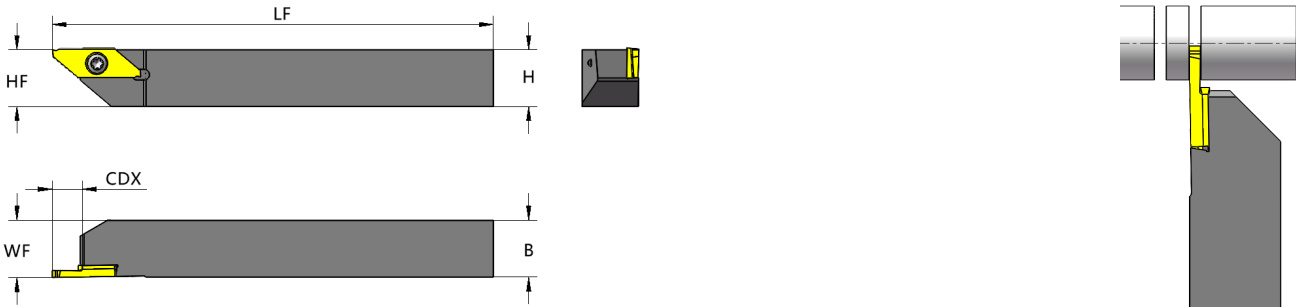
- 高精度外径切削系列
- 极高的锋利度和刃口质量
- 极小切削力和被加工粗糙度
- 超过100款类型的标准品库存

225 series

- High-precision outer diameter cutting series
- Extremely high sharpness and edge quality
- Minimal cutting force and roughness to be machined
- More than 100 types of standard products are in stock

刀杆 Holder

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

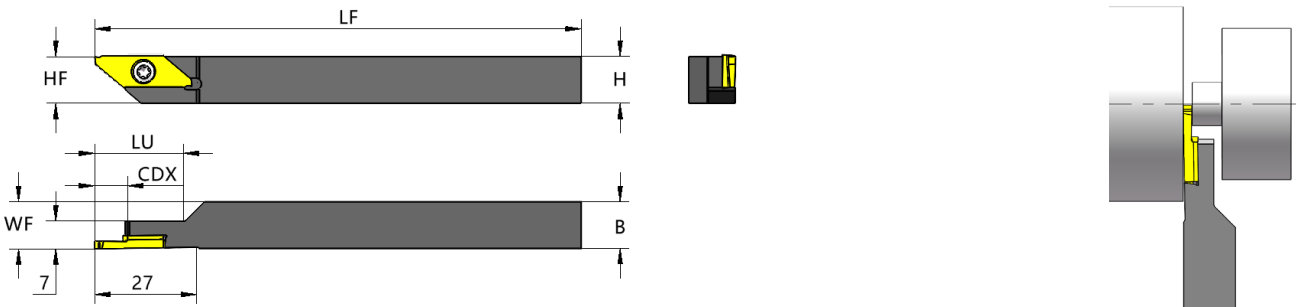
公制钢刀杆  
Steel holder in Metric

●: 库存品 on stock    ●: 1周 1week    ○: 3周 3weeks

| 型号 Order Number  | B  | H  | HF | WF | LF  | CDX | 螺钉 Screw  | 扳手 Wrench | 库存 Stock |
|------------------|----|----|----|----|-----|-----|-----------|-----------|----------|
| R/LTH225.1010.01 | 10 | 10 | 10 | 10 | 125 | 8.5 | M4-10-T15 | T15-Q     | ● / ●    |
| R/LTH225.1212.01 | 12 | 12 | 12 | 12 | 125 | 8.5 | M4-10-T15 | T15-Q     | ● / ●    |
| R/LTH225.1616.01 | 16 | 16 | 16 | 16 | 125 | 8.5 | M4-10-T15 | T15-Q     | ● / ●    |
| R/LTH225.2020.01 | 20 | 20 | 20 | 20 | 125 | 8.5 | M4-10-T15 | T15-Q     | ● / ●    |

刀杆 Holder

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

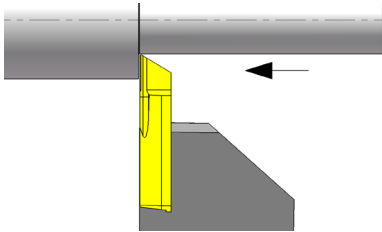
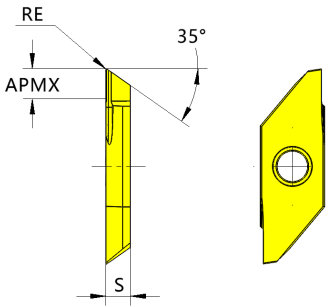
公制钢刀杆适用于副主轴切断  
Steel holder in Metric For Parting off

●: 库存品 on stock    ●: 1周 1week    ○: 3周 3weeks

| 型号 Order Number  | B  | H  | HF | WF | LU | LF  | CDX | 螺钉 Screw  | 扳手 Wrench | 库存 Stock |
|------------------|----|----|----|----|----|-----|-----|-----------|-----------|----------|
| RTH225.1010.X.01 | 10 | 10 | 10 | 10 | 20 | 125 | 8.5 | M4-10-T15 | T15-Q     | ●        |
| RTH225.1212.X.01 | 12 | 12 | 12 | 12 | 20 | 125 | 8.5 | M4-10-T15 | T15-Q     | ●        |

前扫刀 Front turning

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

前扫刀  
Front turning

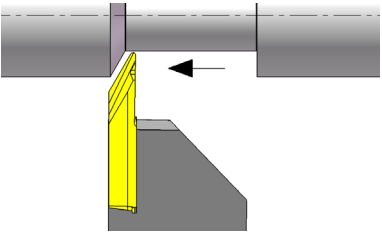
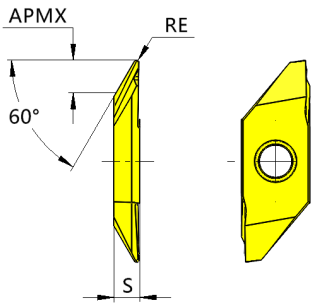
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number | S   | RE   | APMX | 库存 Stock |      |     |
|-----------------|-----|------|------|----------|------|-----|
|                 |     |      |      | TA61     | TD61 | M6  |
| R/LT225.F003    | 3.2 | 0.03 | 4    | ●/●      | ◐/◐  | ●/● |
| R/LT225.F005    | 3.2 | 0.05 | 4    | ●/●      | ◐/◐  | ●/● |
| R/LT225.F010    | 3.2 | 0.10 | 4    | ●/●      | ◐/◐  | ●/● |
| R/LT225.F020    | 3.2 | 0.20 | 4    | ●/●      | ◐/◐  | ●/● |

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| S |   | ▲ |   |
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后扫刀 Back turning

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

后扫刀  
Back turning

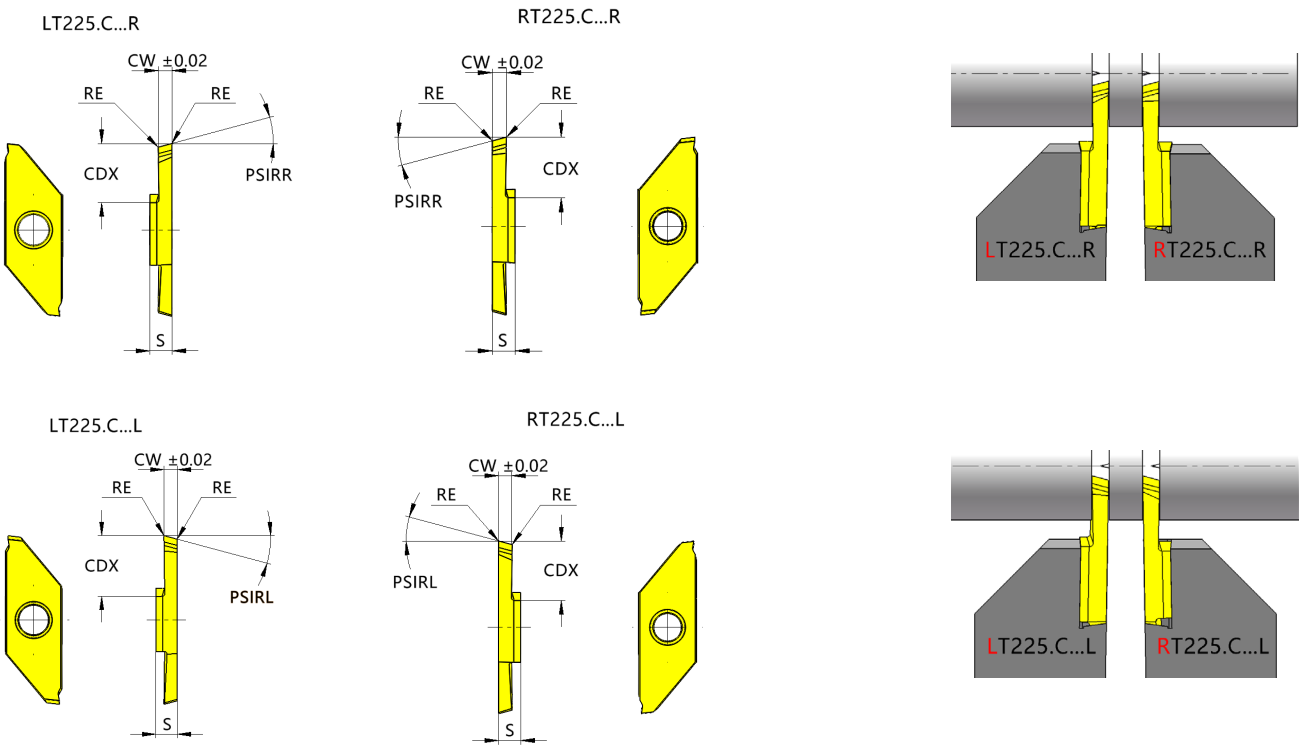
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number | S   | RE   | APMX | 库存 Stock |      |     |
|-----------------|-----|------|------|----------|------|-----|
|                 |     |      |      | TA61     | TD61 | M6  |
| R/LT225.B003    | 3.2 | 0.03 | 4    | ●/●      | ◐/◐  | ●/● |
| R/LT225.B005    | 3.2 | 0.05 | 4    | ●/●      | ◐/◐  | ●/● |
| R/LT225.B010    | 3.2 | 0.10 | 4    | ●/●      | ◐/◐  | ●/● |
| R/LT225.B020    | 3.2 | 0.20 | 4    | ●/●      | ◐/◐  | ●/● |

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切断刀 Parting off

CUTOUTIL TOOLS  
Precision Cutting Tools



切断刀  
Parting off

●: 库存品 on stock    ①: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number | S   | CW   | RE   | CDX | PSIRL | PSIRR | 库存 Stock |      |     |
|-----------------|-----|------|------|-----|-------|-------|----------|------|-----|
|                 |     |      |      |     |       |       | TA51     | TD51 | M5  |
| R/LT225.C070R   | 3.2 | 0.70 | 0.05 | 4.3 |       | 15°   | ●/●      | ①/①  | ●/● |
| R/LT225.C100R   | 3.2 | 1.00 | 0.05 | 6.3 |       | 15°   | ●/●      | ①/①  | ●/● |
| R/LT225.C150R   | 3.2 | 1.50 | 0.05 | 6.3 |       | 15°   | ●/●      | ①/①  | ●/● |
| R/LT225.C200R   | 3.2 | 2.00 | 0.05 | 8.5 |       | 15°   | ●/●      | ①/①  | ●/● |
| R/LT225.C150R20 | 3.2 | 1.50 | 0.05 | 6.3 |       | 20°   | ●/●      | ①/①  | ●/● |
| R/LT225.C200R20 | 3.2 | 2.00 | 0.05 | 8.5 |       | 20°   | ●/●      | ①/①  | ●/● |
| R/LT225.C070L   | 3.2 | 0.70 | 0.05 | 4.3 | 15°   |       | ●/●      | ①/①  | ●/● |
| R/LT225.C100L   | 3.2 | 1.00 | 0.05 | 6.3 | 15°   |       | ●/●      | ①/①  | ●/● |
| R/LT225.C150L   | 3.2 | 1.50 | 0.05 | 6.3 | 15°   |       | ●/●      | ①/①  | ●/● |
| R/LT225.C200L   | 3.2 | 2.00 | 0.05 | 8.5 | 15°   |       | ●/●      | ①/①  | ●/● |

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切断刀 Parting off

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown  
切断刀  
Parting off

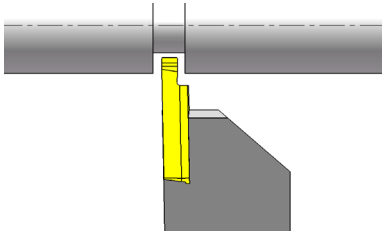
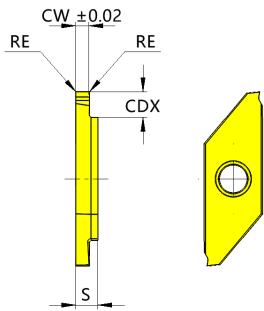
●: 库存品 on stock    ①: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number | S   | CW   | RE   | CDX | APMX | 库存 Stock |      |     |
|-----------------|-----|------|------|-----|------|----------|------|-----|
|                 |     |      |      |     |      | TA51     | TD51 | M5  |
| R/LT225.C070N   | 3.2 | 0.70 | 0.05 | 4.3 |      | ●/●      | ①/①  | ●/● |
| R/LT225.C100N   | 3.2 | 1.00 | 0.05 | 6.3 |      | ●/●      | ①/①  | ●/● |
| R/LT225.C150N   | 3.2 | 1.50 | 0.05 | 6.3 |      | ●/●      | ①/①  | ●/● |
| R/LT225.C200N   | 3.2 | 2.00 | 0.05 | 8.5 |      | ●/●      | ①/①  | ●/● |
| R/LT225.C100T   | 3.2 | 1.00 | 0.05 | 6.3 | 1.5  | ●/●      | ①/①  | ●/● |
| R/LT225.C150T   | 3.2 | 1.50 | 0.05 | 6.3 | 1.5  | ●/●      | ①/①  | ●/● |
| R/LT225.C200T   | 3.2 | 2.00 | 0.05 | 8.2 | 3    | ●/●      | ①/①  | ●/● |
| R/LT225.C250T   | 3.2 | 2.50 | 0.05 | 8.2 | 3    | ●/●      | ①/①  | ●/● |

|   |   |   |   |
|---|---|---|---|
| P | ▲ |   |   |
| M | ▲ | ▲ |   |
| K |   |   |   |
| N |   |   | ▲ |
| S |   | ▲ |   |
| H |   | △ |   |

切槽刀 Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

切槽刀  
Grooving

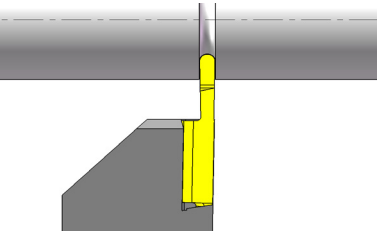
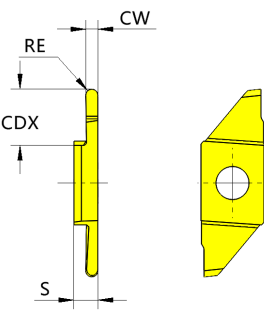
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number | S   | CW   | RE   | CDX | 库存 Stock |      |     |
|-----------------|-----|------|------|-----|----------|------|-----|
|                 |     |      |      |     | TA51     | TD51 | M5  |
| R/LT225.G050    | 3.2 | 0.50 | 0.05 | 1.3 | ●/●      | ◐/◐  | ●/● |
| R/LT225.G075    | 3.2 | 0.75 | 0.05 | 2.5 | ●/●      | ◐/◐  | ●/● |
| R/LT225.G100    | 3.2 | 1.00 | 0.05 | 2.7 | ●/●      | ◐/◐  | ●/● |
| R/LT225.G125    | 3.2 | 1.25 | 0.05 | 2.7 | ●/●      | ◐/◐  | ●/● |
| R/LT225.G150    | 3.2 | 1.50 | 0.05 | 3.7 | ●/●      | ◐/◐  | ●/● |
| R/LT225.G175    | 3.2 | 1.75 | 0.05 | 3.7 | ●/●      | ◐/◐  | ●/● |
| R/LT225.G200    | 3.2 | 2.00 | 0.05 | 3.7 | ●/●      | ◐/◐  | ●/● |
| R/LT225.G250    | 3.2 | 2.50 | 0.05 | 3.7 | ●/●      | ◐/◐  | ●/● |

|   |   |   |   |
|---|---|---|---|
| P | ▲ |   |   |
| M | ▲ | ▲ |   |
| K |   |   |   |
| N |   |   | ▲ |
| S |   | ▲ |   |
| H |   | △ |   |

切槽刀 Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为左手  
Left hand shown

圆头切槽刀  
Grooving Full radius

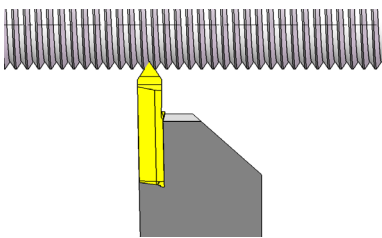
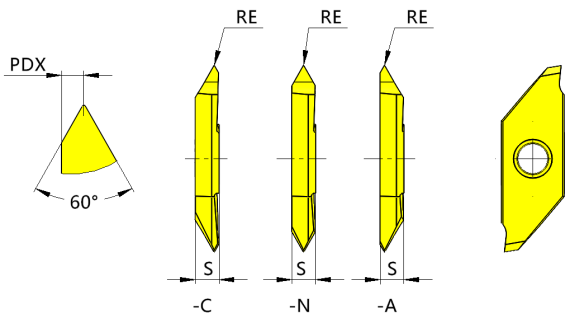
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number | S   | CW   | RE    | CDX | 库存 Stock |      |    |
|-----------------|-----|------|-------|-----|----------|------|----|
|                 |     |      |       |     | TA51     | TD51 | M5 |
| LT225.P080      | 3.2 | 0.80 | 0.40  | 3.8 | ●        | ◐    | ●  |
| LT225.P125      | 3.2 | 1.25 | 0.625 | 4.0 | ●        | ◐    | ●  |
| LT225.P160      | 3.2 | 1.60 | 0.80  | 4.0 | ●        | ◐    | ●  |
| LT225.P250      | 3.2 | 2.50 | 1.25  | 4.0 | ●        | ◐    | ●  |

|   |   |   |   |
|---|---|---|---|
| P | ▲ |   |   |
| M | ▲ | ▲ |   |
| K |   |   |   |
| N |   |   | ▲ |
| S |   | ▲ |   |
| H |   | △ |   |

螺纹刀 Threading

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

螺纹刀公制 60°范围牙型  
Threading Metric ISO 60° Partial profile

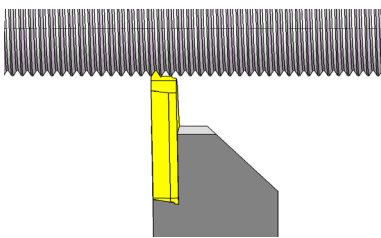
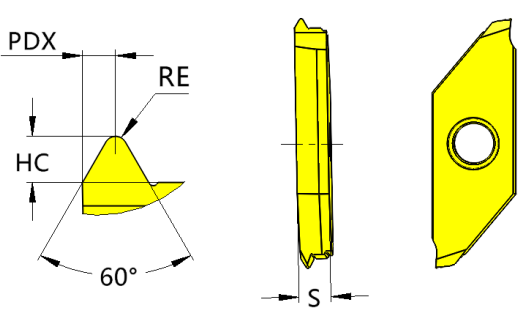
●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number | S   | TP  | TPX | RE   | PDX  | 库存 Stock |      |     |
|-----------------|-----|-----|-----|------|------|----------|------|-----|
|                 |     |     |     |      |      | TA51     | TD51 | M5  |
| R/LT225.T60A    | 3.2 | 0.4 | 1.0 | 0.05 | 0.60 | ●/●      | ●/●  | ●/● |
| R/LT225.T60C    | 3.2 | 0.4 | 1.0 | 0.05 | 2.6  | ●/●      | ●/●  | ●/● |
| R/LT225.T60N    | 3.2 | 0.4 | 2.0 | 0.05 | 1.59 | ●/●      | ●/●  | ●/● |

|   |   |   |   |
|---|---|---|---|
| P | ▲ |   |   |
| M | ▲ | ▲ |   |
| K |   |   |   |
| N |   |   | ▲ |
| S |   | ▲ |   |
| H |   | △ |   |

螺纹刀 Threading

CUTOUTIL TOOLS  
Precision Cutting Tools



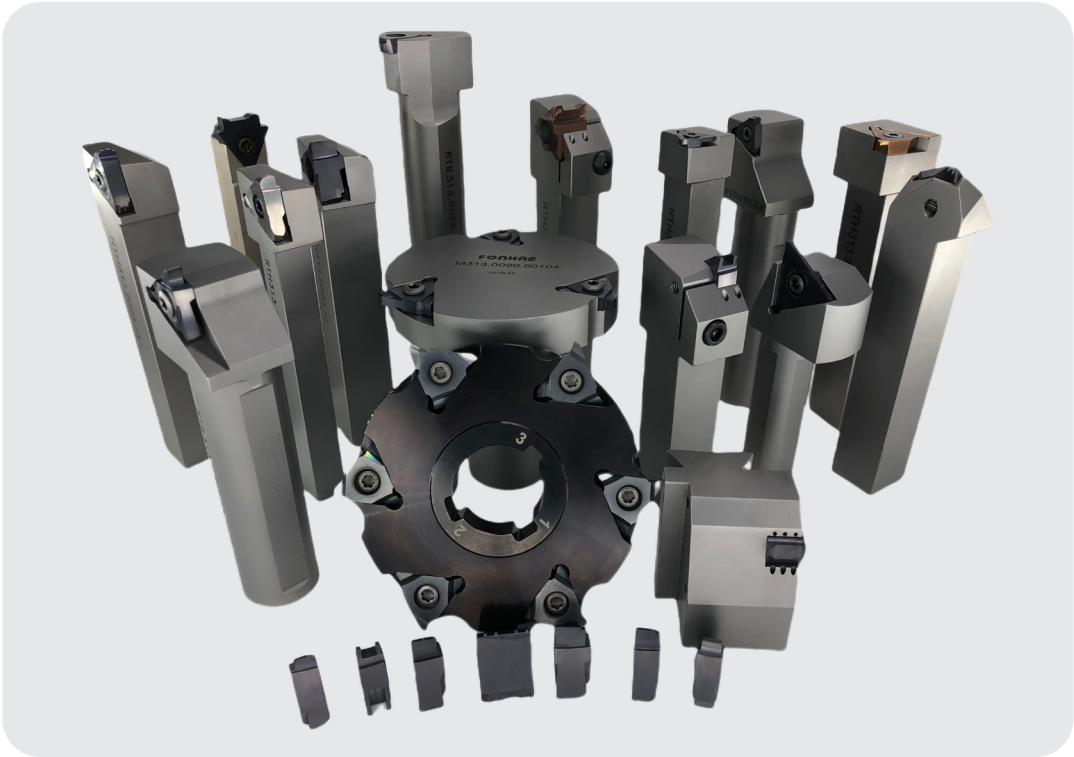
图示为右手  
Right hand shown

螺纹刀公制60°全牙型  
Threading Metric ISO 60° Full profile

●: 库存品 on stock    1周 1week    3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number    | S   | TP   | RE   | HC   | PDX  | 库存 Stock |      |     |
|--------------------|-----|------|------|------|------|----------|------|-----|
|                    |     |      |      |      |      | TA51     | TD51 | M5  |
| R/LT225.MMF01.020A | 3.2 | 0.20 | 0.03 | 0.12 | 0.23 | ●/●      | ●/●  | ●/● |
| R/LT225.MMF01.025A | 3.2 | 0.25 | 0.04 | 0.15 | 0.28 | ●/●      | ●/●  | ●/● |
| R/LT225.MMF01.030A | 3.2 | 0.30 | 0.04 | 0.19 | 0.28 | ●/●      | ●/●  | ●/● |
| R/LT225.MMF01.035A | 3.2 | 0.35 | 0.05 | 0.22 | 0.32 | ●/●      | ●/●  | ●/● |
| R/LT225.MMF01.040A | 3.2 | 0.40 | 0.06 | 0.25 | 0.38 | ●/●      | ●/●  | ●/● |
| R/LT225.MMF01.045A | 3.2 | 0.45 | 0.06 | 0.28 | 0.38 | ●/●      | ●/●  | ●/● |
| R/LT225.MMF01.050A | 3.2 | 0.50 | 0.07 | 0.31 | 0.48 | ●/●      | ●/●  | ●/● |
| R/LT225.MMF01.070A | 3.2 | 0.70 | 0.10 | 0.43 | 0.38 | ●/●      | ●/●  | ●/● |
| R/LT225.MMF01.075A | 3.2 | 0.75 | 0.11 | 0.46 | 0.38 | ●/●      | ●/●  | ●/● |
| R/LT225.MMF01.080A | 3.2 | 0.80 | 0.11 | 0.49 | 0.38 | ●/●      | ●/●  | ●/● |
| R/LT225.MMF01.100A | 3.2 | 1.00 | 0.12 | 0.61 | 0.38 | ●/●      | ●/●  | ●/● |
| R/LT225.MMF01.125A | 3.2 | 1.25 | 0.15 | 0.77 | 0.38 | ●/●      | ●/●  | ●/● |
| R/LT225.MMF01.150A | 3.2 | 1.50 | 0.22 | 0.92 | 0.38 | ●/●      | ●/●  | ●/● |

|   |   |   |   |
|---|---|---|---|
| P | ▲ |   |   |
| M | ▲ | ▲ |   |
| K |   |   |   |
| N |   |   | ▲ |
| S |   | ▲ |   |
| H |   | △ |   |



非标刀片系列

- 针对大批量和超大批量零件加工
- 提高加工节拍
- 超高刀具寿命
- 极低单件成本
- 针对实际工况订制

Special insert series

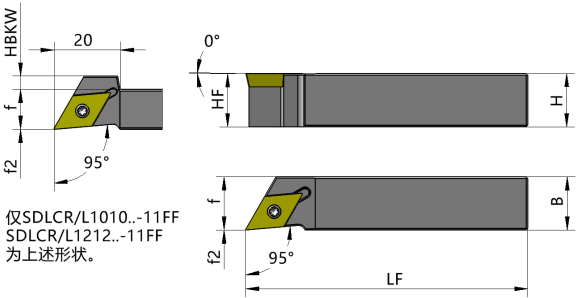
- For high-volume production.
- Shorter cycle times.
- Extremely high tool life.
- Very low unit cost.
- Customized according to actual working conditions.



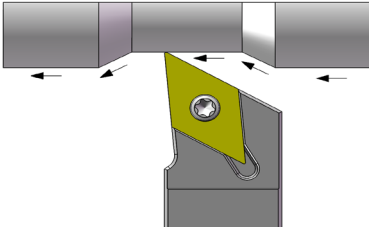
SDLC 刀杆 SDLC Holder

CUTOUTIL TOOLS

Precision Cutting Tools



仅SDLCR/L1010...-11FF  
SDLCR/L1212...-11FF  
为上述形状。



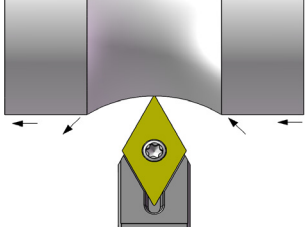
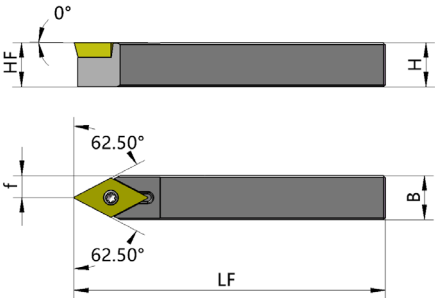
图示为右手  
Right hand shown

| 型号<br>Model      | 尺寸 Size |    |    |      |     |    |    | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert             |
|------------------|---------|----|----|------|-----|----|----|----------------------|---------------|----------------|----------------------------|
|                  | H       | B  | HF | HBKW | LF  | f  | f2 |                      |               |                |                            |
| SDLCR/L1010JX-07 | 10      | 10 | 10 | -    | 120 | 10 | 0  | 无 No                 | M2.5-6-T8     | T8-Q           | DC.T0702...<br>DC.W0702... |
| SDLCR/L1212JX-07 | 12      | 12 | 12 |      | 120 | 12 |    |                      |               |                |                            |
| SDLCR/L1616JX-07 | 16      | 16 | 16 |      | 120 | 16 |    |                      |               |                |                            |
| SDLCR/L1010JX-11 | 10      | 10 | 10 |      | 120 | 10 |    |                      | M4-10-T15     | T15-Q          | DC.T11T3...<br>DC.W11T3    |
| SDLCR/L1212JX-11 | 12      | 12 | 12 |      | 120 | 12 |    |                      |               |                |                            |
| SDLCR/L1616JX-11 | 16      | 16 | 16 |      | 120 | 16 |    |                      |               |                |                            |

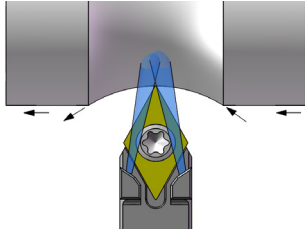
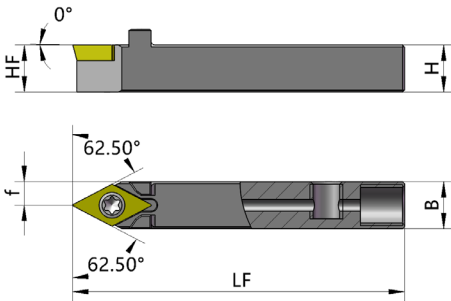
SDNC 刀杆 SDNC Holder

CUTOUTIL TOOLS

Precision Cutting Tools



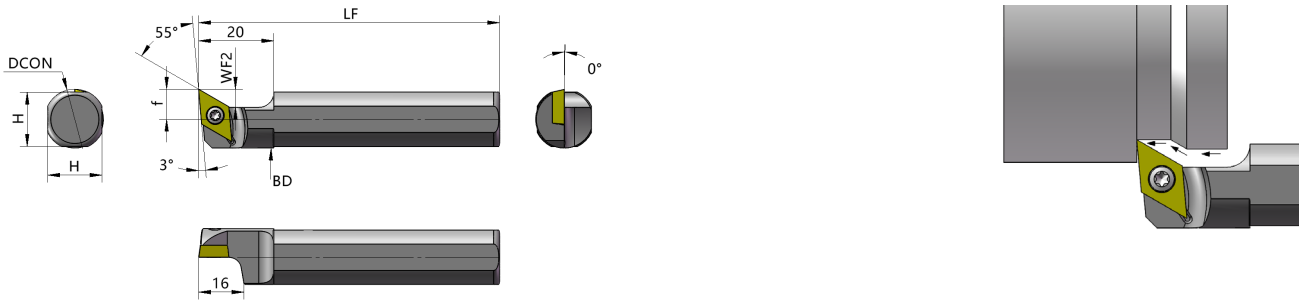
| 型号<br>Model     | 尺寸 Size |    |    |     |   | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert             |
|-----------------|---------|----|----|-----|---|----------------------|---------------|----------------|----------------------------|
|                 | H       | B  | HF | LF  | f |                      |               |                |                            |
| SDNCN-0808H-07  | 8       | 8  | 8  | 100 | 4 | 无 No                 | M2.5-6-T8     | T8-Q           | DC.T0702...<br>DC.W0702... |
| SDNCN-1010JX-07 | 10      | 10 | 10 | 120 | 5 |                      |               |                |                            |
| SDNCN-1212JX-07 | 12      | 12 | 12 | 120 | 6 |                      |               |                |                            |
| SDNCN-1010H-11  | 10      | 10 | 10 | 100 | 5 |                      | M4-10-T15     | T15-Q          | DC.T11T3...<br>DC.W11T3... |
| SDNCN-1212JX-11 | 12      | 12 | 12 | 120 | 6 |                      |               |                |                            |
| SDNCN-1616JX-11 | 16      | 16 | 16 | 120 | 8 |                      |               |                |                            |



| 型号<br>Model       | 尺寸 Size |    |    |     |      | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert             |
|-------------------|---------|----|----|-----|------|----------------------|---------------|----------------|----------------------------|
|                   | H       | B  | HF | LF  | f    |                      |               |                |                            |
| SDNCN-1010H-07-IC | 10      | 10 | 10 | 100 | 5    | 有 Yes                | M2.5-6-T8     | T8-Q           | DC.T0702...<br>DC.W0702... |
| SDNCN-1212H-07-IC | 12      | 12 | 12 | 100 | 6    |                      |               |                |                            |
| SDNCN-1616K-07-IC | 16      | 16 | 16 | 125 | 8    |                      |               |                |                            |
| SDNCN-1212H-11-IC | 12      | 12 | 12 | 100 | 6    |                      | M4-10-T15     | T15-Q          | DC.T11T3...<br>DC.W11T3... |
| SDNCN-1212K-11-IC | 12      | 12 | 12 | 125 | 6    |                      |               |                |                            |
| SDNCN-1616K-11-IC | 16      | 16 | 16 | 125 | 8    |                      |               |                |                            |
| SDNCN-2020K-11-IC | 20      | 20 | 20 | 125 | 10   |                      |               |                |                            |
| SDNCN-2525M-11-IC | 25      | 25 | 25 | 150 | 12.5 |                      |               |                |                            |

S.....SDUC 刀杆 S.....SDUC Holder

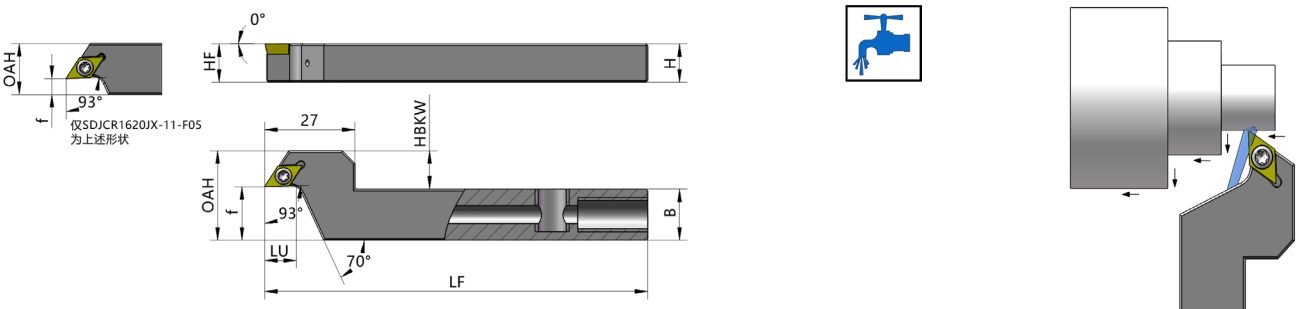
CUTOUTIL TOOLS  
Precision Cutting Tools



| 型号<br>Model    | 尺寸 Size |    |      |     |    |     | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert                            |
|----------------|---------|----|------|-----|----|-----|----------------------|---------------|----------------|-------------------------------------------|
|                | DCON    | H  | BD   | LF  | f  | WF2 |                      |               |                |                                           |
| S14H-SDUCL07   | 14      | 13 | 13.4 | 100 | 6  | 3.8 | 无 No                 | M2.5-6-T8     | T8-Q           | DC.T0702...<br>DC.W0702...<br>DC.X0702... |
| S15F-SDUCL07   | 15.875  | 15 | 15.4 | 85  |    |     |                      |               |                |                                           |
| S19G-SDUCL07   | 19.05   | 17 | 18.4 | 90  |    |     |                      |               |                |                                           |
| S19K-SDUCL07   | 19.05   | 17 | 18.4 | 120 |    |     |                      |               |                |                                           |
| S20G-SDUCL07   | 20      | 18 | 19.4 | 90  |    |     |                      |               |                |                                           |
| S20K-SDUCL07   | 20      | 18 | 19.4 | 120 |    |     |                      |               |                |                                           |
| S19G-SDUCL11   | 19.05   | 17 | 18.4 | 90  | 10 | 5.8 |                      | M4-8-T15      | T15-Q          | DC.T11T3...<br>DC.W11T3...<br>DC.X11T3... |
| S19K-SDUCL11   | 19.05   | 17 | 18.4 | 120 |    |     |                      |               |                |                                           |
| S20G-SDUCL11   | 20      | 18 | 19.4 | 90  |    |     |                      |               |                |                                           |
| S20K-SDUCL11   | 20      | 18 | 19.4 | 120 |    |     |                      |               |                |                                           |
| S22K-SDUCL11   | 22      | 20 | 21.4 | 120 |    |     |                      |               |                |                                           |
| S25.0H-SDUCL11 | 25      | 23 | 24.4 | 100 |    |     |                      |               |                |                                           |
| S25K-SDUCL11   | 25.4    | 23 | 24.8 | 120 |    |     |                      |               |                |                                           |

SDJC.....IC 刀杆 SDJC.....IC Holder

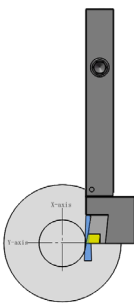
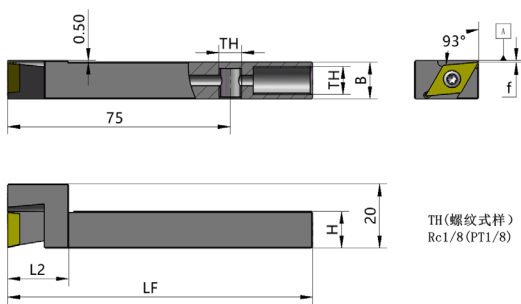
CUTOUTIL TOOLS  
Precision Cutting Tools



| 型号<br>Model           | 尺寸 Size |    |     |    |      |     |      |    | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert                            |
|-----------------------|---------|----|-----|----|------|-----|------|----|----------------------|---------------|----------------|-------------------------------------------|
|                       | H       | B  | OAH | HF | HBKW | LF  | LU   | f  |                      |               |                |                                           |
| SDJCR1216JX-11-F05-IC | 12      | 16 | 18  | 12 | 2    | 120 | 12.6 | 5  | 有 Yes                | M4-10-T15     | T15-Q          | DC.T11T3...<br>DC.W11T3...<br>DC.X11T3... |
| SDJCR1216JX-11-F15-IC | 12      | 16 | 28  | 12 | 12   |     |      | 15 |                      |               |                |                                           |
| SDJCR1620JX-11-F05-IC | 16      | 20 | 20  | 16 | -    |     |      | 5  |                      |               |                |                                           |
| SDJCR1620JX-11-F15-IC | 16      | 20 | 28  | 16 | 8    |     |      | 15 |                      |               |                |                                           |

Y-SDJC.....IC 刀杆 Y-SDJC.....IC Holder

CUTOUTIL TOOLS  
Precision Cutting Tools

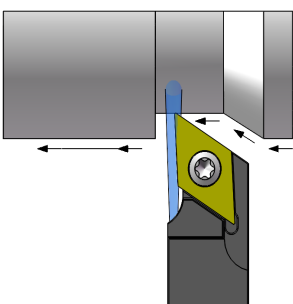
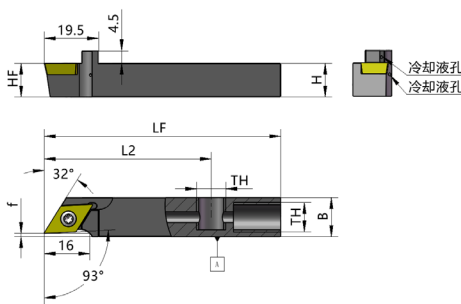


图示为右手  
Right hand shown

| 型号<br>Model          | 尺寸 Size |    |     |    |   |    | 冷却孔<br>Inner<br>cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|----------------------|---------|----|-----|----|---|----|-------------------------|---------------|----------------|----------------|
|                      | H       | B  | LF  | h1 | f | L2 |                         |               |                |                |
| Y-SDJCR/L1212H11S-IC | 12      | 12 | 100 | -  | 0 | 20 | 有 Yes                   | M4-10-T15     | T8-Q           | DC..11T3       |
| Y-SDJCR/L1616H11-IC  | 16      | 16 | 100 | -  | 0 | 25 |                         |               |                |                |

SDJC.....IC 刀杆 SDJC.....IC Holder

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

| 型号<br>Model            | 尺寸 Size |    |     |    |   |    | 冷却孔<br>Inner<br>cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|------------------------|---------|----|-----|----|---|----|-------------------------|---------------|----------------|----------------|
|                        | H       | B  | LF  | HF | f | L2 |                         |               |                |                |
| SDJCR/L1014F11N-F02-IC | 10      | 14 | 80  | 10 | 2 | 55 | 有 Yes                   | M4-10-T15     | T8-Q           | DC..11T3       |
| SDJCR/L1214H11N-F02-IC | 12      | 14 | 100 | 12 | 2 | 75 |                         |               |                |                |
| SDJCR/L1616H11N-F02-IC | 16      | 16 | 100 | 6  | 2 | 75 |                         |               |                |                |

DCGT刀片 DCGT Insert

CUTOUTIL TOOLS  
Precision Cutting Tools



兼顾锋利性和强度，适合不锈钢，钛合金，合金工具钢半精加工，精加工槽型。  
Both sharpness and strength,suitable for stainless,titanium,alloy tool steel semi-finishing,finishing geometry.  
刀尖精细化处理，匹配不同性能的涂层，满足不同工况的加工需求。  
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

DCGT刀片 DCGT Insert

CUTOUTIL TOOLS  
Precision Cutting Tools

|  |   |  |  |
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|  | P |  |  |
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|  | K |  |  |
|  | N |  |  |
|  | S |  |  |
|  | H |  |  |

| 刀片形状<br>Shape | 刀片编号<br>Order number | 尺寸 Size (mm) |              |      | 库存 Stock |        |        |
|---------------|----------------------|--------------|--------------|------|----------|--------|--------|
|               |                      | 内接圆 IC       | 厚度 Thickness | 刀角 R | FH650M   | FH650T | FH550T |
|               | DCGT0702005R-U       | 6.35         | 2.38         | 0.05 | ●        |        |        |
|               | DCGT070201R-U        |              |              | 0.1  | ●        |        |        |
|               | DCGT070202R-U        |              |              | 0.2  | ●        |        |        |
|               | DCGT11T301R-U        |              |              | 0.1  |          | ●      |        |
|               | DCGT11T302R-U        |              |              | 0.2  |          | ●      |        |

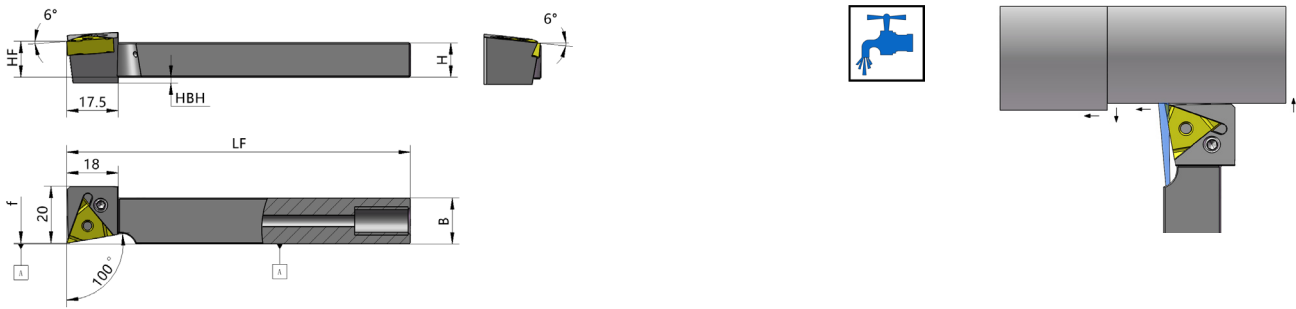
| 刀片形状<br>Shape | 刀片编号<br>Order number | 尺寸 Size (mm) |              |      | 库存 Stock |        |        |
|---------------|----------------------|--------------|--------------|------|----------|--------|--------|
|               |                      | 内接圆 IC       | 厚度 Thickness | 刀角 R | FH650M   | FH650T | FH550T |
|               | DCGT11T301FN-GS      | 9.525        | 3.97         | 0.1  |          |        | ●      |
|               | DCGT11T302FN-GS      |              |              | 0.2  |          |        | ●      |
|               | DCGT11T304FN-GS      |              |              | 0.4  |          |        | ●      |

| 刀片形状<br>Shape | 刀片编号<br>Order number | 尺寸 Size (mm) |              |      | 库存 Stock |        |        |
|---------------|----------------------|--------------|--------------|------|----------|--------|--------|
|               |                      | 内接圆 IC       | 厚度 Thickness | 刀角 R | FH650M   | FH650T | FH550T |
|               | DCGT11T301M-YL       | 9.525        | 3.97         | 0.08 | ●        | ●      | ●      |
|               | DCGT11T302M-YL       |              |              | 0.18 | ●        | ●      | ●      |
|               | DCGT11T304M-YL       |              |              | 0.38 | ●        | ●      | ●      |

| 刀片形状<br>Shape | 刀片编号<br>Order number | 尺寸 Size (mm) |              |      | 库存 Stock |        |        |        |
|---------------|----------------------|--------------|--------------|------|----------|--------|--------|--------|
|               |                      | 内接圆 IC       | 厚度 Thickness | 刀角 R | FH650M   | FH350S | FH550T | FH650T |
|               | DCGT0702005EN-SMF    | 6.35         | 2.38         | 0.05 | ●        |        | ●      |        |
|               | DCGT070201EN-SMF     |              |              | 0.1  | ●        |        | ●      |        |
|               | DCGT070202EN-SMF     |              |              | 0.2  | ●        |        | ●      |        |
|               | DCGT11T3005EN-SMF    | 9.525        | 3.97         | 0.05 | ●        |        | ●      |        |
|               | DCGT11T301EN-SMF     |              |              | 0.1  | ●        |        | ●      |        |
|               | DCGT11T302EN-SMF     |              |              | 0.2  | ●        |        | ●      |        |
|               | DCGT11T304EN-SMF     |              |              | 0.4  | ●        |        | ●      |        |

PTXN.....IC 刀杆 PTXN.....IC Holder

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

| 型号<br>Model        | 尺寸 Size |    |     |    |   |     | 杠杆  | 螺钉 /<br>Screw | 冷却孔<br>Inner<br>cooling | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|--------------------|---------|----|-----|----|---|-----|-----|---------------|-------------------------|----------------|----------------|
|                    | H       | B  | LF  | HF | f | HBH |     |               |                         |                |                |
| PTXNR/L1016X33N-IC | 10      | 16 | 120 | 10 | 0 | 2   | L3B | VHX0512       | 有 Yes                   | N2-L           | TN..1604       |
| PTXNR/L1216X33N-IC | 12      | 16 | 120 | 12 | 0 | 0   | L3B | VHX0512       |                         |                |                |
| PTXNR/L1616X33N-IC | 16      | 16 | 120 | 16 | 0 | 0   | L3B | VHX0512       |                         |                |                |
| PTXNR/L2020X33N-IC | 20      | 20 | 120 | 20 | 0 | 0   | L3B | VHX0512       |                         |                |                |

TNGG刀片 TNGG Insert

CUTOUTIL TOOLS  
Precision Cutting Tools



兼顾锋利性和大范围切屑处理能力,适用范围广。  
Both sharpness and a wide range of chip handing capacity,a wide range of applications.  
刀尖精细化处理，匹配不同性能的涂层，满足不同工况的加工需求。  
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| P |   | ▲ | ▲ | ▲ | ▲ |
| M | ▲ | ▲ | ▲ |   |   |
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| N |   |   |   |   |   |
| S | ▲ |   |   |   |   |
| H |   |   |   |   |   |

| 刀片形状<br>Shape | 刀片编号<br>Order number | 尺寸 Size (mm) |                 |      | 库存 Stock |        |        |       |        |
|---------------|----------------------|--------------|-----------------|------|----------|--------|--------|-------|--------|
|               |                      | 内接圆 IC       | 厚度<br>Thickness | 刀角 R | FH650M   | FH550T | FH650T | FD200 | FD200T |
|               | TNGG160401ER/L-S     | 9.525        | 4.76            | 0.1  |          | ●      |        | ●     | ●      |
|               | TNGG160402ER/L-S     |              |                 | 0.2  |          | ●      |        | ●     | ●      |
|               | TNGG160404ER/L-S     |              |                 | 0.4  |          | ●      |        | ●     | ●      |
|               | TNGG160401MEN-DSF    |              |                 | 0.1  | ●        |        | ●      |       |        |
|               | TNGG160402MEN-DSF    |              |                 | 0.2  | ●        |        | ●      |       |        |
|               | TNGG160404MEN-DSF    |              |                 | 0.4  | ●        |        | ●      |       |        |

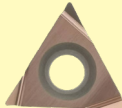
内孔刀片 Inner hole blade

CUTOUTIL TOOLS  
Precision Cutting Tools

|                                                                                   |                      |              |              | P    | ▲        | ▲     |
|-----------------------------------------------------------------------------------|----------------------|--------------|--------------|------|----------|-------|
|                                                                                   |                      |              |              | M    | ▲        |       |
|                                                                                   |                      |              |              | K    |          | ▲     |
|                                                                                   |                      |              |              | N    |          |       |
|                                                                                   |                      |              |              | S    |          |       |
|                                                                                   |                      |              |              | H    |          |       |
| 刀片形状<br>Shape                                                                     | 刀片编号<br>Order number | 尺寸 Size (mm) |              |      | 库存 Stock |       |
|                                                                                   |                      | 内接圆 IC       | 厚度 Thickness | 刀角 R | FH350S   | FD200 |
|  | TBGT060102EL-W       | 3.97         | 1.59         | 0.2  | ●        | ●     |
|                                                                                   | TBGT060104EL-W       |              |              | 0.4  | ●        | ●     |
|                                                                                   | TPGT080202EL-W       | 4.76         | 2.38         | 0.2  | ●        | ●     |
|                                                                                   | TPGT080204EL-W       |              |              | 0.4  | ●        | ●     |
|                                                                                   | TPGT090202EL-W       | 5.56         | 2.38         | 0.2  | ●        | ●     |
|                                                                                   | TPGT090204EL-W       |              |              | 0.4  | ●        | ●     |
|                                                                                   | TPGT110202EL-W       | 6.35         | 2.38         | 0.2  | ●        | ●     |
|                                                                                   | TPGT110204EL-W       |              |              | 0.4  | ●        | ●     |
|                                                                                   | TCGT110202EL-W       | 6.35         | 2.38         | 0.2  | ●        | ●     |
|                                                                                   | TCGT110204EL-W       |              |              | 0.4  | ●        | ●     |

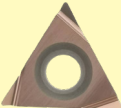
内孔刀片 Inner hole blade

CUTOUTIL TOOLS  
Precision Cutting Tools

|                                                                                     |                      |              |              | P    | ▲        | ▲     |
|-------------------------------------------------------------------------------------|----------------------|--------------|--------------|------|----------|-------|
|                                                                                     |                      |              |              | M    | ▲        |       |
|                                                                                     |                      |              |              | K    |          | ▲     |
|                                                                                     |                      |              |              | N    |          |       |
|                                                                                     |                      |              |              | S    |          |       |
|                                                                                     |                      |              |              | H    |          |       |
| 刀片形状<br>Shape                                                                       | 刀片编号<br>Order number | 尺寸 Size (mm) |              |      | 库存 Stock |       |
|                                                                                     |                      | 内接圆 IC       | 厚度 Thickness | 刀角 R | FH350S   | FD200 |
|  | TBGT060102L          | 3.97         | 1.59         | 0.2  |          | ●     |
|                                                                                     | TBGT060104L          |              |              | 0.4  |          | ●     |
|                                                                                     | TPGH080202L          | 4.76         | 2.38         | 0.2  |          | ●     |
|                                                                                     | TPGH080204L          |              |              | 0.4  |          | ●     |
|                                                                                     | TPGH090202L          | 5.56         | 2.38         | 0.2  |          | ●     |
|                                                                                     | TPGH090204L          |              |              | 0.4  |          | ●     |
|                                                                                     | TPGH110302L          | 6.35         | 3.18         | 0.2  |          | ●     |
|                                                                                     | TPGH110304L          |              |              | 0.4  |          | ●     |
|                                                                                     | TCGT110202L-FY       | 6.35         | 2.38         | 0.2  |          |       |
|                                                                                     | TCGT110204L-FY       |              |              | 0.4  |          |       |

内孔刀片 Inner hole blade

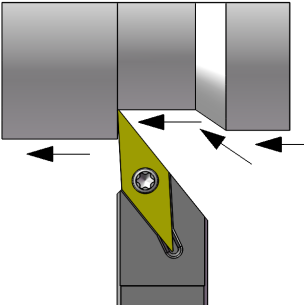
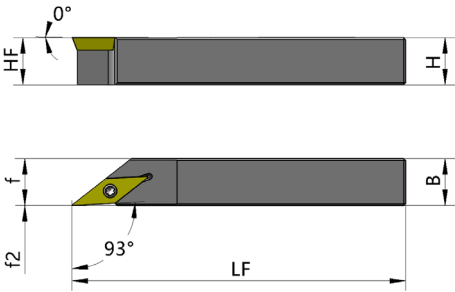
CUTOUTIL TOOLS  
Precision Cutting Tools

| 刀片形状<br>Shape                                                                     | 刀片编号<br>Order number | 尺寸 Size (mm) |              |      | 库存 Stock |       |
|-----------------------------------------------------------------------------------|----------------------|--------------|--------------|------|----------|-------|
|                                                                                   |                      | 内接圆 IC       | 厚度 Thickness | 刀角 R | FH350S   | FD200 |
|  | TBGT060102EL         | 3.97         | 1.59         | 0.2  | ●        |       |
|                                                                                   | TBGT060104EL         |              |              | 0.4  | ●        |       |
|                                                                                   | TPGH080202EL         | 4.76         | 2.38         | 0.2  | ●        |       |
|                                                                                   | TPGH080204EL         |              |              | 0.4  | ●        |       |
|                                                                                   | TPGH090202EL         | 5.56         | 2.38         | 0.2  | ●        |       |
|                                                                                   | TPGH090204EL         |              |              | 0.4  | ●        |       |
|                                                                                   | TPGH110302EL         | 6.35         | 3.18         | 0.2  | ●        |       |
|                                                                                   | TPGH110304EL         |              |              | 0.4  | ●        |       |
|                                                                                   | TCGT110202EL-FY      | 6.35         | 2.38         | 0.2  | ●        |       |
|                                                                                   | TCGT110204EL-FY      |              |              | 0.4  | ●        |       |

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SVJB 刀杆 SVJB Holder

CUTOUTIL TOOLS  
Precision Cutting Tools

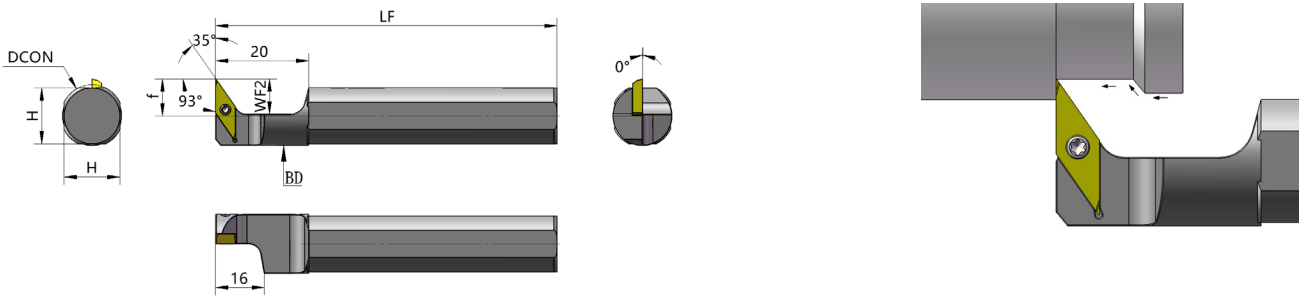


图示为右手  
Right hand shown

| 型号<br>Model       | 尺寸 Size |    |    |     |    |    | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert             |
|-------------------|---------|----|----|-----|----|----|----------------------|---------------|----------------|----------------------------|
|                   | H       | B  | HF | LF  | f  | f2 |                      |               |                |                            |
| SVJBR/L-1212JX-11 | 12      | 12 | 12 | 120 | 12 | 0  | 无 No                 | M2.5-6-T8     | T8-Q           | VB.T1103...<br>VB.W1103... |
| SVJBR/L-1616JX-11 | 16      | 16 | 16 |     | 16 |    |                      |               |                |                            |

S.....SVUB 刀杆 S.....SVUB Holder

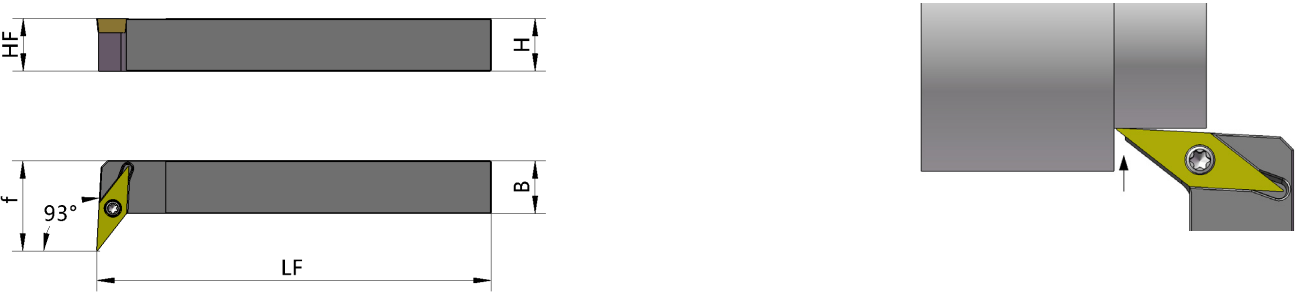
CUTOUTIL TOOLS  
Precision Cutting Tools



| 型号<br>Model    | 尺寸 Size |    |      |     |      |     | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert             |
|----------------|---------|----|------|-----|------|-----|----------------------|---------------|----------------|----------------------------|
|                | DCON    | H  | BD   | LF  | f    | WF2 |                      |               |                |                            |
| S19G-SVUBL11   | 19.05   | 17 | 18.4 | 90  | 10.5 | 8   | 无 No                 | M2.5-6-T8     | T8-Q           | VB.T1103...<br>VB.W1103... |
| S19K-SVUBL11   | 19.05   | 17 | 18.4 | 120 |      |     |                      |               |                |                            |
| S20G-SVUBL11   | 20      | 18 | 19.4 | 90  |      |     |                      |               |                |                            |
| S20K-SVUBL11   | 20      | 18 | 19.4 | 120 |      |     |                      |               |                |                            |
| S25.0H-SVUBL11 | 25      | 23 | 24.4 | 100 |      |     |                      |               |                |                            |
| S25K-SVUBL11   | 25.4    | 23 | 24.8 | 120 |      |     |                      |               |                |                            |

SVUB 刀杆 SVUB Holder

CUTOUTIL TOOLS  
Precision Cutting Tools

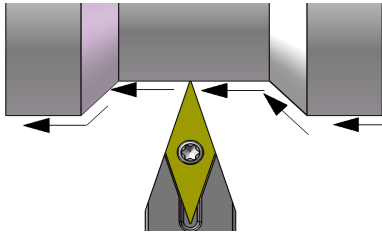
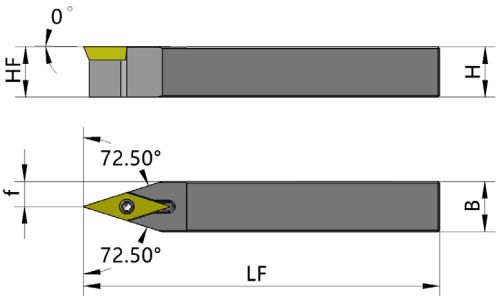


图示为右手  
Right hand shown

| 型号<br>Model      | 尺寸 Size |    |    |     |    | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|------------------|---------|----|----|-----|----|----------------------|---------------|----------------|----------------|
|                  | H       | B  | HF | LF  | f  |                      |               |                |                |
| SVUBR/L1010H-11  | 10      | 10 | 10 | 100 | 20 | 无 No                 | M2.5-6-T8     | T8-Q           | VB.T1103       |
| SVUBR/L1212JX-11 | 12      | 12 | 12 | 120 | 22 |                      |               |                |                |
| SVUBR/L1616JX-11 | 16      | 16 | 16 | 120 | 24 |                      |               |                |                |

SVVB 刀杆 SVVB Holder

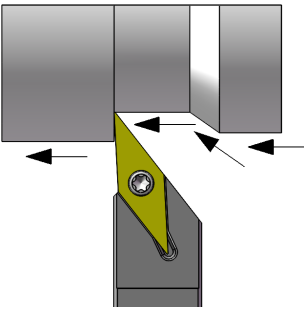
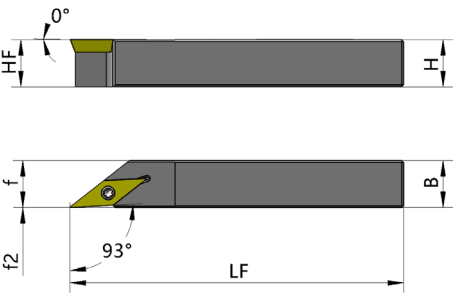
CUTOUTIL TOOLS  
Precision Cutting Tools



| 型号<br>Model    | 尺寸 Size |    |    |     |   | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert         |
|----------------|---------|----|----|-----|---|----------------------|---------------|----------------|------------------------|
|                | H       | B  | HF | LF  | f |                      |               |                |                        |
| SVVBN1010JX-11 | 10      | 10 | 10 | 120 | 5 | 无 No                 | M2.5-6-T8     | T8-Q           | VB.T1103…<br>VB.W1103… |
| SVVBN1212JX-11 | 12      | 12 | 12 | 120 | 6 |                      |               |                |                        |
| SVVBN1616JX-11 | 16      | 16 | 16 | 120 | 8 |                      |               |                |                        |

SVJC 刀杆 SVJC Holder

CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

| 型号<br>Model       | 尺寸 Size |    |    |     |    |    | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|-------------------|---------|----|----|-----|----|----|----------------------|---------------|----------------|----------------|
|                   | H       | B  | HF | LF  | f  | f2 |                      |               |                |                |
| SVJCR/L-1010H-11  | 10      | 10 | 10 | 100 | 10 | 0  | 无 No                 | M2.5-6-T8     | T8-Q           | VC.T1103…      |
| SVJCR/L-1212JX-11 | 12      | 12 | 12 | 120 | 12 |    |                      |               |                |                |
| SVJCR/L-1616JX-11 | 16      | 16 | 16 | 120 | 16 |    |                      |               |                |                |

VBGT/VCGT刀片 VBGT/VCGT Insert

CUTOUTIL TOOLS  
Precision Cutting Tools



兼顾锋利性和强度，适合不锈钢，钛合金，合金工具钢半精加工，精加工槽型。  
Both sharpness and strength,suitable for stainless,titanium,alloy tool steel semi-finishing,finishing geometry.  
刀尖精细化处理，匹配不同性能的涂层，满足不同工况的加工需求。  
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

VBGT/VCGT刀片 VBGT/VCGT Insert

CUTOUTIL TOOLS  
Precision Cutting Tools

|  |   |   |   |   |
|--|---|---|---|---|
|  | P |   | ▲ | ▲ |
|  | M | ▲ | ▲ | ▲ |
|  | K |   |   |   |
|  | N |   |   |   |
|  | S | ▲ |   |   |
|  | H |   |   |   |

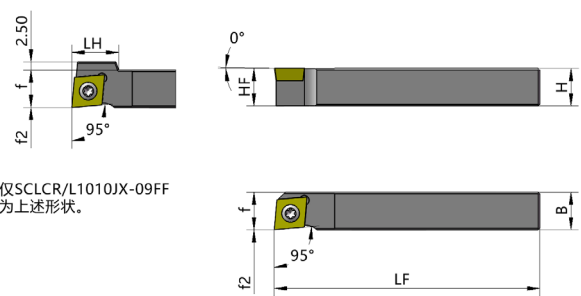
| 刀片形状<br>Shape | 刀片编号<br>Order number | 尺寸 Size (mm) |                 |      | 库存 Stock |        |        |
|---------------|----------------------|--------------|-----------------|------|----------|--------|--------|
|               |                      | 内接圆 IC       | 厚度<br>Thickness | 刀角 R | FH650M   | FH650T | FH550T |
|               | VBGT1103005MEN-SMF   | 6.35         | 3.18            | 0.05 | ●        |        | ●      |
|               | VBGT110301MEN-SMF    |              |                 | <0.1 | ●        |        | ●      |
|               | VBGT110302MEN-SMF    |              |                 | <0.2 | ●        |        | ●      |
|               | VBGT110304MEN-SMF    |              |                 | <0.4 | ●        |        | ●      |
|               | VCGT1103005MEN-SMF   |              |                 | 0.05 | ●        |        | ●      |
|               | VCGT110301MEN-SMF    |              |                 | <0.1 | ●        |        | ●      |
|               | VCGT110302MEN-SMF    |              |                 | <0.2 | ●        |        | ●      |
|               | VCGT110304MEN-SMF    |              |                 | <0.4 | ●        |        | ●      |

| 刀片形状<br>Shape | 刀片编号<br>Order number | 尺寸 Size (mm) |                 |      | 库存 Stock |        |        |
|---------------|----------------------|--------------|-----------------|------|----------|--------|--------|
|               |                      | 内接圆 IC       | 厚度<br>Thickness | 刀角 R | FH650M   | FH650T | FH550T |
|               | VBGT110300FN-GS      | 6.35         | 3.18            | 0.03 |          |        |        |
|               | VBGT110301FN-GS      |              |                 | 0.1  |          |        | ●      |
|               | VBGT110302FN-GS      |              |                 | 0.2  |          |        | ●      |
|               | VBGT110304FN-GS      |              |                 | 0.4  |          |        | ●      |
|               | VCGT110300FN-GS      | 6.35         | 3.18            | 0.03 |          |        |        |
|               | VCGT110301FN-GS      |              |                 | 0.1  |          |        |        |
|               | VCGT110302FN-GS      |              |                 | 0.2  |          |        |        |
|               | VCGT110304FN-GS      |              |                 | 0.4  |          |        |        |

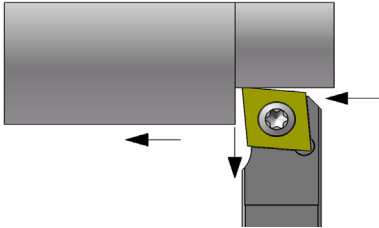
| 刀片形状<br>Shape | 刀片编号<br>Order number | 尺寸 Size (mm) |                 |      | 库存 Stock |        |        |
|---------------|----------------------|--------------|-----------------|------|----------|--------|--------|
|               |                      | 内接圆 IC       | 厚度<br>Thickness | 刀角 R | FH650M   | FH650T | FH550T |
|               | VCGT110301M-YL       | 6.35         | 3.18            | 0.08 | ●        | ●      | ●      |
|               | VCGT110302M-YL       |              |                 | 0.18 | ●        | ●      | ●      |
|               | VCGT110304M-YL       |              |                 | 0.38 | ●        | ●      | ●      |

SCLC 刀杆 SCLC Holder

CUTOUTIL TOOLS  
Precision Cutting Tools



仅SCLCR/L1010JX-09FF  
为上述形状。

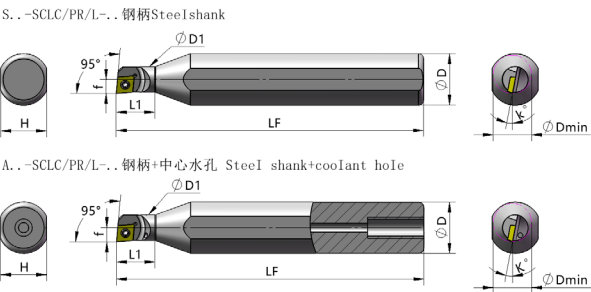


图示为右手  
Right hand shown

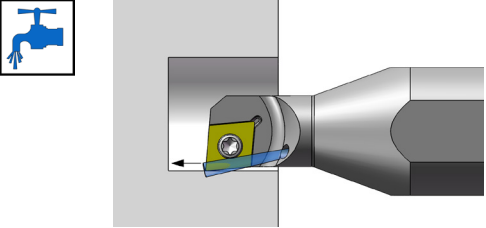
| 型号<br>Model      | 尺寸 Size |    |    |    |     |    |    | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert             |
|------------------|---------|----|----|----|-----|----|----|----------------------|---------------|----------------|----------------------------|
|                  | H       | B  | LH | HF | LF  | f  | f2 |                      |               |                |                            |
| SCLCR/L0808H-06  | 8       | 8  | -  | 8  | 100 | 8  | 0  | 无 No                 | M2.5-6-T8     | T8-Q           | CC.T0602...<br>CC.W0602... |
| SCLCR/L1010H-06  | 10      | 10 |    | 10 | 100 | 10 |    |                      |               |                |                            |
| SCLCR/L1010H-09  | 10      | 10 |    | 10 | 100 | 10 |    |                      | M4-10-T15     | T15-Q          | CC.T09T3...<br>CC.W09T3... |
| SCLCR/L1212JX-09 | 12      | 12 |    | 12 | 120 | 12 |    |                      |               |                |                            |
| SCLCR/L1616JX-09 | 16      | 16 |    | 16 | 120 | 16 |    |                      |               |                |                            |

S.....SCLC 刀杆 S.....SCLC Holder

CUTOUTIL TOOLS  
Precision Cutting Tools



A.....SCLC/PR/L..... 钢柄+中心水孔 Steel shank+coolant hole



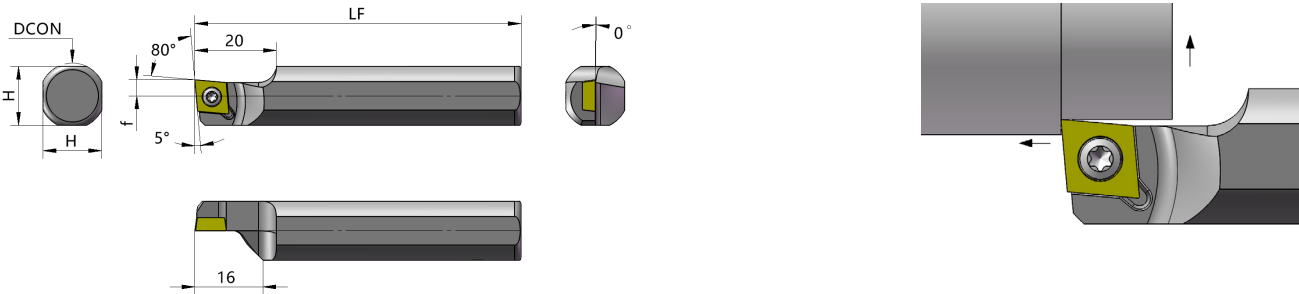
图示为右手  
Right hand shown

| 型号<br>Model           | 尺寸 Size |    |     |    |     |    |    |      | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|-----------------------|---------|----|-----|----|-----|----|----|------|----------------------|---------------|----------------|----------------|
|                       | D       | D1 | LF  | L1 | f   | H  | K  | Dmin |                      |               |                |                |
| S1607K-SCLCR/L-06-L20 | 16      | 7  | 125 | 20 | 4   | 15 | 13 | 8    | 无 No                 | M2.5-6-T8     | T8-Q           | CC..0602..     |
| S1608K-SCLCR/L-06-L20 | 16      | 8  | 125 | 20 | 4.5 | 15 | 11 | 9    |                      |               |                |                |
| S1608K-SCLCR/L-06-L25 | 16      | 8  | 125 | 25 | 4.5 | 15 | 11 | 9    |                      |               |                |                |
| S1609K-SCLCR/L-06-L25 | 16      | 9  | 125 | 25 | 5   | 15 | 11 | 10   |                      |               |                |                |
| A1607K-SCLCR/L-06-L20 | 16      | 7  | 125 | 20 | 4   | 15 | 13 | 8    | 有 Yes                | M2.5-6-T8     | T8-Q           | CC..0602..     |
| A1608K-SCLCR/L-06-L20 | 16      | 8  | 125 | 20 | 4.5 | 15 | 11 | 9    |                      |               |                |                |
| A1608K-SCLCR-06-L25   | 16      | 8  | 125 | 25 | 4.5 | 15 | 11 | 9    |                      |               |                |                |
| A1609K-SCLCR/L-06-L25 | 16      | 9  | 125 | 25 | 5   | 15 | 11 | 10   |                      |               |                |                |

S.....SCLC 刀杆 S.....SCLC Holder

CUTOUTIL TOOLS

Precision Cutting Tools



| 型号<br>Model    | 尺寸 Size |    |      |     |    | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert             |                            |
|----------------|---------|----|------|-----|----|----------------------|---------------|----------------|----------------------------|----------------------------|
|                | DCON    | H  | BD   | LF  | f  |                      |               |                |                            |                            |
| S12F-SCLCL06   | 12      | 11 | 13.4 | 80  | 6  | 无 No                 | M2.5-6-T8     | T8-Q           | CC.T0602...<br>CC.W0602... |                            |
| S14H-SCLCL06   | 14      | 13 | 13.4 | 100 |    |                      |               |                |                            |                            |
| S15F-SCLCL06   | 15.875  | 15 | 15.4 | 85  |    |                      |               |                |                            |                            |
| S16F-SCLCL06   | 16      | 15 | 15.4 | 85  |    |                      |               |                |                            |                            |
| S19G-SCLCL06   | 19.05   | 17 | 18.4 | 90  |    |                      |               |                |                            |                            |
| S19K-SCLCL06   | 19.05   | 17 | 18.4 | 120 |    |                      |               |                |                            |                            |
| S20G-SCLCL06   | 20      | 18 | 19.4 | 90  |    |                      |               |                |                            |                            |
| S20K-SCLCL06   | 20      | 18 | 19.4 | 120 |    |                      |               |                |                            |                            |
| S19G-SCLCL09   | 19.05   | 17 | 18.4 | 90  | 10 |                      | 无 No          | M4-8-T15       | T15-Q                      | CC.T09T3...<br>CC.W09T3... |
| S19K-SCLCL09   | 19.05   | 17 | 18.4 | 120 |    |                      |               |                |                            |                            |
| S20G-SCLCL09   | 20      | 18 | 19.4 | 90  |    |                      |               |                |                            |                            |
| S20K-SCLCL09   | 20      | 18 | 19.4 | 120 |    |                      |               |                |                            |                            |
| S25.0H-SCLCL09 | 25      | 23 | 24.4 | 100 |    |                      |               |                |                            |                            |
| S25K-SCLCL09   | 25.4    | 23 | 24.8 | 120 |    |                      |               |                |                            |                            |

CCGT刀片 CCGT Insert

CUTOUTIL TOOLS

Precision Cutting Tools



兼顾锋利性和强度，适合不锈钢，钛合金，合金工具钢半精加工，精加工槽型。  
Both sharpness and strength,suitable for stainless,titanium,alloy tool steel semi-finishing,finishing geometry.  
刀尖精细化处理，匹配不同性能的涂层，满足不同工况的加工需求。  
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

|   |   |   |
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| S | ▲ |   |
| H |   |   |

| 形状<br>Shape | 刀片型号<br>Order number |               | 尺寸 Size (mm) |              |       | 库存 Stock |        |
|-------------|----------------------|---------------|--------------|--------------|-------|----------|--------|
|             |                      |               | 内接圆 IC       | 厚度 Thickness | 刀角 R  | FH650M   | FH550T |
|             | CCGT                 | 060201EN-SMF  | 6.35         | 2.38         | <0.1  | ●        | ●      |
|             |                      | 060202EN-SMF  | 6.35         | 2.38         | <0.2  | ●        | ●      |
|             |                      | 060204EN-SMF  | 6.35         | 2.38         | <0.4  | ●        | ●      |
|             |                      | 09T3005EN-SMF | 9.525        | 3.97         | <0.05 | ●        | ●      |
|             |                      | 09T301EN-SMF  | 9.525        | 3.97         | <0.1  | ●        | ●      |
|             |                      | 09T302EN-SMF  | 9.525        | 3.97         | <0.2  | ●        | ●      |
|             |                      | 09T304EN-SMF  | 9.525        | 3.97         | <0.4  | ●        | ●      |

## CCGT刀片 CCGT Insert

## CUTOUTIL TOOLS

## Precision Cutting Tools

|   |   |   |   |
|---|---|---|---|
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| M | ▲ | ▲ | ▲ |
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| H |   |   |   |

| 序号<br>Serial<br>number | 刀片编号<br>Order number | 尺寸 Size (mm) |              |      | 库存 Stock |        |        |
|------------------------|----------------------|--------------|--------------|------|----------|--------|--------|
|                        |                      | 内接圆 IC       | 厚度 Thickness | 刀角 R | FH650T   | FH550T | FH350S |
| 1                      | CCGT060201MEN-SMF    | 6.35         | 2.38         | 0.1  |          | ●      |        |
| 2                      | CCGT060202MEN-SMF    |              |              | 0.2  |          | ●      |        |
| 3                      | CCGT060204MEN-SMF    |              |              | 0.4  |          | ●      |        |
| 4                      | CCGT09T3005MEN-SMF   | 9.525        | 3.97         | 0.05 |          | ●      |        |
| 5                      | CCGT09T301MEN-SMF    |              |              | 0.1  |          | ●      |        |
| 6                      | CCGT09T302MEN-SMF    |              |              | 0.2  |          | ●      |        |
| 7                      | CCGT09T304MEN-SMF    |              |              | 0.4  |          | ●      |        |

### 内孔刀片 Inner hole blade

|   |   |   |   |
|---|---|---|---|
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| M | ▲ | ▲ | ▲ |
| K |   |   |   |
| N |   |   |   |
| S |   |   |   |
| H |   |   |   |

| 刀片形状<br>Shape                                                                       | 刀片编号<br>Order number | 尺寸 Size (mm) |                 |      | 库存 Stock |        |        |
|-------------------------------------------------------------------------------------|----------------------|--------------|-----------------|------|----------|--------|--------|
|                                                                                     |                      | 内接圆 IC       | 厚度<br>Thickness | 刀角 R | FH650T   | FH550T | FH350S |
|  | CCGT030101MEL-F      | 3.5          | 1.4             | <0.1 |          |        | ●      |
|                                                                                     | CCGT030102MEL-F      |              |                 | <0.2 |          |        | ●      |
|                                                                                     | CCGT030104MEL-F      |              |                 | <0.4 |          |        | ●      |
|                                                                                     | CCGT040101MEL-F      | 4.3          | 1.8             | <0.1 |          |        | ●      |
|                                                                                     | CCGT040102MEL-F      |              |                 | <0.2 |          |        | ●      |
|                                                                                     | CCGT040104MEL-F      |              |                 | <0.4 |          |        | ●      |

| 刀片形状<br>Shape                                                                       | 刀片编号<br>Order number | 尺寸 Size (mm) |                 |      | 库存 Stock |        |        |
|-------------------------------------------------------------------------------------|----------------------|--------------|-----------------|------|----------|--------|--------|
|                                                                                     |                      | 内接圆 IC       | 厚度<br>Thickness | 刀角 R | FH650T   | FH550T | FH350S |
|  | CCGT09T301M-YL       | 9.525        | 3.97            | 0.08 | ●        |        |        |
|                                                                                     | CCGT09T302M-YL       |              |                 | 0.18 | ●        |        |        |
|                                                                                     | CCGT09T304M-YL       |              |                 | 0.38 | ●        |        |        |

TBP.....IC 刀杆 TBP.....IC Holder

## CUTOUTIL TOOLS

## Precision Cutting Tools



图示为右手

Right hand shown

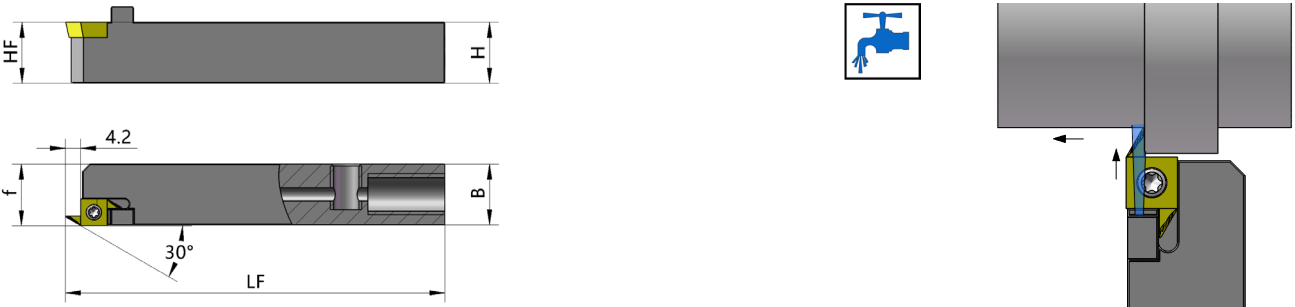
| 型号<br>Model    | 尺寸 Size |    |     |    |     |     |    |    | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|----------------|---------|----|-----|----|-----|-----|----|----|----------------------|---------------|----------------|----------------|
|                | H       | B  | LF  | HF | HBH | f   | L3 | L2 |                      |               |                |                |
| TBPR/L1012H-IC | 10      | 12 | 100 | 10 | 4   | 3.5 | 75 | 19 | 有 Yes                | M4-10-T15     | T15-Q          | TBP            |
| TBPR/L12H-IC   | 12      | 12 | 100 | 12 | 2   | 3.5 | 75 | 10 |                      |               |                |                |
| TBPR/L16H-IC   | 16      | 16 | 100 | 16 | 0   | 3.5 | 75 | 0  |                      |               |                |                |

SABS 刀杆 SABS Holder



图示为右手  
Right hand shown

| 型号<br>Model       | 尺寸 Size |    |    |     |      | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|-------------------|---------|----|----|-----|------|----------------------|---------------|----------------|----------------|
|                   | H       | B  | HF | LF  | f    |                      |               |                |                |
| SABSR/L0810H-40F  | 8       | 10 | 8  | 100 | 10.2 | 无 No                 | M3-8-T10      | T10-Q          | ABS15R40..     |
| SABSR/L1010H-40F  | 10      | 10 | 10 | 100 | 10.2 |                      |               |                |                |
| SABSR/L1212JX-40F | 12      | 12 | 12 | 120 | 12.2 |                      |               |                |                |
| SABSR/L1616JX-40F | 16      | 16 | 16 | 120 | 16.2 |                      |               |                |                |
| SABSR/L2020K-40F  | 20      | 20 | 20 | 125 | 20.2 |                      |               |                |                |



| 型号<br>Model       | 尺寸 Size |    |    |     |      | 冷却孔<br>Inner cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|-------------------|---------|----|----|-----|------|----------------------|---------------|----------------|----------------|
|                   | H       | B  | HF | LF  | f    |                      |               |                |                |
| SABSR1010H-40F-IC | 10      | 10 | 10 | 100 | 10.2 | 有 Yes                | M3-8-T10      | T10-Q          | ABS15R40..     |
| SABSR1212H-40F-IC | 12      | 12 | 12 | 100 | 12.2 |                      |               |                |                |
| SABSR1616H-40F-IC | 16      | 16 | 16 | 100 | 16.2 |                      |               |                |                |
| SABSR2020H-40F-IC | 20      | 20 | 20 | 100 | 20.2 |                      |               |                |                |

后扫刀片 Back turning



兼顾锋利性和大范围切屑处理能力, 适用范围广。  
Both sharpness and a wide range of chip handing capacity,a wide range of applications.  
刀尖精细化处理, 匹配不同性能的涂层, 满足不同工况的加工需求。  
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

|   |   |   |   |
|---|---|---|---|
| P |   | ▲ | ▲ |
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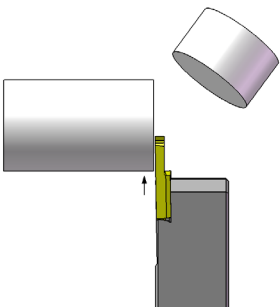
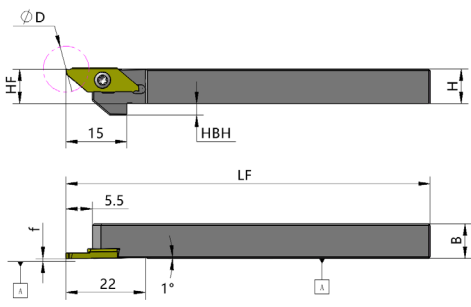
| 形状<br>Shape | 刀片型号<br>Order number |           | 尺寸 Size (mm) |              |       | 库存 Stock |        |        |
|-------------|----------------------|-----------|--------------|--------------|-------|----------|--------|--------|
|             |                      |           | 内接圆 IC       | 厚度 Thickness | 刀角 R  | FH650M   | FH350S | FH550T |
|             | ABS                  | 15FR4005  | 7.0          | 3.97         | 0.05  | ●        |        | ●      |
|             |                      | 15FR4015  | 7.0          | 3.97         | 0.15  | ●        |        | ●      |
|             |                      | 15FR4005M | 7.0          | 3.97         | <0.05 | ●        |        | ●      |
|             |                      | 15FR4015M | 7.0          | 3.97         | <0.15 | ●        |        | ●      |

| 形状<br>Shape | 刀片型号<br>Order number |        | 尺寸 Size (mm) |              |       | 库存 Stock |        |        |
|-------------|----------------------|--------|--------------|--------------|-------|----------|--------|--------|
|             |                      |        | 内接圆 IC       | 厚度 Thickness | 刀角 R  | FH650M   | FH350S | FH550T |
|             | TBP                  | 60FR00 | 8            | 2.5          | 0.00  | ●        |        | ●      |
|             |                      | 60FR05 | 8            | 2.5          | <0.05 | ●        |        | ●      |
|             |                      | 60FR10 | 8            | 2.5          | <0.10 | ●        |        | ●      |

| 刀片形状<br>Shape | 刀片编号<br>Order number | 尺寸 Size (mm) |              |       | 库存 Stock |        |        |
|---------------|----------------------|--------------|--------------|-------|----------|--------|--------|
|               |                      | 内接圆 IC       | 厚度 Thickness | 刀角 R  | FH650M   | FH350S | FH550T |
|               | ABS15ER4005-SA       | 7.0          | 3.97         | 0.05  |          | ●      |        |
|               | ABS15ER4010-SA       |              |              | 0.10  |          | ●      |        |
|               | ABS15ER4015-SA       |              |              | 0.15  |          | ●      |        |
|               | ABS15ER4020-SA       |              |              | 0.20  |          | ●      |        |
|               | ABS15ER4005M-SA      |              |              | <0.05 |          | ●      |        |
|               | ABS15ER4015M-SA      |              |              | <0.15 |          | ●      |        |

CTP 刀杆 CTP Holder

CUTOUTIL TOOLS  
Precision Cutting Tools

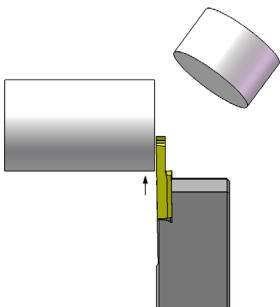
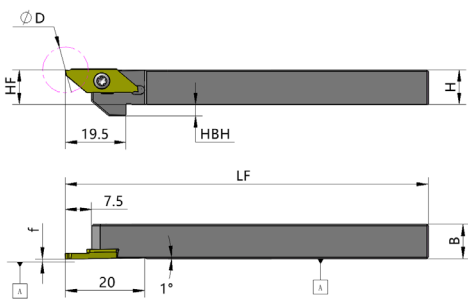


图示为右手  
Right hand shown

| 型号<br>Model | 最大切断<br>Cut-off Dia Max | 尺寸 Size |    |     |    |     |   | 冷却孔<br>Inner<br>cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|-------------|-------------------------|---------|----|-----|----|-----|---|-------------------------|---------------|----------------|----------------|
|             | Ø D                     | H       | B  | LF  | HF | HBH | f |                         |               |                |                |
| CTPR/L08    | 12                      | 8       | 10 | 100 | 8  | 4   | 0 | 无 No                    | M4-10-T15     | T15-Q          | CTP            |
| CTPR/L10    |                         | 10      | 10 | 100 | 10 | 2   |   |                         |               |                |                |
| CTPR/L12    |                         | 12      | 12 | 120 | 12 | 0   |   |                         |               |                |                |
| CTPR/L16    |                         | 16      | 16 | 120 | 16 | 0   |   |                         |               |                |                |

CTPA 刀杆 CTPA Holder

CUTOUTIL TOOLS  
Precision Cutting Tools

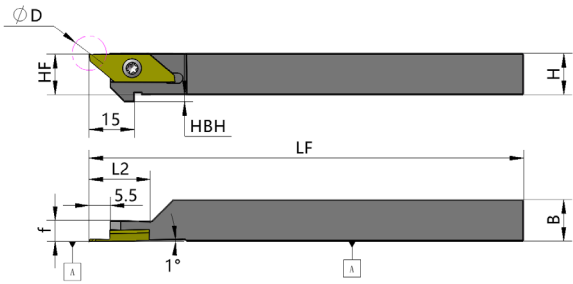


图示为右手  
Right hand shown

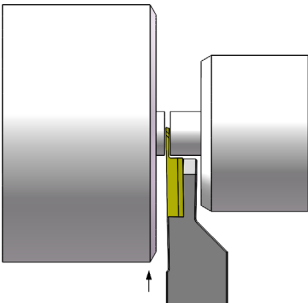
| 型号<br>Model | 最大切断<br>Cut-off Dia Max | 尺寸 Size |    |     |    |     |   | 冷却孔<br>Inner<br>cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|-------------|-------------------------|---------|----|-----|----|-----|---|-------------------------|---------------|----------------|----------------|
|             | Ø D                     | H       | B  | LF  | HF | HBH | f |                         |               |                |                |
| CTPAR/L10   | 16                      | 10      | 10 | 100 | 10 | 2   | 0 | 无 No                    | M4-10-T15     | T15-Q          | CTPA           |
| CTPAR/L12   |                         | 12      | 12 | 120 | 12 | 0   |   |                         |               |                |                |
| CTPAR/L16   |                         | 16      | 16 | 120 | 16 | 0   |   |                         |               |                |                |

CTP.....SUB 刀杆 CTP.....SUB Holder

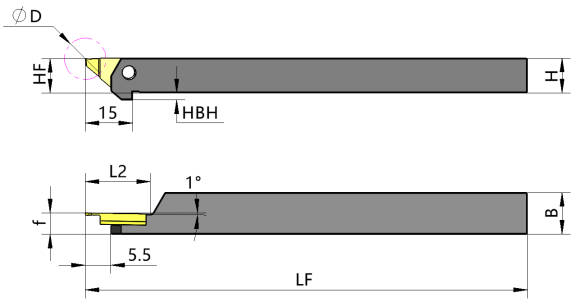
CUTOUTIL TOOLS  
Precision Cutting Tools



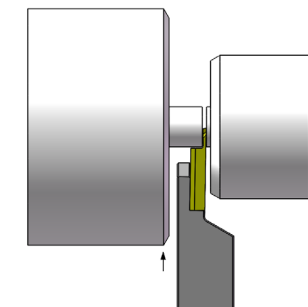
本图为右手刀(R)



| 型号<br>Model | 最大切断<br>Cut-off Dia Max | 尺寸 Size |    |     |    |     |    |     | 冷却孔<br>Inner<br>cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|-------------|-------------------------|---------|----|-----|----|-----|----|-----|-------------------------|---------------|----------------|----------------|
|             | Ø D                     | H       | B  | LF  | HF | HBH | L2 | f   |                         |               |                |                |
| CTPR08-SUB  | 12                      | 8       | 8  | 100 | 8  | 4   | 16 | 5.5 | 无 No                    | M4-5-T15      | T15-Q          | CTP            |
| CTPR10-SUB  |                         | 10      | 10 | 100 | 10 | 2   | 16 |     |                         |               |                |                |
| CTPR12-SUB  |                         | 12      | 12 | 120 | 12 | 0   | 16 |     |                         |               |                |                |
| CTPR16-SUB  |                         | 16      | 16 | 120 | 16 | 0   | 16 |     |                         |               |                |                |



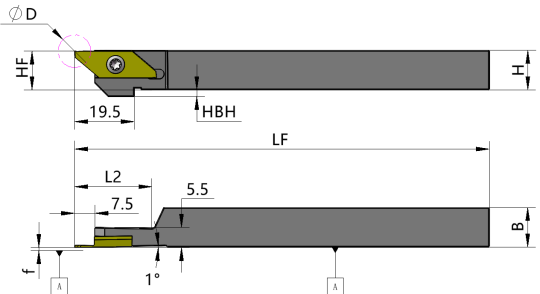
本图为左手刀 (L)



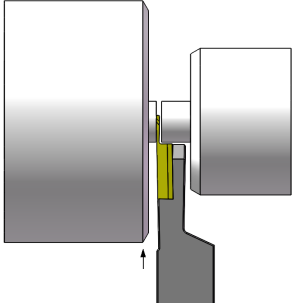
| 型号<br>Model | 最大切断<br>Cut-off Dia Max | 尺寸 Size |    |     |    |     |    |     | 冷却孔<br>Inner<br>cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|-------------|-------------------------|---------|----|-----|----|-----|----|-----|-------------------------|---------------|----------------|----------------|
|             | Ø D                     | H       | B  | LF  | HF | HBH | L2 | f   |                         |               |                |                |
| CTPL08-SUB  | 12                      | 8       | 8  | 100 | 8  | 4   | 16 | 5.5 | 无 No                    | M4-5-T15      | T15-Q          | CTP            |
| CTPL10-SUB  |                         | 10      | 10 | 100 | 10 | 2   | 16 |     |                         |               |                |                |
| CTPL12-SUB  |                         | 12      | 12 | 120 | 12 | 0   | 16 |     |                         |               |                |                |
| CTPL16-SUB  |                         | 16      | 16 | 120 | 16 | 0   | 16 |     |                         |               |                |                |

CTPA.....SUB 刀杆 CTPA.....SUB Holder

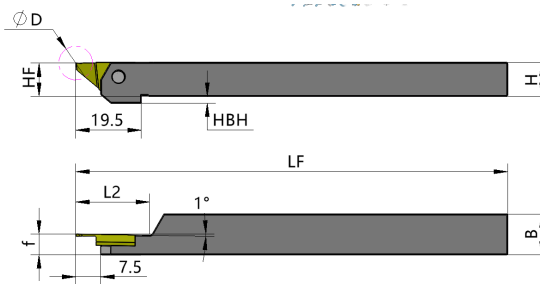
CUTOUTIL TOOLS  
Precision Cutting Tools



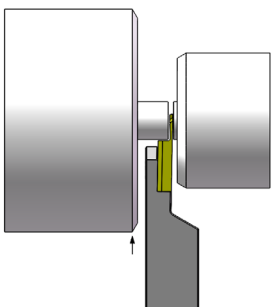
本图为右手刀(R)



| 型号<br>Model | 最大切断<br>Cut-off Dia Max | 尺寸 Size |    |     |    |     |    |   | 冷却孔<br>Inner<br>cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|-------------|-------------------------|---------|----|-----|----|-----|----|---|-------------------------|---------------|----------------|----------------|
|             | Ø D                     | H       | B  | LF  | HF | HBH | L2 | f |                         |               |                |                |
| CTPAR10-SUB | 16                      | 10      | 10 | 100 | 10 | 2   | 20 | 0 | 无 No                    | M4-5-T15      | T15-Q          | CTPA           |
| CTPAR12-SUB |                         | 12      | 12 | 120 | 12 | 0   | 20 |   |                         |               |                |                |
| CTPAR16-SUB |                         | 16      | 16 | 120 | 16 | 0   | 28 |   |                         |               |                |                |



本图为左手刀 (L)



| 型号<br>Model | 最大切断<br>Cut-off Dia Max | 尺寸 Size |    |     |    |     |    |     | 冷却孔<br>Inner<br>cooling | 螺钉 /<br>Screw | 扳手 /<br>Wrench | 刀片 /<br>Insert |
|-------------|-------------------------|---------|----|-----|----|-----|----|-----|-------------------------|---------------|----------------|----------------|
|             | Ø D                     | H       | B  | LF  | HF | HBH | L2 | f   |                         |               |                |                |
| CTPAL10-SUB | 16                      | 10      | 10 | 100 | 10 | 2   | 20 | 5.5 | 无 No                    | M4-5-T15      | T15-Q          | CTPA           |
| CTPAL12-SUB |                         | 12      | 12 | 120 | 12 | 0   | 20 |     |                         |               |                |                |
| CTPAL16-SUB |                         | 16      | 16 | 120 | 16 | 0   | 28 |     |                         |               |                |                |

切断刀片 Parting off

CUTOUTIL TOOLS  
Precision Cutting Tools



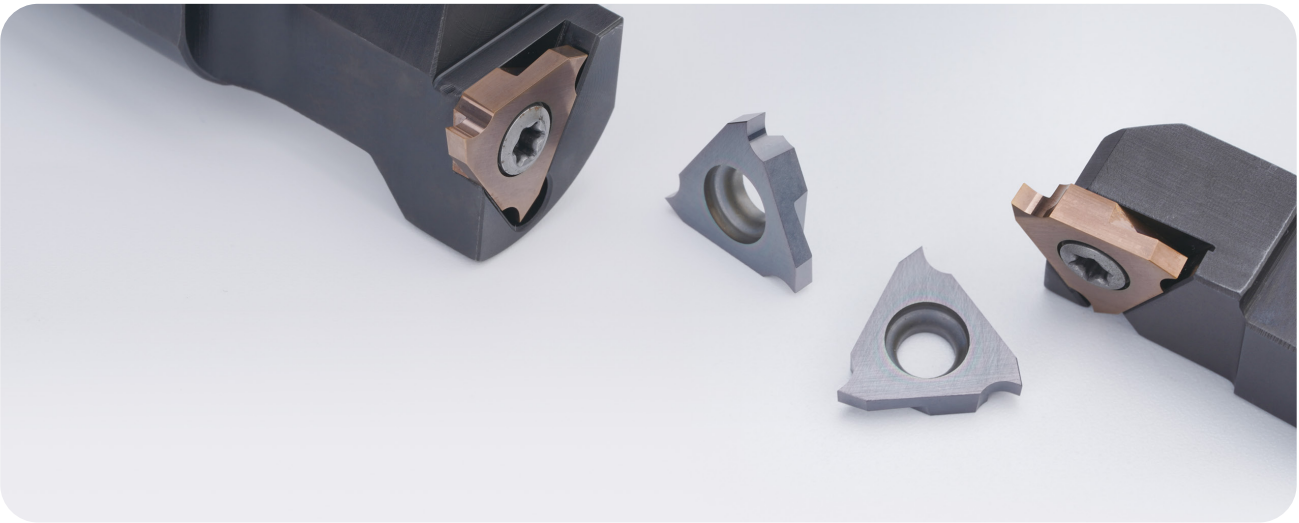
兼顾锋利性和大范围切屑处理能力，适用范围广。  
Both sharpness and a wide range of chip handling capacity,a wide range of applications.  
刀尖精细化处理，匹配不同性能的涂层，满足不同工况的加工需求。  
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

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| H |   |   |

| 形状<br>Shape | 刀片型号<br>Order number | 尺寸 Size (mm) |             |      | 库存 Stock |        |
|-------------|----------------------|--------------|-------------|------|----------|--------|
|             |                      | 切削宽度 W       | 最大切削深度 Tmax | 刀角 R | FH350S   | FH550T |
|             | CTP07FR/L-U          | 0.70         | 4.5         | 0.04 | ●        | ●      |
|             | CTP10FR/L-SHU        | 1.00         | 4.1         | 0.05 | ●        | ●      |
|             | CTP10FR/L-U          | 1.00         | 6.7         | 0.05 | ●        | ●      |
|             | CTP15FR/L-U          | 1.50         | 6.7         | 0.08 | ●        | ●      |
|             | CTP20FR/L-U          | 2.00         | 6.7         | 0.08 | ●        | ●      |
|             | CTP10FR/LN-SHU       | 1.00         | 4.1         | 0.05 | ●        | ●      |
|             | CTP10FR/LN-U         | 1.00         | 6.7         | 0.05 | ●        | ●      |
|             | CTP15FR/LN-U         | 1.50         | 6.7         | 0.08 | ●        | ●      |
|             | CTP20FR/LN-U         | 2.00         | 6.7         | 0.08 | ●        | ●      |
|             | CTPA10FR/L-U         | 1.00         | 6.7         | 0.05 |          | ●      |
|             | CTPA15FR/L-U         | 1.50         | 9.2         | 0.08 |          | ●      |
|             | CTPA20FR/L-U         | 2.00         | 9.2         | 0.08 |          | ●      |
|             | CTPA07FR/LN-U        | 0.70         | 4.5         | 0.05 |          | ●      |
|             | CTPA10FR/LN-U        | 1.00         | 6.7         | 0.05 |          | ●      |
|             | CTPA15FR/LN-U        | 1.50         | 9.2         | 0.08 |          | ●      |
|             | CTPA20FR/LN-U        | 2.00         | 9.2         | 0.08 |          | ●      |

浅槽刀片 Grooving

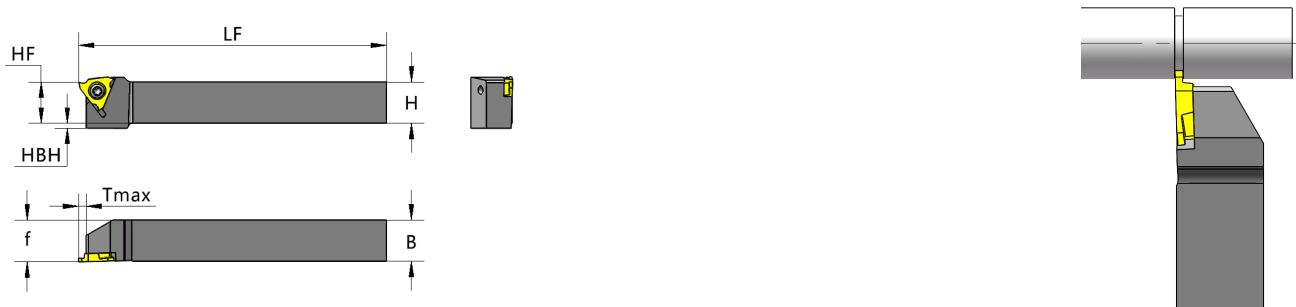
CUTOUTIL TOOLS  
Precision Cutting Tools



兼顾锋利性和大范围切屑处理能力，适用范围广。  
Both sharpness and a wide range of chip handling capacity,a wide range of applications.  
刀尖精细化处理，匹配不同性能的涂层，满足不同工况的加工需求。  
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

浅槽刀片 Grooving

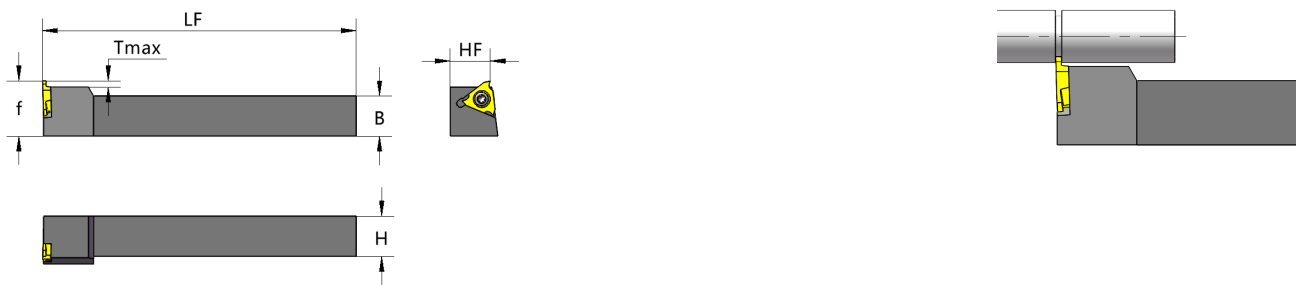
CUTOUTIL TOOLS  
Precision Cutting Tools



图示为右手  
Right hand shown

●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks

| 型号 Order Number  | B  | H  | HF | HBH | f  | LF  | Tmax | 库存 Stock |
|------------------|----|----|----|-----|----|-----|------|----------|
| RTH309.1010.01   | 10 | 10 | 10 | 2   | 10 | 120 | 2.5  | ○        |
| R/LTH309.1212.01 | 12 | 12 | 12 | 0   | 12 | 120 | 2.5  | ● / ●    |
| R/LTH309.1616.01 | 16 | 16 | 16 | 0   | 16 | 120 | 2.5  | ● / ●    |
| R/LTH309.2020.01 | 20 | 20 | 20 | 0   | 20 | 120 | 2.5  | ● / ●    |
| RTH309.2525.01   | 25 | 25 | 25 | 0   | 25 | 125 | 2.5  | ●        |



图示为左手  
Left hand shown

●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks

| 型号 Order Number   | B  | H  | HF | f  | LF  | Tmax | 库存 Stock |
|-------------------|----|----|----|----|-----|------|----------|
| R/LTH309.1212.01L | 12 | 12 | 12 | 12 | 120 | 2.5  | ● / ●    |
| R/LTH309.1616.01L | 16 | 16 | 16 | 16 | 125 | 2.5  | ● / ●    |
| RTH309.2020.01L   | 20 | 20 | 20 | 20 | 125 | 2.5  | ●        |

浅槽刀片 Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



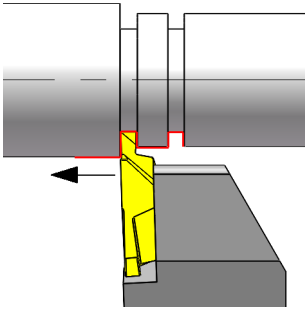
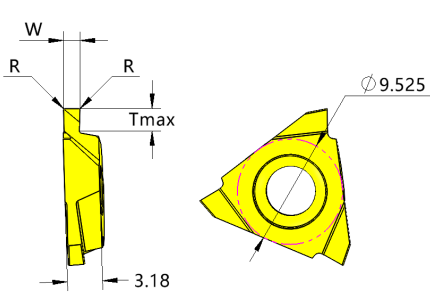
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number | W    | Tmax | R     | 库存 Stock |        |
|-----------------|------|------|-------|----------|--------|
|                 |      |      |       | FH350S   | FH550T |
| RT309.G030.005M | 0.30 | 0.8  | <0.05 | ●        | ●      |
| RT309.G050.005M | 0.50 | 1.2  | <0.05 | ●        | ●      |
| RT309.G060.005M | 0.60 | 1.5  | <0.05 | ●        | ●      |
| RT309.G065.005M | 0.65 | 1.5  | <0.05 | ●        | ●      |
| RT309.G070.005M | 0.70 | 1.5  | <0.05 | ●        | ●      |
| RT309.G075.005M | 0.75 | 2.0  | <0.05 | ●        | ●      |
| RT309.G080.005M | 0.80 | 2.0  | <0.05 | ●        | ●      |
| RT309.G090.005M | 0.90 | 2.0  | <0.05 | ●        | ●      |
| RT309.G095.010  | 0.95 | 2.0  | 0.10  | ●        | ●      |
| RT309.G100.010  | 1.00 | 2.0  | 0.10  | ●        | ●      |
| RT309.G120.010  | 1.20 | 2.0  | 0.10  | ●        | ●      |
| RT309.G125.010  | 1.25 | 2.0  | 0.10  | ●        | ●      |
| RT309.G150.010  | 1.50 | 2.0  | 0.10  | ●        | ●      |
| RT309.G200.010  | 2.00 | 2.5  | 0.10  | ●        | ●      |
| RT309.G250.010  | 2.50 | 3.0  | 0.10  | ●        | ●      |

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浅槽刀片 Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



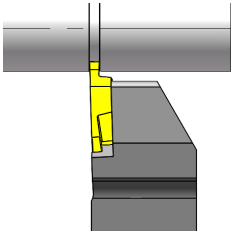
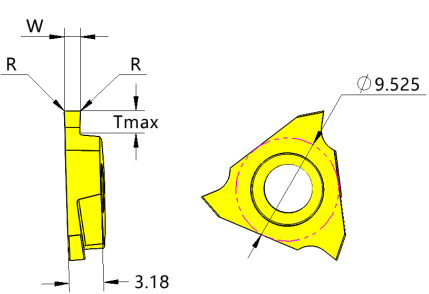
●: 库存品 on stock    ●: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

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| 型号 Order Number   | W    | Tmax | R     | 库存 Stock |        |
|-------------------|------|------|-------|----------|--------|
|                   |      |      |       | FH350S   | FH550T |
| RT309.G100MX.003M | 1.00 | 2.5  | <0.03 |          | ●      |
| RT309.G100MX.005M | 1.00 | 2.5  | <0.05 |          | ●      |
| RT309.G100MX.010  | 1.00 | 2.5  | 0.08  |          | ●      |
| RT309.G150MX.005M | 1.50 | 2.5  | <0.05 |          | ●      |
| RT309.G150MX.008  | 1.50 | 2.5  | 0.08  |          | ●      |
| RT309.G150MX.015  | 1.50 | 2.5  | 0.15  |          | ●      |
| RT309.G200MX.005  | 2.00 | 2.5  | 0.05  |          | ●      |
| RT309.G200MX.010  | 2.00 | 2.5  | 0.10  |          | ●      |
| RT309.G200MX.020  | 2.00 | 2.5  | 0.20  |          | ●      |

浅槽刀片 Grooving

CUTOUTIL TOOLS  
Precision Cutting Tools



小前角  
Smaller rake angle

●: 库存品 on stock    ●: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

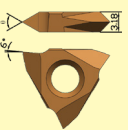
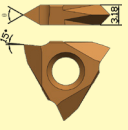
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| 型号 Order Number  | W    | Tmax | R    | 库存 Stock |        |
|------------------|------|------|------|----------|--------|
|                  |      |      |      | FH350S   | FH550T |
| RT309.G050EV.005 | 0.50 | 1.2  | 0.05 |          | ●      |
| RT309.G060EV.005 | 0.60 | 1.5  | 0.05 |          | ●      |
| RT309.G075EV.010 | 0.75 | 2.0  | 0.10 |          | ●      |
| RT309.G095EV.010 | 0.95 | 2.0  | 0.10 |          | ●      |
| RT309.G100EV.005 | 1.00 | 2.0  | 0.05 |          | ●      |
| RT309.G100EV.010 | 1.00 | 2.0  | 0.10 |          | ●      |
| RT309.G120EV.010 | 1.20 | 2.0  | 0.10 |          | ●      |
| RT309.G150EV.010 | 1.50 | 2.0  | 0.10 |          | ●      |
| RT309.G200EV.010 | 2.00 | 2.5  | 0.10 |          | ●      |
| RT309.G250EV.010 | 2.50 | 2.5  | 0.10 |          | ●      |

螺纹刀片 Threaded blade

CUTOUTIL TOOLS  
Precision Cutting Tools

●: 库存品 on stock   ●: 1周 1week   ○: 3周 3weeks  
▲: 首选推荐 main recommendation   △: 备选推荐 alternative recommendation

| 刀片形状<br>Shape                                                                      | 刀片编号<br>Order number | 尺寸 Size (mm) |      |      | 螺距 Pitch<br>mm | 库存 Stock |        |
|------------------------------------------------------------------------------------|----------------------|--------------|------|------|----------------|----------|--------|
|                                                                                    |                      | θ            | f    | 刀角 R |                | FH350S   | FH550T |
|   | TT32FR6000           | 60°          | —    | 0.00 | 0.5~2.5        |          | ●      |
|                                                                                    | TT32FR6001           | 60°          | —    | 0.10 | 1.0~2.5        |          | ●      |
|                                                                                    | TT32FR6002           | 60°          | —    | 0.20 | 1.5~2.5        |          |        |
|                                                                                    | TT32FR6003           | 60°          | —    | 0.30 | 2.5            |          |        |
|                                                                                    | TT32FR5501           | 55°          | —    | 0.10 | —              |          | ●      |
|                                                                                    | TT32FR5502           | 55°          | —    | 0.20 | —              |          | ●      |
|  | TTX32FR6000          | 60°          | 0.6  | 0.00 | 0.5~1.0        |          |        |
|                                                                                    | TTX32FR60005         | 60°          | 0.6  | 0.05 | 0.5~1.0        |          | ●      |
|                                                                                    | TTX32FR6001          | 60°          | 1.1  | 0.10 | 1.0~2.0        |          | ●      |
|                                                                                    | TTX32FR6000S         | 60°          | 0.3  | 0.05 | 0.5            |          |        |
|                                                                                    | TTX32FR60005S        | 60°          | 0.3  | 0.10 | 0.5            |          |        |
|                                                                                    | TTX32FR5501          | 55°          | 0.75 | 0.10 | —              |          | ●      |
|                                                                                    | TTX32FR55015         | 55°          | 1.2  | 0.15 | —              |          | ●      |

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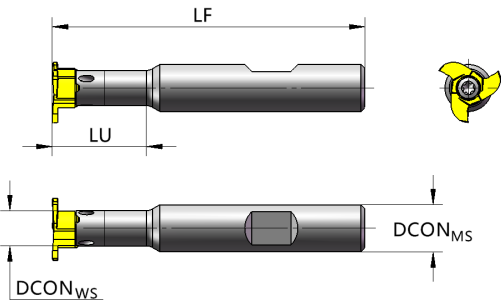
M327系列刀具 M327 series cutting tools

CUTOUTIL TOOLS  
Precision Cutting Tools



B327系列刀杆 B327 Milling holder

CUTOUTIL TOOLS  
Precision Cutting Tools



- 
- B327.A××.××SC.R××钢刀杆  
B327.A××.××SC.R××Steel holder  
B327.A××.××EC.R××硬质合金刀杆  
B327.A××.××EC.R××Tungsten carbide holder

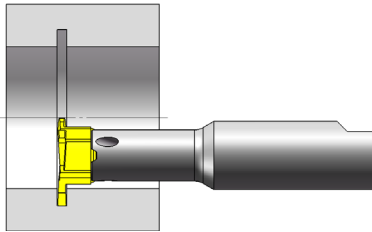
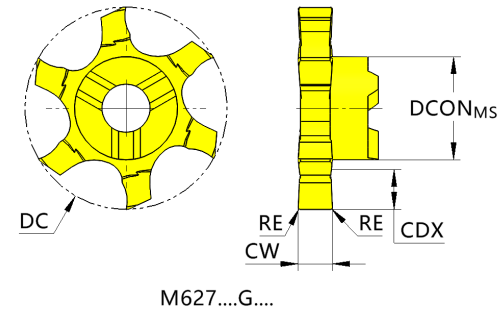
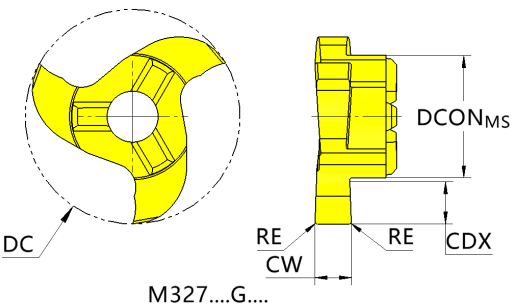
B327系列公制刀杆  
B327 Milling holder in Metric

●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks

| 型号 Order Number   | DCON <sub>MS</sub> | LU | LF  | DCON <sub>WS</sub> | 螺钉 Screw  | 扳手 Wrench | 库存 Stock |
|-------------------|--------------------|----|-----|--------------------|-----------|-----------|----------|
| B327.A12.15SC.R06 | 12                 | 15 | 74  | 06                 | M3-8-T8   | T8-Q      | ●        |
| B327.A12.21EC.R06 | 12                 | 21 | 80  | 06                 | M3-8-T8   | T8-Q      | ●        |
| B327.A12.30EC.R06 | 12                 | 30 | 90  | 06                 | M3-8-T8   | T8-Q      | ●        |
| B327.A12.42EC.R06 | 12                 | 42 | 100 | 06                 | M3-8-T8   | T8-Q      | ●        |
| B327.A16.18SC.R09 | 16                 | 18 | 80  | 09                 | M4-10-T15 | T15-Q     | ●        |
| B327.A16.32EC.R09 | 16                 | 32 | 100 | 09                 | M4-10-T15 | T15-Q     | ●        |
| B327.A16.45EC.R09 | 16                 | 45 | 110 | 09                 | M4-10-T15 | T15-Q     | ●        |
| B327.A16.64EC.R09 | 16                 | 64 | 130 | 09                 | M4-10-T15 | T15-Q     | ●        |
| B327.A16.24SC.R12 | 16                 | 24 | 80  | 12                 | M5-12-T20 | T20-Q     | ●        |
| B327.A16.42EC.R12 | 16                 | 42 | 100 | 12                 | M5-12-T20 | T20-Q     | ●        |
| B327.A16.60EC.R12 | 16                 | 60 | 130 | 12                 | M5-12-T20 | T20-Q     | ●        |
| B327.A16.85EC.R12 | 16                 | 85 | 160 | 12                 | M5-12-T20 | T20-Q     | ●        |
| B327.A16.42EC.R14 | 16                 | 42 | 100 | 14                 | M5-12-T20 | T20-Q     | ●        |
| B327.A16.60EC.R14 | 16                 | 60 | 130 | 14                 | M5-12-T20 | T20-Q     | ●        |
| B327.A16.85EC.R14 | 16                 | 85 | 160 | 14                 | M5-12-T20 | T20-Q     | ●        |
| B327.A20.35SC.R14 | 20                 | 35 | 100 | 14                 | M5-12-T20 | T20-Q     | ●        |

M327/M627系列铣槽刀 M327/M627 Groove millir

CUTOUTIL TOOLS  
Precision Cutting Tools



●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

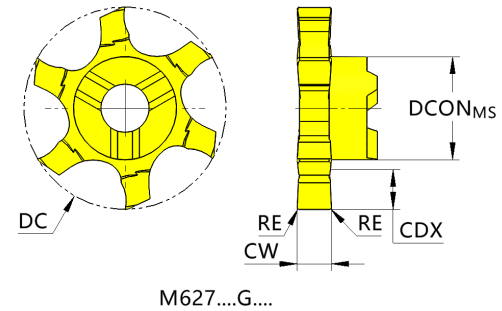
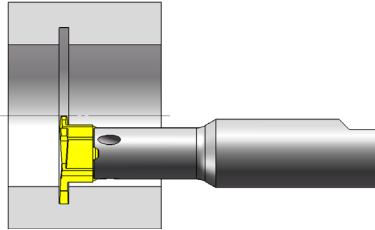
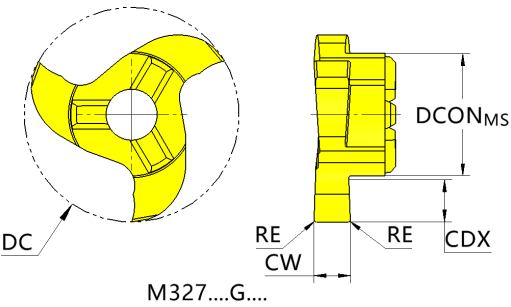
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| 型号 Order Number     | DC   | CW  | RE  | CDX | ZEFP | DCON <sub>MS</sub> | 库存 Stock |      |    |
|---------------------|------|-----|-----|-----|------|--------------------|----------|------|----|
|                     |      |     |     |     |      |                    | TA51     | TD51 | M5 |
| M327R06.G100.D10.00 | 9.7  | 1.0 | 0   | 1.5 | 3    | 06                 | ●        | ◐    | ●  |
| M327R06.G150.D10.02 | 9.7  | 1.5 | 0.2 | 1.5 | 3    | 06                 | ●        | ◐    | ●  |
| M327R06.G200.D10.02 | 9.7  | 2.0 | 0.2 | 1.5 | 3    | 06                 | ●        | ◐    | ●  |
| M327R06.G250.D10.02 | 9.7  | 2.5 | 0.2 | 1.5 | 3    | 06                 | ●        | ◐    | ●  |
| M627R09.G150.D18.01 | 17.7 | 1.5 | 0.1 | 3.5 | 6    | 09                 | ●        | ◐    | ●  |
| M327R09.G150.D18.02 | 17.7 | 1.5 | 0.2 | 3.5 | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.G200.D18.02 | 17.7 | 2.0 | 0.2 | 3.5 | 6    | 09                 | ●        | ◐    | ●  |
| M327R09.G200.D18.02 | 17.7 | 2.0 | 0.2 | 3.5 | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.G250.D18.02 | 17.7 | 2.5 | 0.2 | 3.5 | 6    | 09                 | ●        | ◐    | ●  |
| M327R09.G250.D18.02 | 17.7 | 2.5 | 0.2 | 3.5 | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.G300.D18.02 | 17.7 | 3.0 | 0.2 | 3.5 | 6    | 09                 | ●        | ◐    | ●  |
| M327R09.G300.D18.02 | 17.7 | 3.0 | 0.2 | 3.5 | 3    | 09                 | ●        | ◐    | ●  |

M327/M627系列铣槽刀 M327/M627 Groove milling

CUTOUTIL TOOLS

Precision Cutting Tools



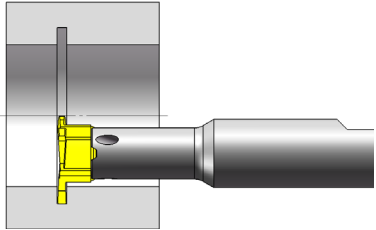
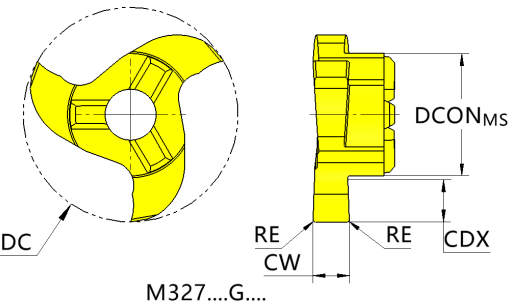
●: 库存品 on stock    ●: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number     | DC   | CW  | RE  | CDX | ZEFP | DCON <sub>MS</sub> | 库存 Stock |      |    |
|---------------------|------|-----|-----|-----|------|--------------------|----------|------|----|
|                     |      |     |     |     |      |                    | TA51     | TD51 | M5 |
| M327R12.G150.D22.02 | 21.7 | 1.5 | 0.2 | 4.5 | 3    | 12                 | ●        | ●    | ●  |
| M327R12.G200.D22.02 | 21.7 | 2.0 | 0.2 | 4.5 | 3    | 12                 | ●        | ●    | ●  |
| M327R12.G250.D22.02 | 21.7 | 2.5 | 0.2 | 4.5 | 3    | 12                 | ●        | ●    | ●  |
| M327R12.G300.D22.02 | 21.7 | 3.0 | 0.2 | 4.5 | 3    | 12                 | ●        | ●    | ●  |
| M327R12.G400.D22.02 | 21.7 | 4.0 | 0.2 | 4.5 | 3    | 12                 | ●        | ●    | ●  |
| M627R12.G150.D28.01 | 27.7 | 1.5 | 0.1 | 6.5 | 6    | 12                 | ●        | ●    | ●  |
| M627R12.G200.D28.02 | 27.7 | 2.0 | 0.2 | 6.5 | 6    | 12                 | ●        | ●    | ●  |
| M627R12.G250.D28.02 | 27.7 | 2.5 | 0.2 | 6.5 | 6    | 12                 | ●        | ●    | ●  |
| M627R12.G300.D28.02 | 27.7 | 3.0 | 0.2 | 6.5 | 6    | 12                 | ●        | ●    | ●  |
| M627R12.G400.D28.02 | 27.7 | 4.0 | 0.2 | 6.5 | 6    | 12                 | ●        | ●    | ●  |
| M327R14.G150.D28.00 | 27.7 | 1.5 | 0   | 6.5 | 3    | 14                 | ●        | ●    | ●  |
| M327R14.G200.D28.02 | 27.7 | 2.0 | 0.2 | 6.5 | 3    | 14                 | ●        | ●    | ●  |
| M327R14.G250.D28.02 | 27.7 | 2.5 | 0.2 | 6.5 | 3    | 14                 | ●        | ●    | ●  |
| M327R14.G300.D28.02 | 27.7 | 3.0 | 0.2 | 6.5 | 3    | 14                 | ●        | ●    | ●  |
| M327R14.G350.D28.02 | 27.7 | 3.5 | 0.2 | 6.5 | 3    | 14                 | ●        | ●    | ●  |
| M327R14.G400.D28.02 | 27.7 | 4.0 | 0.2 | 6.5 | 3    | 14                 | ●        | ●    | ●  |
| M627R14.G150.D35.01 | 34.7 | 1.5 | 0.1 | 10  | 6    | 14                 | ●        | ●    | ●  |
| M627R14.G200.D35.02 | 34.7 | 2.0 | 0.2 | 10  | 6    | 14                 | ●        | ●    | ●  |
| M627R14.G250.D35.02 | 34.7 | 2.5 | 0.2 | 10  | 6    | 14                 | ●        | ●    | ●  |
| M627R14.G300.D35.02 | 34.7 | 3.0 | 0.2 | 10  | 6    | 14                 | ●        | ●    | ●  |

M327/M627系列铣槽刀 M327/M627 Groove millir

CUTOUTIL TOOLS

Precision Cutting Tools



卡簧槽铣刀  
Circlip groove milling

●: 库存品 on stock    ●: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

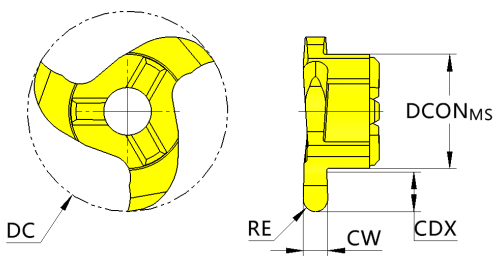
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| H |   | △ |   |

| 型号 Order Number      | DC   | CW   | RE   | CDX | ZEFP | DCON <sub>MS</sub> | 库存 Stock |      |    |
|----------------------|------|------|------|-----|------|--------------------|----------|------|----|
|                      |      |      |      |     |      |                    | TA51     | TD51 | M5 |
| M327R06.G070.D10.00  | 9.7  | 0.74 | 0    | 1.5 | 3    | 06                 | ●        | ●    | ●  |
| M327R06.G080.D10.00  | 9.7  | 0.84 | 0    | 1.5 | 3    | 06                 | ●        | ●    | ●  |
| M327R06.G090.D10.00  | 9.7  | 0.94 | 0    | 1.5 | 3    | 06                 | ●        | ●    | ●  |
| M327R06.G110.D10.00  | 9.7  | 1.18 | 0    | 1.5 | 3    | 06                 | ●        | ●    | ●  |
| M327R06.G130.D10.00  | 9.7  | 1.38 | 0    | 1.5 | 3    | 06                 | ●        | ●    | ●  |
| M327R06.G160.D10.00  | 9.7  | 1.68 | 0    | 1.5 | 3    | 06                 | ●        | ●    | ●  |
| M327R09.G110.D18.00  | 17.7 | 1.18 | 0    | 3.5 | 3    | 09                 | ●        | ●    | ●  |
| M327R09.G130.D18.00  | 17.7 | 1.38 | 0    | 3.5 | 3    | 09                 | ●        | ●    | ●  |
| M327R09.G160.D18.00  | 17.7 | 1.68 | 0    | 3.5 | 3    | 09                 | ●        | ●    | ●  |
| M327R12.G160.D22.00  | 21.7 | 1.68 | 0    | 4.5 | 3    | 12                 | ●        | ●    | ●  |
| M327R12.G185.D22.015 | 21.7 | 1.93 | 0.15 | 4.5 | 3    | 12                 | ●        | ●    | ●  |
| M327R12.G215.D22.02  | 21.7 | 2.23 | 0.2  | 4.5 | 3    | 12                 | ●        | ●    | ●  |
| M327R12.G265.D22.015 | 21.7 | 2.73 | 0.15 | 4.5 | 3    | 12                 | ●        | ●    | ●  |
| M327R12.G315.D22.015 | 21.7 | 3.23 | 0.15 | 4.5 | 3    | 12                 | ●        | ●    | ●  |
| M327R12.G415.D22.015 | 21.7 | 4.26 | 0.15 | 4.5 | 3    | 12                 | ●        | ●    | ●  |
| M327R12.G515.D22.015 | 21.7 | 5.26 | 0.15 | 4.5 | 3    | 12                 | ●        | ●    | ●  |

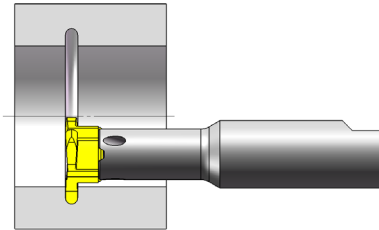
M327/M627系列铣槽刀 M327/M627 Groove milling

CUTOUTIL TOOLS

Precision Cutting Tools



M327....R....



全圆弧槽铣刀  
Full radius circlip groove milling

●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

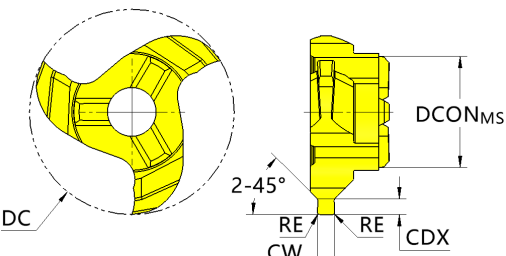
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| 型号 Order Number     | DC   | CW  | RE  | CDX | ZEFP | DCON <sub>MS</sub> | 库存 Stock |      |    |
|---------------------|------|-----|-----|-----|------|--------------------|----------|------|----|
|                     |      |     |     |     |      |                    | TA51     | TD51 | M5 |
| M327R06.R220.D12.11 | 11.7 | 2.2 | 1.1 | 2.5 | 3    | 06                 | ●        | ◐    | ●  |
| M327R09.R220.D18.11 | 17.7 | 2.2 | 1.1 | 3.5 | 3    | 09                 | ●        | ◐    | ●  |
| M327R12.R100.D22.05 | 21.7 | 1.0 | 0.5 | 4.5 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.R200.D22.10 | 21.7 | 2.0 | 1.0 | 4.5 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.R300.D22.15 | 21.7 | 3.0 | 1.5 | 4.5 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.R400.D22.20 | 21.7 | 4.0 | 2.0 | 4.5 | 3    | 12                 | ●        | ◐    | ●  |

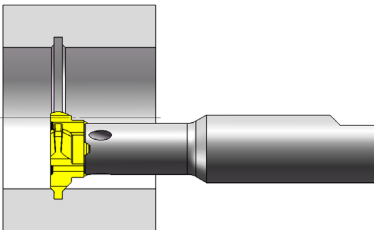
M327/M627系列铣槽刀 M327/M627 Groove millir

CUTOUTIL TOOLS

Precision Cutting Tools



M327....GC....



带倒角卡簧槽铣刀  
With chamfer circlip grooves milling

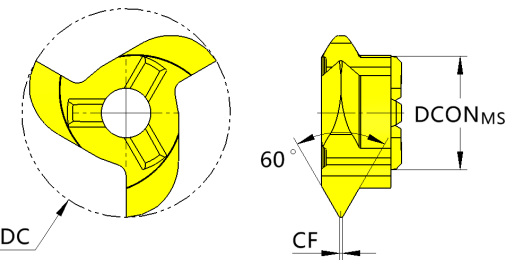
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

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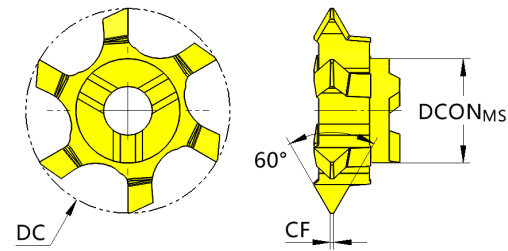
| 型号 Order Number          | DC   | CW   | RE   | CDX  | ZEFP | DCON <sub>MS</sub> | 库存 Stock |      |    |
|--------------------------|------|------|------|------|------|--------------------|----------|------|----|
|                          |      |      |      |      |      |                    | TA51     | TD51 | M5 |
| M327R12.GC110.D22.00     | 21.7 | 1.18 | 0    | 0.49 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.GC130.D22.00     | 21.7 | 1.38 | 0    | 0.67 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.GC160.D22.00     | 21.7 | 1.68 | 0    | 0.83 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.GC185.D22.015    | 21.7 | 1.93 | 0.15 | 1.23 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.GC215.D22.015    | 21.7 | 2.23 | 0.15 | 1.47 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.GC265.D22.015    | 21.7 | 2.73 | 0.15 | 1.47 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.GC315.D22.02     | 21.7 | 3.23 | 0.2  | 1.72 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.GC415.D22.02     | 21.7 | 4.23 | 0.2  | 1.97 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.GC130.08.D22.00  | 21.7 | 1.38 | 0    | 0.83 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.GC160.08.D22.00  | 21.7 | 1.68 | 0    | 0.97 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.GC265.18.D22.015 | 21.7 | 2.73 | 0.15 | 1.72 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.GC415.25.D22.02  | 21.7 | 4.26 | 0.2  | 2.47 | 3    | 12                 | ●        | ◐    | ●  |

M327/M627系列螺纹铣刀 M327/M627 Thread milling CUTOUTIL TOOLS

Precision Cutting Tools



M327....VM....



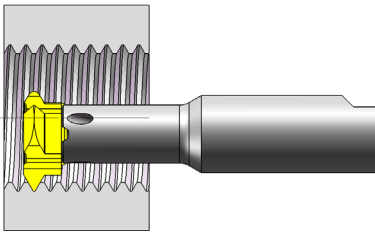
M627....VM....

公制ISO60°范围牙型  
Metric ISO 60° Partial profile

●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

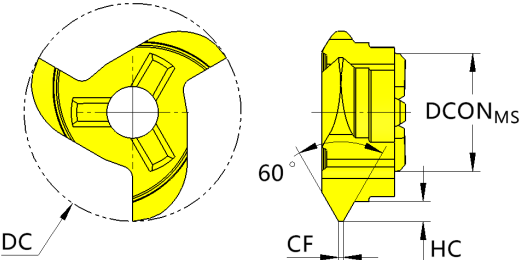
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| 型号 Order Number    | DC   | TP  | TPX | CF   | ZEFP | DCON <sub>MS</sub> | 库存 Stock |      |    |
|--------------------|------|-----|-----|------|------|--------------------|----------|------|----|
|                    |      |     |     |      |      |                    | TA51     | TD51 | M5 |
| M327R06.H100VM.D12 | 11.7 | 1   | 2.0 | 0.12 | 3    | 06                 | ●        | ◐    | ●  |
| M327R09.H100VM.D18 | 17.7 | 1   | 2.0 | 0.12 | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.H100VM.D18 | 17.7 | 1   | 2.0 | 0.12 | 6    | 09                 | ●        | ◐    | ●  |
| M327R12.H100VM.D22 | 21.7 | 1   | 2.0 | 0.12 | 3    | 12                 | ●        | ◐    | ●  |
| M627R12.H100VM.D22 | 21.7 | 1   | 2.0 | 0.12 | 6    | 12                 | ●        | ◐    | ●  |
| M327R06.H250VM.D12 | 11.7 | 2.5 | 3.0 | 0.31 | 3    | 06                 | ●        | ◐    | ●  |
| M327R09.H250VM.D18 | 17.7 | 2.5 | 3.5 | 0.31 | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.H250VM.D18 | 17.7 | 2.5 | 3.5 | 0.31 | 6    | 09                 | ●        | ◐    | ●  |
| M327R12.H250VM.D22 | 21.7 | 2.5 | 4.5 | 0.31 | 3    | 12                 | ●        | ◐    | ●  |
| M627R12.H250VM.D22 | 21.7 | 2.5 | 4.5 | 0.31 | 6    | 12                 | ●        | ◐    | ●  |

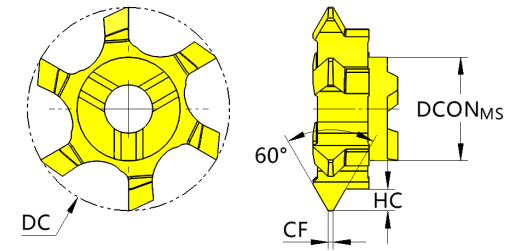


M327/M627系列螺纹铣刀 M327/M627 Thread milling CUTOUTIL TOOLS

Precision Cutting Tools



M327....MM....



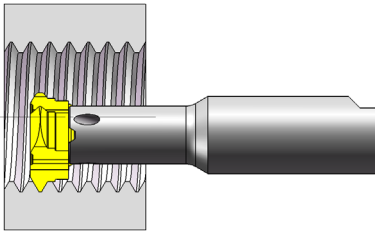
M627....MM....

公制ISO60°全牙型  
Metric ISO 60° Full profile

●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

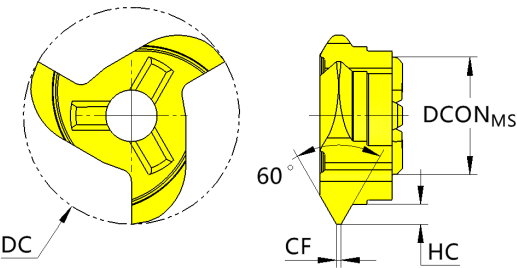
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| 型号 Order Number    | DC   | TP   | HC   | CF   | ZEFP | DCON <sub>MS</sub> | 库存 Stock |      |    |
|--------------------|------|------|------|------|------|--------------------|----------|------|----|
|                    |      |      |      |      |      |                    | TA51     | TD51 | M5 |
| M327R09.H150MM.D18 | 17.7 | 1.5  | 0.81 | 0.18 | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.H150MM.D18 | 17.7 | 1.5  | 0.81 | 0.18 | 6    | 09                 | ●        | ◐    | ●  |
| M327R09.H200MM.D18 | 17.7 | 2.0  | 1.08 | 0.25 | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.H200MM.D18 | 17.7 | 2.0  | 1.8  | 0.25 | 6    | 09                 | ●        | ◐    | ●  |
| M327R09.H300MM.D18 | 17.7 | 3.0  | 1.62 | 0.37 | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.H300MM.D18 | 17.7 | 3.0  | 1.62 | 0.37 | 6    | 09                 | ●        | ◐    | ●  |
| M327R09.H350MM.D18 | 17.7 | 3.5  | 1.89 | 0.43 | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.H350MM.D18 | 17.7 | 3.5  | 1.89 | 0.43 | 6    | 09                 | ●        | ◐    | ●  |
| M327R12.H150MM.D22 | 21.7 | 1.5  | 0.81 | 0.18 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.H175MM.D22 | 21.7 | 1.75 | 0.95 | 0.21 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.H200MM.D22 | 21.7 | 2.0  | 1.08 | 0.25 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.H300MM.D22 | 21.7 | 3.0  | 1.62 | 0.37 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.H350MM.D22 | 21.7 | 3.5  | 1.89 | 0.43 | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.H400MM.D22 | 21.7 | 4.0  | 2.17 | 0.5  | 3    | 12                 | ●        | ◐    | ●  |
| M327R12.H450MM.D22 | 21.7 | 4.5  | 2.44 | 0.56 | 3    | 12                 | ●        | ◐    | ●  |

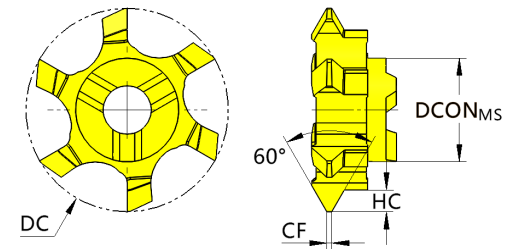
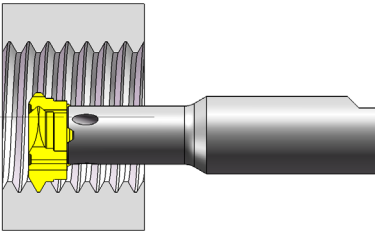


M327/M627系列螺纹铣刀 M327/M627 Thread milling CUTOUTIL TOOLS

Precision Cutting Tools



M327....UN....



M627....UN....

UN60°全牙型  
UN60° Full profile

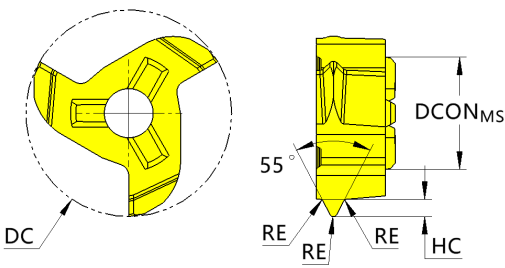
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

|   |   |   |   |
|---|---|---|---|
| P | ▲ | ▲ |   |
| M | ▲ | ▲ |   |
| K |   |   |   |
| N |   |   | ▲ |
| S |   | ▲ |   |
| H |   | △ |   |

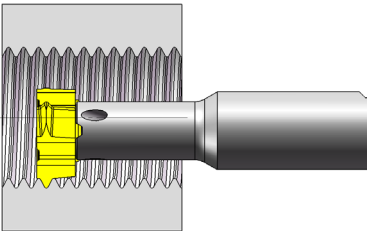
| 型号 Order Number   | DC   | TPI | HC   | CF   | ZEFP | DCON <sub>MS</sub> | 库存 Stock |      |    |
|-------------------|------|-----|------|------|------|--------------------|----------|------|----|
|                   |      |     |      |      |      |                    | TA51     | TD51 | M5 |
| M327R09.H20UN.D18 | 17.7 | 20  | 0.69 | 0.16 | 3    | 09                 | ●        | ◐    | ●  |
| M327R09.H18UN.D18 | 17.7 | 18  | 0.76 | 0.18 | 3    | 09                 | ●        | ◐    | ●  |
| M327R09.H16UN.D18 | 17.7 | 16  | 0.86 | 0.2  | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.H16UN.D18 | 17.7 | 16  | 0.86 | 0.2  | 6    | 09                 | ●        | ◐    | ●  |
| M327R09.H14UN.D18 | 17.7 | 14  | 0.98 | 0.22 | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.H14UN.D18 | 17.7 | 14  | 0.98 | 0.22 | 6    | 09                 | ●        | ◐    | ●  |
| M327R09.H12UN.D18 | 17.7 | 12  | 1.15 | 0.26 | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.H12UN.D18 | 17.7 | 12  | 1.15 | 0.26 | 6    | 09                 | ●        | ◐    | ●  |
| M327R09.H11UN.D18 | 17.7 | 11  | 1.25 | 0.28 | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.H11UN.D18 | 17.7 | 11  | 1.25 | 0.28 | 6    | 09                 | ●        | ◐    | ●  |
| M327R09.H10UN.D18 | 17.7 | 10  | 1.38 | 0.32 | 3    | 09                 | ●        | ◐    | ●  |
| M327R09.H08UN.D18 | 17.7 | 8   | 1.72 | 0.4  | 3    | 09                 | ●        | ◐    | ●  |
| M627R09.H08UN.D18 | 17.7 | 8   | 1.72 | 0.4  | 6    | 09                 | ●        | ◐    | ●  |

M327/M627系列螺纹铣刀 M327/M627 Thread milli CUTOUTIL TOOLS

Precision Cutting Tools



M327....WH....



惠氏55°全牙型铣刀  
Whitworth 55°full profile milling

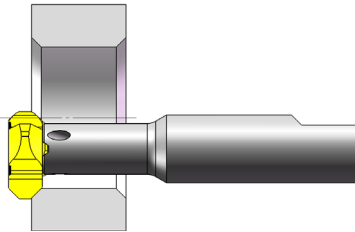
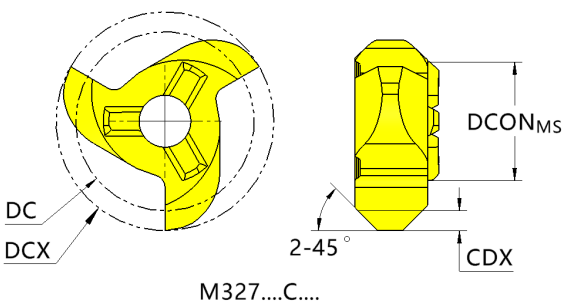
●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

|   |   |   |   |
|---|---|---|---|
| P | ▲ | ▲ |   |
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| N |   |   | ▲ |
| S |   | ▲ |   |
| H |   | △ |   |

| 型号 Order Number   | DC   | TPI | RE   | PDX  | HC   | ZEFP | DCON <sub>MS</sub> | 库存 Stock |      |    |
|-------------------|------|-----|------|------|------|------|--------------------|----------|------|----|
|                   |      |     |      |      |      |      |                    | TA51     | TD51 | M5 |
| M327R06.H19WH.D12 | 11.7 | 19  | 0.18 | 1.15 | 0.86 | 3    | 06                 | ●        | ◐    | ●  |
| M327R09.H19WH.D18 | 17.7 | 19  | 0.18 | 1    | 0.86 | 3    | 09                 | ●        | ◐    | ●  |
| M327R06.H14WH.D12 | 11.7 | 14  | 0.24 | 1.3  | 1.16 | 3    | 06                 | ●        | ◐    | ●  |
| M327R09.H14WH.D18 | 17.7 | 14  | 0.24 | 1.2  | 1.16 | 3    | 09                 | ●        | ◐    | ●  |
| M327R06.H11WH.D12 | 11.7 | 11  | 0.31 | 1.6  | 1.48 | 3    | 06                 | ●        | ◐    | ●  |
| M327R09.H11WH.D18 | 17.7 | 11  | 0.31 | 1.45 | 1.48 | 3    | 09                 | ●        | ◐    | ●  |

M327/M627系列倒角铣刀 M327/M627 Chamfer milling CUTOUTIL TOOLS

Precision Cutting Tools



倒角铣刀  
Chamfer milling

●: 库存品 on stock    ◐: 1周 1week    ○: 3周 3weeks  
▲: 首选推荐 main recommendation    △: 备选推荐 alternative recommendation

| 型号 Order Number  | DC   | DCX  | CDX  | ZEFP | DCON <sub>MS</sub> | 库存 Stock |      |    |
|------------------|------|------|------|------|--------------------|----------|------|----|
|                  |      |      |      |      |                    | TA51     | TD51 | M5 |
| M327R06.C120.D12 | 10.1 | 11.7 | 0.8  | 3    | 06                 | ●        | ◐    | ●  |
| M327R12.C200.D22 | 18.3 | 21.7 | 1.70 | 3    | 12                 | ●        | ◐    | ●  |

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| S |   | ▲ |   |
| H |   | △ |   |

SC系列镗孔加工参数 SC Series Boring Cutting Data CUTOUTIL TOOLS

Precision Cutting Tools

推荐切削速度 Vc[m/min]Recommended Cutting Speeds Vc[m/min]

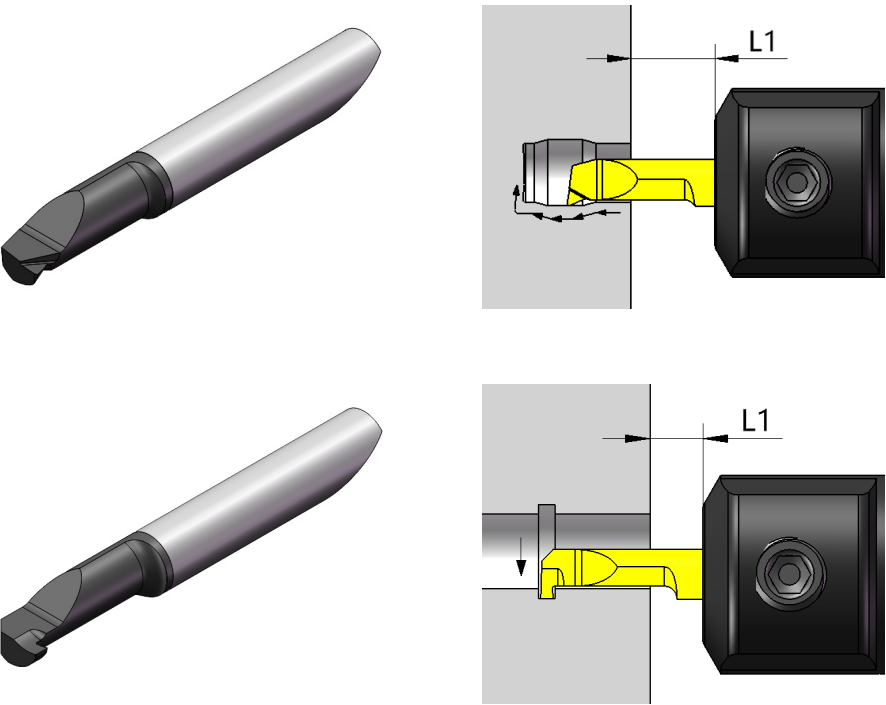
| 材料<br>Material<br>Group                  | 材料<br>Material                                                 |                                                      | 布氏硬度<br>Hardness<br>Brinell HB     | Vc<br>[m/ 分钟]<br>(带涂层)<br>Vc[m/min]<br>(Coated) | 进给 f<br>[mm/ 转]<br>Feed<br>f[mm/rev] |
|------------------------------------------|----------------------------------------------------------------|------------------------------------------------------|------------------------------------|-------------------------------------------------|--------------------------------------|
| P<br>钢<br>Steel                          | 碳钢 Unalloyed Steel                                             | 低碳钢 (C=0.1-0.25%)<br>Low Carbon (C=0.1-0.25%)        | 125                                | 80-150                                          | 0.05                                 |
|                                          |                                                                | 中碳钢 (C=0.25-0.55%)<br>Medium Carbon (C=0.25-0.55%)   | 150                                | 80-130                                          | 0.04                                 |
|                                          |                                                                | 高碳钢 (C=0.55-0.85%)<br>High Carbon (C=0.55-0.85%)     | 170                                | 70-110                                          | 0.03                                 |
|                                          | 低合金钢 (合金元素≤ 5%)<br>Low Alloy Steel<br>(alloying elements ≤ 5%) | 未硬化处理 Non Hardened                                   | 180                                | 70-110                                          | 0.04                                 |
|                                          |                                                                | 淬硬化处理 Hardened                                       | 275                                | 70-100                                          | 0.04                                 |
|                                          |                                                                | 淬硬化处理 Hardened                                       | 350                                | 70-100                                          | 0.03                                 |
|                                          | 高合金钢 (合金元素 >5%)<br>High Alloy Steel<br>(alloying elements>5%)  | 退火处理 Annealed                                        | 200                                | 80-120                                          | 0.04                                 |
|                                          |                                                                | 淬硬化处理 Hardened                                       | 325                                | 70-110                                          | 0.03                                 |
|                                          | 铸钢 Cast Steel                                                  | 低合金 (合金元素≤ 5%)<br>Low Alloy (alloying elements ≤ 5%) | 200                                | 80-110                                          | 0.04                                 |
|                                          |                                                                | 高合金 (合金元素 >5%)<br>High Alloy (alloying elements>5%)  | 225                                | 80-110                                          | 0.04                                 |
| M<br>不锈钢<br>Stainless<br>Steel           | 铁素体不锈钢<br>Stainless Steel Ferritic                             | 未硬化处理 Non Hardened                                   | 200                                | 80-100                                          | 0.04                                 |
|                                          |                                                                | 淬硬化处理 Hardened                                       | 330                                | 70-110                                          | 0.03                                 |
|                                          | 奥氏体不锈钢<br>Stainless Steel Austenitic                           | 奥氏体 Austenitic                                       | 180                                | 80-110                                          | 0.04                                 |
|                                          |                                                                | 超级奥氏体 Super Austenitic                               | 200                                | 80-110                                          | 0.04                                 |
|                                          | 铁素体铸造不锈钢<br>Stainless Steel Cast Ferritic                      | 未硬化处理 Non Hardened                                   | 200                                | 40-60                                           | 0.04                                 |
|                                          |                                                                | 淬硬化处理 Hardened                                       | 330                                | 30-50                                           | 0.03                                 |
|                                          | 奥氏体铸造不锈钢<br>Stainless Steel Cast Austenitic                    | 奥氏体 Austenitic                                       | 200                                | 40-60                                           | 0.04                                 |
|                                          | 淬硬化处理 Hardened                                                 | 330                                                  | 30-50                              | 0.03                                            |                                      |
| K<br>铸铁<br>Cast Iron                     | 可锻造铸铁<br>Malleable Cast Iron                                   | 铁素体 (短屑) Ferritic (short chips)                      | 130                                | 80-110                                          | 0.03                                 |
|                                          |                                                                | 珠光体 (长屑) Pearlitic (long chips)                      | 230                                | 80-110                                          | 0.03                                 |
|                                          | 灰铸铁 Grey Cast Iron                                             | 低抗拉强度 Low Tensile Strength                           | 180                                | 80-110                                          | 0.03                                 |
|                                          |                                                                | 高抗拉强度 High Tensile Strength                          | 260                                | 80-110                                          | 0.03                                 |
|                                          | 球墨铸铁 Nodular SG Iron                                           | 铁素体 (短屑) Ferritic                                    | 160                                | 80-110                                          | 0.03                                 |
|                                          |                                                                | 珠光体 (长屑) Pearlitic                                   | 260                                | 80-110                                          | 0.03                                 |
| N<br>有色金属<br>Non-Ferrous<br>Metals       | 锻造铝合金<br>Aluminum Alloys Wrought                               | 未时效 Non Aging                                        | 60                                 | 100-300                                         | 0.04                                 |
|                                          |                                                                | 时效 Aged                                              | 100                                | 100-150                                         | 0.04                                 |
|                                          | 铝合金 Aluminum Alloys                                            | 铸造 Cast                                              | 75                                 | 100-150                                         | 0.04                                 |
|                                          |                                                                | 铸造 + 时效 Cast & Aged                                  | 90                                 | 60-100                                          | 0.04                                 |
|                                          | 铝合金 Aluminum Alloys                                            | 铸造 Si 13-22% Cast Si 13-22%                          | 130                                | 100-150                                         | 0.04                                 |
|                                          | 铜和铜合金<br>Copper and Copper Alloys                              | 黄铜 Brass                                             | 90                                 | 60-100                                          | 0.04                                 |
|                                          |                                                                | 青铜和无铅铜<br>Bronze and non leaded Copper               | 100                                | 60-100                                          | 0.04                                 |
| S<br>耐高温材料<br>Heat Resistant<br>Material | 高温合金<br>High Temperature Alloys                                | 退火处理 (铁基) Annealed (Iron based)                      | 200                                | 25-45                                           | 0.03                                 |
|                                          |                                                                | 时效 (铁基) Aged (Iron based)                            | 280                                | 20-30                                           | 0.03                                 |
|                                          |                                                                | 退火 (镍或钴基合金)<br>Annealed (Nickel or Cobalt based)     | 250                                | 15-20                                           | 0.03                                 |
|                                          |                                                                | 时效 (镍或钴基合金)<br>Aged (Nickel or Cobalt based)         | 350                                | 10-15                                           | 0.03                                 |
|                                          |                                                                | 钛合金 Titanium Alloys                                  | 纯度 99.5 Ti Pure 99.5 Ti            | 400Rm                                           | 60-100                               |
|                                          | α+β 合金 α+β Alloys                                              |                                                      | 1050Rm                             | 40-50                                           | 0.03                                 |
|                                          | H<br>硬材料<br>Hardened Material                                  | 超硬钢 Extra Hard Steel                                 | 淬硬化处理 & 热处理<br>Hardened & Tempered | 45-50HRc                                        | 20-45                                |
|                                          |                                                                |                                                      | 51-55HRc                           | 20-40                                           | 0.02                                 |

SC系列镗孔加工参数 SC Series Boring Cutting Data

CUTOUTIL TOOLS  
Precision Cutting Tools

镗孔和仿形精加工 -  
Boring and Profiling in Finishing Operations –  
推荐切深 [ap max. (mm) ] 和进给 f[mm/rev]  
Recommended Depth of Cut[ap max. (mm) ]and Feed f[mm/rev]

| 高合金钢 High Alloy Steel<br>330 HB, 2100 Kc[N/mm²] |              |          | 奥氏体不锈钢 Austenitic Stainless Steel<br>200 HB, 2600 Kc[N/mm²] |              |          |
|-------------------------------------------------|--------------|----------|-------------------------------------------------------------|--------------|----------|
| D min.                                          | ap max. (mm) | f mm/rev | D min.                                                      | ap max. (mm) | f mm/rev |
| 1 mm-1.7 mm                                     | 0.08         | 0.015    | 1 mm-1.7 mm                                                 | 0.06         | 0.015    |
| 1.8 mm-2.7mm                                    | 0.10         | 0.017    | 1.8 mm-2.7mm                                                | 0.10         | 0.015    |
| 2.8 mm-3.2 mm                                   | 0.18         | 0.017    | 2.8 mm-3.2 mm                                               | 0.12         | 0.015    |
| 3.3 mm-3.7 mm                                   | 0.22         | 0.018    | 3.3 mm-3.7 mm                                               | 0.15         | 0.015    |
| 3.8 mm-4.2 mm                                   | 0.25         | 0.020    | 3.8 mm-4.2 mm                                               | 0.18         | 0.015    |
| 4.3 mm-5.2 mm                                   | 0.30         | 0.028    | 4.3 mm-5.2 mm                                               | 0.20         | 0.015    |
| 5.2 mm-6.2 mm                                   | 0.30         | 0.050    | 5.2 mm-6.2 mm                                               | 0.20         | 0.025    |
| 6.3 mm-7.2 mm                                   | 0.35         | 0.060    | 6.3 mm-7.2 mm                                               | 0.25         | 0.025    |



当遇到排屑问题时，推荐增加工件和刀杆端面的距离。  
When encountering chip flow evacuation problems, it is recommended to increase the distance between the workpiece and holder face.

SC系列切槽加工参数 SC Series Grooving Cutting Data

CUTOUTIL TOOLS  
Precision Cutting Tools

推荐切削速度 Vc[m/min] 和进给 f[mm/rev]Recommended Cutting Speeds Vc[m/min]and Feed f[mm/rev]

| 材料<br>Material<br>Group                  | 材料<br>Material                                                 | 布氏硬度<br>Hardness<br>Brinell HB | Vc<br>[m/ 分钟]<br>(带涂层)<br>Vc[m/min]<br>(Coated) | 进给 f<br>[mm/ 转]<br>Feed<br>f[mm/rev] |
|------------------------------------------|----------------------------------------------------------------|--------------------------------|-------------------------------------------------|--------------------------------------|
| P<br>钢<br>Steel                          | 低碳钢 (C=0.1-0.25%)<br>Low Carbon (C=0.1-0.25%)                  | 125                            | 50-120                                          | 0.05                                 |
|                                          | 中碳钢 (C=0.25-0.55%)<br>Medium Carbon (C=0.25-0.55%)             | 150                            | 40-100                                          | 0.05                                 |
|                                          | 高碳钢 (C=0.55-0.85%)<br>High Carbon (C=0.55-0.85%)               | 170                            | 30-80                                           | 0.05                                 |
|                                          | 低合金钢 (合金元素≤ 5%)<br>Low Alloy Steel<br>(alloying elements ≤ 5%) | 180                            | 50-70                                           | 0.05                                 |
|                                          | 淬硬化处理 Hardened                                                 | 275                            | 40-60                                           | 0.05                                 |
|                                          | 淬硬化处理 Hardened                                                 | 350                            | 30-50                                           | 0.05                                 |
|                                          | 高合金钢 (合金元素 >5%)<br>High Alloy Steel<br>(alloying elements>5%)  | 200                            | 30-50                                           | 0.05                                 |
|                                          | 退火处理 Annealed                                                  | 200                            | 30-50                                           | 0.05                                 |
|                                          | 淬硬化处理 Hardened                                                 | 325                            | 25-40                                           | 0.05                                 |
|                                          | 铸钢 Cast Steel                                                  |                                |                                                 |                                      |
| M<br>不锈钢<br>Stainless<br>Steel           | 低合金 (合金元素≤ 5%)<br>Low Alloy (alloying elements ≤ 5%)           | 200                            | 30-50                                           | 0.05                                 |
|                                          | 高合金 (合金元素 >5%)<br>High Alloy (alloying elements>5%)            | 225                            | 25-40                                           | 0.05                                 |
|                                          | 铁素体不锈钢<br>Stainless Steel Ferritic                             |                                |                                                 |                                      |
|                                          | 未硬化处理 Non Hardened                                             | 200                            | 60-100                                          | 0.05                                 |
|                                          | 淬硬化处理 Hardened                                                 | 330                            | 40-60                                           | 0.05                                 |
|                                          | 奥氏体不锈钢<br>Stainless Steel Austenitic                           | 180                            | 50-90                                           | 0.05                                 |
|                                          | 超级奥氏体 Super Austenitic                                         | 200                            | 40-60                                           | 0.05                                 |
|                                          | 铁素体铸造不锈钢<br>Stainless Steel Cast Ferritic                      | 200                            | 40-60                                           | 0.05                                 |
|                                          | 未硬化处理 Non Hardened                                             | 200                            | 40-60                                           | 0.05                                 |
|                                          | 淬硬化处理 Hardened                                                 | 330                            | 30-50                                           | 0.05                                 |
| K<br>铸铁<br>Cast Iron                     | 奥氏体铸造不锈钢<br>Stainless Steel Cast Austenitic                    | 200                            | 40-60                                           | 0.05                                 |
|                                          | 淬硬化处理 Hardened                                                 | 330                            | 30-50                                           | 0.05                                 |
|                                          | 可锻造铸铁<br>Malleable Cast Iron                                   |                                |                                                 |                                      |
|                                          | 铁素体 (短屑) Ferritic (short chips)                                | 130                            | 50-70                                           | 0.04                                 |
|                                          | 珠光体 (长屑) Pearlitic (long chips)                                | 230                            | 50-70                                           | 0.04                                 |
|                                          | 灰铸铁 Grey Cast Iron                                             |                                |                                                 |                                      |
|                                          | 低抗拉强度 Low Tensile Strength                                     | 180                            | 50-70                                           | 0.04                                 |
|                                          | 高抗拉强度 High Tensile Strength                                    | 260                            | 40-60                                           | 0.04                                 |
|                                          | 球墨铸铁 Nodular SG Iron                                           |                                |                                                 |                                      |
|                                          | 铁素体 (短屑) Ferritic                                              | 160                            | 50-70                                           | 0.04                                 |
| N<br>有色金属<br>Non-Ferrous<br>Metals       | 珠光体 (长屑) Pearlitic                                             | 260                            | 60-80                                           | 0.04                                 |
|                                          | 锻造铝合金<br>Aluminum Alloys Wrought                               |                                |                                                 |                                      |
|                                          | 未时效 Non Aging                                                  | 60                             | 100-300                                         | 0.04                                 |
|                                          | 时效 Aged                                                        | 100                            | 100-150                                         | 0.04                                 |
|                                          | 铝合金 Aluminum Alloys                                            |                                |                                                 |                                      |
|                                          | 铸造 Cast                                                        | 75                             | 100-150                                         | 0.04                                 |
|                                          | 铸造 + 时效 Cast & Aged                                            | 90                             | 60-100                                          | 0.04                                 |
|                                          | 铝合金 Aluminum Alloys                                            |                                |                                                 |                                      |
|                                          | 铸造 Si 13-22% Cast Si 13-22%                                    | 130                            | 100-150                                         | 0.04                                 |
|                                          | 黄铜 Brass                                                       | 90                             | 60-100                                          | 0.03                                 |
| S<br>耐高温材料<br>Heat Resistant<br>Material | 铜和铜合金<br>Copper and Copper Alloys                              |                                |                                                 |                                      |
|                                          | 青铜和无铅铜<br>Bronze and non leaded Copper                         | 100                            | 60-100                                          | 0.04                                 |
|                                          | 高温合金<br>High Temperature Alloys                                |                                |                                                 |                                      |
|                                          | 退火处理 (铁基) Annealed (Iron based)                                | 200                            | 25-45                                           | 0.03                                 |
|                                          | 时效 (铁基) Aged (Iron based)                                      | 280                            | 20-30                                           | 0.03                                 |
|                                          | 退火 (镍或钴基合金)<br>Annealed (Nickel or Cobalt based)               | 250                            | 15-20                                           | 0.03                                 |
|                                          | 时效 (镍或钴基合金)<br>Aged (Nickel or Cobalt based)                   | 350                            | 10-15                                           | 0.03                                 |
|                                          | 钛合金 Titanium Alloys                                            |                                |                                                 |                                      |
|                                          | 纯度 99.5 Ti Pure 99.5 Ti                                        | 400Rm                          | 60-100                                          | 0.03                                 |
|                                          | α+β 合金 α+β Alloys                                              | 1050Rm                         | 40-50                                           | 0.03                                 |
| H<br>硬材料<br>Hardened Material            | 超硬钢 Extra Hard Steel                                           |                                |                                                 |                                      |
|                                          | 淬硬化处理 & 热处理<br>Hardened & Tempered                             | 45-50HRc                       | 20-40                                           | 0.02                                 |
|                                          |                                                                | 51-55HRc                       | 20-35                                           | 0.02                                 |

SC系列螺纹加工参数 SC Series Threading Cutting Data

CUTOUTIL TOOLS

Precision Cutting Tools

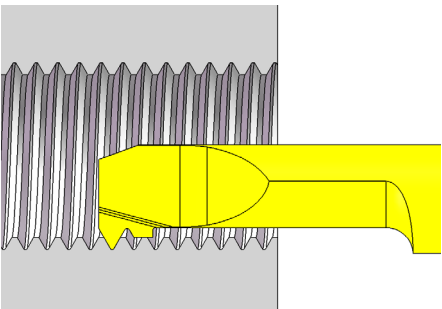
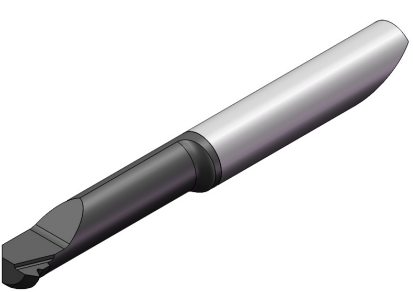
推荐切削速度 Vc[m/min]Recommended Cutting Speeds Vc[m/min]

| 材料<br>Material<br>Group               | 材料<br>Material                                                 | 布氏硬度<br>Hardness<br>Brinell HB                       | Vc<br>[m/ 分钟]<br>(带涂层)<br>Vc[m/min]<br>(Coated) |
|---------------------------------------|----------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|
| P<br>钢<br>Steel                       | 碳钢 Unalloyed Steel                                             | 低碳钢 (C=0.1-0.25%)<br>Low Carbon (C=0.1-0.25%)        | 125                                             |
|                                       |                                                                | 中碳钢 (C=0.25-0.55%)<br>Medium Carbon (C=0.25-0.55%)   | 150                                             |
|                                       |                                                                | 高碳钢 (C=0.55-0.85%)<br>High Carbon (C=0.55-0.85%)     | 170                                             |
|                                       |                                                                |                                                      | 140-200                                         |
|                                       | 低合金钢 (合金元素≤ 5%)<br>Low Alloy Steel<br>(alloying elements ≤ 5%) | 未硬化处理 Non Hardened                                   | 180                                             |
|                                       |                                                                | 淬硬化处理 Hardened                                       | 275                                             |
|                                       |                                                                | 淬硬化处理 Hardened                                       | 350                                             |
|                                       |                                                                | 退火处理 Annealed                                        | 200                                             |
|                                       | 高合金钢 (合金元素 >5%)<br>High Alloy Steel<br>(alloying elements>5%)  | 退火处理 Annealed                                        | 200                                             |
|                                       |                                                                | 淬硬化处理 Hardened                                       | 325                                             |
| M<br>不锈钢<br>Stainless Steel           | 铸钢 Cast Steel                                                  | 低合金 (合金元素≤ 5%)<br>Low Alloy (alloying elements ≤ 5%) | 200                                             |
|                                       |                                                                | 高合金 (合金元素 >5%)<br>High Alloy (alloying elements>5%)  | 225                                             |
|                                       |                                                                |                                                      | 30-50                                           |
|                                       |                                                                |                                                      | 25-40                                           |
|                                       | 铁素体不锈钢<br>Stainless Steel Ferritic                             | 未硬化处理 Non Hardened                                   | 200                                             |
|                                       |                                                                | 淬硬化处理 Hardened                                       | 330                                             |
|                                       |                                                                | 奥氏体不锈钢<br>Stainless Steel Austenitic                 | 180                                             |
|                                       |                                                                | 超级奥氏体 Super Austenitic                               | 200                                             |
|                                       | 铁素体铸造不锈钢<br>Stainless Steel Cast Ferritic                      | 未硬化处理 Non Hardened                                   | 200                                             |
|                                       |                                                                | 淬硬化处理 Hardened                                       | 330                                             |
| K<br>铸铁<br>Cast Iron                  | 可锻造铸铁<br>Malleable Cast Iron                                   | 铁素体 (短屑) Ferritic (short chips)                      | 130                                             |
|                                       |                                                                | 珠光体 (长屑) Pearlitic (long chips)                      | 230                                             |
|                                       | 灰铸铁 Grey Cast Iron                                             | 低抗拉强度 Low Tensile Strength                           | 180                                             |
|                                       |                                                                | 高抗拉强度 High Tensile Strength                          | 260                                             |
|                                       | 球墨铸铁 Nodular SG Iron                                           | 铁素体 (短屑) Ferritic                                    | 160                                             |
|                                       |                                                                | 珠光体 (长屑) Pearlitic                                   | 260                                             |
| N<br>有色金属<br>Non-Ferrous Metals       | 锻造铝合金<br>Aluminum Alloys Wrought                               | 未时效 Non Aging                                        | 60                                              |
|                                       |                                                                | 时效 Aged                                              | 100                                             |
|                                       | 铝合金 Aluminum Alloys                                            | 铸造 Cast                                              | 75                                              |
|                                       |                                                                | 铸造 + 时效 Cast & Aged                                  | 90                                              |
|                                       | 铝合金 Aluminum Alloys                                            | 铸造 Si 13-22% Cast Si 13-22%                          | 130                                             |
|                                       |                                                                | 黄铜 Brass                                             | 90                                              |
|                                       | 铜和铜合金<br>Copper and Copper Alloys                              | 青铜和无铅铜<br>Bronze and non leaded Copper               | 100                                             |
|                                       |                                                                |                                                      | 80-200                                          |
| S<br>耐高温材料<br>Heat Resistant Material | 高温合金<br>High Temperature Alloys                                | 退火处理 (铁基) Annealed (Iron based)                      | 200                                             |
|                                       |                                                                | 时效 (铁基) Aged (Iron based)                            | 280                                             |
|                                       |                                                                | 退火 (镍或钴基合金)<br>Annealed (Nickel or Cobalt based)     | 250                                             |
|                                       |                                                                | 时效 (镍或钴基合金)<br>Aged (Nickel or Cobalt based)         | 350                                             |
|                                       | 钛合金 Titanium Alloys                                            | 纯度 99.5 Ti Pure 99.5 Ti                              | 400Rm                                           |
|                                       |                                                                | α+β 合金 α+β Alloys                                    | 1050Rm                                          |
| H<br>硬材料<br>Hardened Material         | 超硬钢 Extra Hard Steel                                           | 淬硬化处理 & 热处理<br>Hardened & Tempered                   | 45-50HRc                                        |
|                                       |                                                                |                                                      | 51-55HRc                                        |

SC系列螺纹加工参数 SC Series Threading Cutting Dat

CUTOUTIL TOOLS

Precision Cutting Tools



转速计算 Calculation of N[RPM]

$$N = \frac{1000 \times V_c}{\pi \times D}$$
$$V_c = \frac{N \times \pi \times D}{1000}$$

N-每分钟回转次数[RPM]

N-Revolution Per Minute[RPM]

Vc-切削速度[m/min]

Vc-Cutting Speed[m/mm]

D-工件直径[mm]

D-Workpiece Diameter[mm]

螺纹加工步数 Number of Passes for Threading

| 螺距<br>Pitch                           | mm  | 0.50 | 0.75 | 1.00 | 1.25 | 1.50 | 1.75  | 2.00  |
|---------------------------------------|-----|------|------|------|------|------|-------|-------|
|                                       | tpi | 48   | 32   | 24   | 20   | 16   | 14    | 12    |
| 走刀次数<br>No. of Passes<br>(microscope) |     | 6-9  | 6-11 | 6-12 | 8-14 | 9-15 | 11-18 | 11-18 |

推荐切削速度 Vc[m/min]Recommended Cutting Speeds Vc[m/min]

在有送料机的机床（走芯机，棒料机等）中，棒料送料机的转速限制通常决定了实际的切削速度。

如果机器可以达到以下推荐的切削速度，则应使用下表中的推荐切削速度。

225系列刀具可以使用比设计推荐速度更低的线速度，并且如果需要的话也可以比推荐速度提高40%，取决于材料特性，例如硬度和抗拉强度。

In bar-feeder machines（Swiss Type, Slide Machines, etc.）, turn speed limitations of the bar feeder often dictate the actual cutting speed.

The recommended cutting speeds in the table below should be used if the machine can achieve such speeds.

225 Series tools are also designed to work at much lower speeds, and up to 40% faster if needed, depending on the material properties, such as hardness and tensile strength.

| 材料组<br>Material Group                      | 材料<br>Material                                                                                            |                                                                          | Vc[m/min]     |                   |                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------|-------------------|-------------------|
|                                            |                                                                                                           |                                                                          | 车削<br>Turning | 切断<br>Parting Off | 螺纹加工<br>Threading |
| P<br><br>钢<br>Steel                        | 非合金钢 Unalloyed Steel<br>低碳钢 Low Carbon Steel                                                              |                                                                          | 150           | 110               | 150               |
|                                            | 低合金钢<br>合金钢 <750 Rm[N / mm <sup>2</sup> ]<br>Low Alloy Steel<br>5 Alloy Steel<750 Rm[N/mm <sup>2</sup> ]  |                                                                          | 100           | 75                | 100               |
|                                            | 高合金钢<br>合金钢 >750 Rm[N / mm <sup>2</sup> ]<br>High Alloy Steel<br>8 Alloy Steel>750 Rm[N/mm <sup>2</sup> ] |                                                                          | 75            | 55                | 75                |
|                                            |                                                                                                           |                                                                          |               |                   |                   |
| M<br><br>不锈钢<br>Stainless Steel            | 不锈钢 Stainless Steel                                                                                       |                                                                          | 65            | 50                | 65                |
| N<br><br>有色金属<br>Non-Ferrous Metals        | 铝合金<br>铝合金硅 >12%<br>Aluminum Alloys<br>Aluminum Si>12%                                                    |                                                                          | 500           | 380               | 200               |
|                                            | 铜和铜合金<br>黄铜，青铜<br>Copper and Copper Alloys<br>Brass, Bronze                                               |                                                                          | 350           | 250               | 150               |
| S<br><br>耐热合金材料<br>Heat Resistant Material | 高温合金和钛合金<br>High Temperature Alloys<br>and Titanium Alloys                                                | 钛合金 <600 Rm[N / mm <sup>2</sup> ]<br>Titanium<600 Rm[N/mm <sup>2</sup> ] | 60            | 40                | 50                |
|                                            |                                                                                                           | 钛合金 >900 Rm[N / mm <sup>2</sup> ]<br>Titanium>900 Rm[N/mm <sup>2</sup> ] | 35            | 30                | 35                |

推荐进给 f[mm/rev] 和切深 Recommended Feeds f[mm/rev]and Depth of Cut

表中推荐未切断和车削起始加工参数，根据材料性能（例如硬度和拉伸强度）的不同，切削条件可以提高30%。

The cutting conditions for Parting Off and Turning applications in the table below are recommended starting points, which may be increased by up to 30%, depending on material properties, such as hardness and tensile strength.

| 材料组<br>Material Group                  | 材料<br>Material                                                                  |                                               | 切削宽度<br>Cutting Width<br>(mm)                 | 切 断<br>Parting Off  | 车 削<br>Turning              |                     |
|----------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|---------------------|-----------------------------|---------------------|
|                                        |                                                                                 |                                               |                                               | 进给 Feed<br>(mm/rev) | 切 深<br>Depth of Cut<br>(mm) | 进给 Feed<br>(mm/rev) |
| P<br>钢<br>Steel                        | 非合金钢 Unalloyed Steel<br>低碳钢 Low Carbon Steel                                    |                                               | 0.5-1.0                                       | 0.04                | 0.05-1.2                    | 0.06                |
|                                        |                                                                                 |                                               | 1.2-1.8                                       | 0.08                | 1.2-2.5                     | 0.12                |
|                                        |                                                                                 |                                               | 2.0-3.0                                       | 0.12                | 2.5-4.0                     | 0.18                |
|                                        | 低合金钢<br>合金钢 <750 Rm[N / mm²]<br>Low Alloy Steel<br>5 Alloy Steel<750 Rm[N/mm²]  |                                               | 0.5-1.0                                       | 0.03                | 0.05-1.2                    | 0.04                |
|                                        |                                                                                 |                                               | 1.2-1.8                                       | 0.06                | 1.2-2.5                     | 0.08                |
|                                        |                                                                                 |                                               | 2.0-3.0                                       | 0.10                | 2.5-4.0                     | 0.14                |
|                                        | 高合金钢<br>合金钢 >750 Rm[N / mm²]<br>High Alloy Steel<br>8 Alloy Steel>750 Rm[N/mm²] |                                               | 0.5-1.0                                       | 0.02                | 0.05-1.2                    | 0.03                |
|                                        |                                                                                 |                                               | 1.2-1.8                                       | 0.05                | 1.2-2.5                     | 0.08                |
|                                        |                                                                                 |                                               | 2.0-3.0                                       | 0.08                | 2.5-4.0                     | 0.12                |
| M<br>不锈钢<br>Stainless Steel            | 不锈钢 Stainless Steel                                                             |                                               | 0.5-1.0                                       | 0.025               | 0.04-0.08                   | 0.04                |
|                                        |                                                                                 |                                               | 1.2-1.8                                       | 0.035               | 0.08-1.5                    | 0.05                |
|                                        |                                                                                 |                                               | 2.0-3.0                                       | 0.06                | 1.5-3.0                     | 0.08                |
| N<br>有色金属<br>Non-Ferrous Metals        | 铝合金<br>铝合金硅 >12%<br>Aluminum Alloys<br>Aluminum Si>12%                          |                                               | 0.5-1.0                                       | 0.06                | 0.05-1.2                    | 0.08                |
|                                        |                                                                                 |                                               | 1.2-1.8                                       | 0.12                | 1.2-2.5                     | 0.18                |
|                                        |                                                                                 |                                               | 2.0-3.0                                       | 0.18                | 2.5-4.0                     | 0.25                |
|                                        | 铜和铜合金<br>黄铜，青铜<br>Copper and Copper Alloys<br>Brass, Bronze                     |                                               | 0.5-1.0                                       | 0.06                | 0.05-1.2                    | 0.08                |
|                                        |                                                                                 |                                               | 1.2-1.8                                       | 0.12                | 1.2-2.5                     | 0.18                |
|                                        |                                                                                 |                                               | 2.0-3.0                                       | 0.18                | 2.5-4.0                     | 0.25                |
| S<br>耐热合金材料<br>Heat Resistant Material | 高温合金和钛合金<br>High Temperature Alloys<br>and Titanium Alloys                      | 钛合金 <600 Rm[N /mm²]<br>Titanium<600 Rm[N/mm²] | 0.5-1.0                                       | 0.02                | 0.04-0.08                   | 0.03                |
|                                        |                                                                                 |                                               | 1.2-1.8                                       | 0.04                | 0.08-1.5                    | 0.06                |
|                                        |                                                                                 |                                               | 2.0-3.0                                       | 0.06                | 1.5-3.0                     | 0.10                |
|                                        |                                                                                 |                                               | 钛合金 >900 Rm[N /mm²]<br>Titanium>900 Rm[N/mm²] | 0.5-1.0             | 0.01                        | 0.04-0.08           |
|                                        |                                                                                 | 1.2-1.8                                       |                                               | 0.025               | 0.08-1.5                    | 0.04                |
|                                        |                                                                                 | 2.0-3.0                                       |                                               | 0.04                | 1.5-3.0                     | 0.08                |

推荐材质，切削速度 Vc[m/min], 进给 f[mm/rev] 以及最大切深 [mm]  
Recommended Grades, Cutting Speeds Vc[m/min], Feed f[mm/rev]and Max. Depth[mm]

| 材料组<br>Material Group                  | 材料<br>Material                                                 |                                                     | 布氏硬度<br>Hardness<br>Brinell HB | Vc[m/min]         |                | 半径方向<br>最大切深<br>(mm)<br>Max Depth<br>on R[mm] |
|----------------------------------------|----------------------------------------------------------------|-----------------------------------------------------|--------------------------------|-------------------|----------------|-----------------------------------------------|
|                                        |                                                                |                                                     |                                | 螺纹加工<br>Threading | 切槽<br>Grooving | 镗孔<br>Boring                                  |
| P<br>钢<br>Steel                        | 非合金钢 Unalloyed Steel                                           | 低碳钢 (C=0.1-0.25%)<br>Low Carbon (C=0.1-0.25%)       | 125                            | 40-80             | 40-180         | 0.30-0.50                                     |
|                                        |                                                                | 中碳钢 (C=0.25-0.55%)<br>Medium Carbon (C=0.25-0.55%)  | 150                            | 40-80             | 40-170         | 0.30-0.50                                     |
|                                        |                                                                | 高碳钢 (C=0.55-0.85%)<br>High Carbon (C=0.55-0.85%)    | 170                            | 40-80             | 40-160         | 0.25-0.35                                     |
|                                        | 低合金钢 (合金元素≤ 5%)<br>Low Alloy Steel<br>(alloying elements ≤ 5%) | 未淬火 Non hardened                                    | 180                            | 40-80             | 40-155         | 0.28-0.45                                     |
|                                        |                                                                | 硬化处理 Hardened                                       | 275                            | 40-80             | 40-160         | 0.25-0.45                                     |
|                                        |                                                                | 硬化处理 Hardened                                       | 350                            | 40-80             | 40-150         | 0.25-0.40                                     |
|                                        | 高合金钢 (合金元素 >5%)<br>High Alloy Steel<br>(alloying elements>5%)  | 退火处理 Annealed                                       | 200                            | 40-60             | 40-115         | 0.20-0.30                                     |
|                                        |                                                                | 硬化处理 Hardened                                       | 325                            | 40-60             | 40-100         | 0.18-0.30                                     |
|                                        | 铸钢 Cast Steel                                                  | 低合金 (合金元素 <5%)<br>Low Alloy (alloying elements<5%)  | 200                            | 40-60             | 40-170         | 0.20-0.30                                     |
|                                        |                                                                | 高合金 (合金元素 >5%)<br>High Alloy (alloying elements>5%) | 225                            | 40-60             | 40-130         | 0.17-0.30                                     |
| M<br>不锈钢<br>Stainless Steel            | 铁素体不锈钢<br>Stainless Steel Ferritic                             | 未淬火 Non hardened                                    | 200                            | 40-60             | 40-180         | 0.22-0.34                                     |
|                                        |                                                                | 硬化处理 Hardened                                       | 330                            | 40-60             | 40-180         | 0.21-0.32                                     |
|                                        | 奥氏体不锈钢<br>Stainless Steel Austenitic                           | 奥氏体 Austenitic                                      | 180                            | 40-60             | 40-140         | 0.25-0.40                                     |
|                                        |                                                                | 超级奥氏体 Super Austenitic                              | 200                            | 40-60             | 40-140         | 0.17-0.26                                     |
|                                        | 铁素体铸造不锈钢<br>Stainless Steel Cast Ferritic                      | 未淬火 Non hardened                                    | 200                            | 40-60             | 40-140         | 0.25-0.37                                     |
|                                        |                                                                | 硬化处理 Hardened                                       | 330                            | 40-60             | 40-140         | 0.17-0.26                                     |
|                                        | 奥氏体铸造不锈钢<br>Stainless Steel Cast Austenitic                    | 奥氏体 Austenitic                                      | 200                            | 40-60             | 40-120         | 0.20-0.30                                     |
| K<br>铸铁<br>Cast Iron                   | 可锻铸铁<br>Malleable Cast Iron                                    | 铁素体 (短屑) Ferritic (short chips)                     | 130                            | 40-80             | 40-120         | 0.25-0.37                                     |
|                                        |                                                                | 珠光体 (长屑) Pearlitic (long chips)                     | 230                            | 40-80             | 40-100         | 0.20-0.30                                     |
|                                        | 灰铸铁 Grey Cast Iron                                             | 低拉伸强度 Low tensile strength                          | 180                            | 40-80             | 40-100         | 0.22-0.34                                     |
|                                        |                                                                | 高拉伸强度 High tensile strength                         | 260                            | 40-80             | 40-100         | 0.20-0.30                                     |
|                                        | 球墨铸铁 Nodular SG Iron                                           | 铁素体 Ferritic                                        | 160                            | 40-80             | 40-100         | 0.15-0.25                                     |
| N<br>有色金属<br>Non-Ferrous Metals        | 锻造铝合金<br>Aluminum Alloys Wrought                               | 无时效处理 Non aging                                     | 60                             | 40-120            | 40-400         | 0.60-1.00                                     |
|                                        |                                                                | 时效处理 Aged                                           | 100                            | 40-120            | 40-400         | 0.50-0.90                                     |
|                                        | 铝合金 Aluminum Alloys                                            | 铸造 Cast                                             | 75                             | 40-120            | 40-400         | 0.50-0.90                                     |
|                                        |                                                                | 铸件 & 时效处理 Cast & aged                               | 90                             | 40-120            | 40-200         | 0.40-0.60                                     |
|                                        | 铝合金 Aluminum Alloys                                            | 铸件 硅含量 13-22% Cast Si 13-22%                        | 130                            | 40-120            | 40-200         | 0.50-0.90                                     |
|                                        |                                                                | 黄铜 Brass                                            | 90                             | 40-120            | 40-200         | 0.60-1.00                                     |
|                                        | 铜和铜合金<br>Copper and Copper Alloys                              | 青铜和不含铅铜<br>Bronze and non leaded copper             | 100                            | 40-120            | 40-200         | 0.50-0.90                                     |
| S<br>耐热合金材料<br>Heat Resistant Material | 高温合金<br>High Temperature Alloys                                | 退火 (铁基) Annealed (Iron based)                       | 200                            | 20-30             | 20-30          | 0.12-0.22                                     |
|                                        |                                                                | 时效 (铁基) Aged (Iron based)                           | 280                            | 20-30             | 20-30          | 0.10-0.20                                     |
|                                        |                                                                | 退火 (镍基或钴基)<br>Annealed (Nickel or Cobalt based)     | 250                            | 15-20             | 15-20          | 0.08-0.20                                     |
|                                        |                                                                | 时效 (镍或钴基合金)<br>Aged (Nickel or Cobalt based)        | 350                            | 10-15             | 10-15          | 0.08-0.20                                     |
|                                        |                                                                |                                                     |                                |                   |                |                                               |
|                                        | 钛合金 Titanium Alloys                                            | 99.5 纯钛 Pure 99.5 Ti                                | 400Rm                          | 40-60             | 40-60          | 0.10-0.20                                     |
|                                        |                                                                | α+β 合金 α+β alloys                                   | 1050Rm                         | 20-30             | 20-30          | 0.10-0.20                                     |

进给 f[mm/rev]Feed Rate f[mm/rev]

|             |                  |           |                  |
|-------------|------------------|-----------|------------------|
| 切槽 Grooving | 0.02-0.05 mm/rev | 镗孔 Boring | 0.03-0.15 mm/rev |
|-------------|------------------|-----------|------------------|

螺纹加工 Threading  
切深及进刀次数 Depths of Cut and Number of Passes

1. 推荐使用高压内冷
2. 进刀方式：改进型侧向进刀°
1. High pressure coolant is recommended
2. Infeed method-modified flank infeed 1°

修正铁屑量法Option of modified volume chip

|                      | 螺距 Pitch<br>mm  | 0.5                                      | 0.75 |    | 1  | 1.25 |    |    | 1.5 | 1.75 | 2  | 2.5 | 3 | 3.5 | 4 |
|----------------------|-----------------|------------------------------------------|------|----|----|------|----|----|-----|------|----|-----|---|-----|---|
|                      | 螺距 Pitch<br>TPI | 48                                       | 32   | 27 | 24 | 20   | 19 | 18 | 16  | 14   | 12 | 10  | 8 | 7   | 6 |
| 刀片类型<br>Insert Style | 标准型<br>Standard | 走刀次数 (修正铁屑量)<br>Passes (modified volume) |      |    |    |      |    |    |     |      |    |     |   |     |   |
| BM07                 | ISO             | 13                                       | 19   |    | 25 | 16   |    |    | 19  | 22   |    |     |   |     |   |
|                      | UN              |                                          |      |    |    |      |    |    |     |      |    |     |   |     |   |
|                      | W               |                                          |      |    |    |      |    |    |     |      |    |     |   |     |   |
|                      | NPT             |                                          |      | 28 |    |      |    | 43 |     |      |    |     |   |     |   |

恒铁屑厚度法Option of constant depth chip

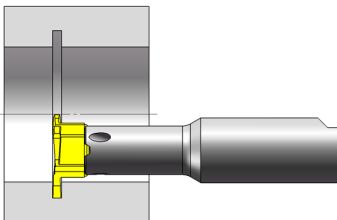
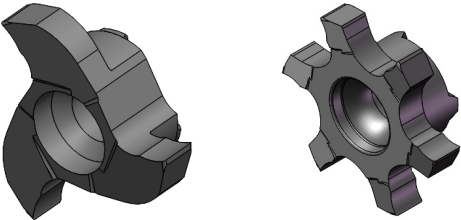
|                      | 螺距 Pitch<br>mm  | 0.5                        | 0.75  |       | 1     | 1.25  |    |       | 1.5   | 1.75  | 2  | 2.5 | 3 | 3.5 | 4 |
|----------------------|-----------------|----------------------------|-------|-------|-------|-------|----|-------|-------|-------|----|-----|---|-----|---|
|                      | 螺距 Pitch<br>TPI | 48                         | 32    | 27    | 24    | 20    | 19 | 18    | 16    | 14    | 12 | 10  | 8 | 7   | 6 |
| 刀片类型<br>Insert Style | 标准型<br>Standard | 走刀次数 (同上)<br>Passes (same) |       |       |       |       |    |       |       |       |    |     |   |     |   |
| BM07                 | ISO             | 11-24                      | 17-35 |       | 23-48 | 18-28 |    |       | 21-34 | 25-40 |    |     |   |     |   |
|                      | UN              |                            |       |       |       |       |    |       |       |       |    |     |   |     |   |
|                      | W               |                            |       |       |       |       |    |       |       |       |    |     |   |     |   |
|                      | NPT             |                            |       | 25-53 |       |       |    | 40-83 |       |       |    |     |   |     |   |

当使用高压内冷时，可减少走刀次数。  
Number of passes can be decreased when high pressure coolant is used.

327/627系列加工参数 327/627 Series Cutting Data

推荐材质，切削速度 Vc[m/min]，进给 f[mm/tooth]  
Recommended Grades, Cutting Speeds Vc[m/min], Feed f[mm/tooth]

| 材料组<br>Material Group                     | 材料<br>Material                                                 |                                                       | 布氏硬度<br>Hardness<br>Brinell<br>HB | Vc<br>[m/min] | 进给 f<br>[mm/ 齿 ]<br>Feed f<br>[mm/tooth] |
|-------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|-----------------------------------|---------------|------------------------------------------|
| P<br>钢<br>Steel                           | 非合金钢 Unalloyed Steel                                           | 低碳钢 (C=0.1-0.25%)<br>Low Carbon (C=0.1-0.25%)         | 125                               | 80-160        | 0.07-0.3                                 |
|                                           |                                                                | 中碳钢 (C=0.25-0.55%)<br>Medium Carbon (C=0.25-0.55%)    | 150                               | 80-150        | 0.07-0.3                                 |
|                                           |                                                                | 高碳钢 (C=0.55-0.85%)<br>High Carbon (C=0.55-0.85%)      | 170                               | 80150         | 0.07-0.3                                 |
|                                           |                                                                |                                                       |                                   |               |                                          |
|                                           | 低合金钢 (合金元素≤ 5%)<br>Low Alloy Steel<br>(alloying elements ≤ 5%) | 未淬火 Non hardened                                      | 180                               | 80-160        | 0.07-0.3                                 |
|                                           |                                                                | 淬硬化处理 Hardened                                        | 275                               | 80-150        | 0.07-0.3                                 |
|                                           |                                                                | 淬硬化处理 Hardened                                        | 350                               | 80-140        | 0.07-0.25                                |
|                                           | 高合金钢 (合金元素 >5%)<br>High Alloy Steel<br>(alloying elements>5%)  | 退火 Annealed                                           | 200                               | 60-100        | 0.07-0.3                                 |
|                                           |                                                                | 淬硬化处理 Hardened                                        | 325                               | 50-80         | 0.07-0.25                                |
| M<br>不锈钢<br>Stainless Steel               | 铸钢 Cast Steel                                                  | 低合金钢 (合金含量≤ 5%)<br>Low alloy (alloying elements ≤ 5%) | 200                               | 80-160        | 0.07-0.25                                |
|                                           |                                                                | 高合金钢 (合金含量 >5%)<br>High alloy (alloying elements>5%)  | 225                               | 60-120        | 0.07-0.25                                |
|                                           |                                                                |                                                       |                                   |               |                                          |
|                                           |                                                                |                                                       |                                   |               |                                          |
|                                           | 铁素体不锈钢<br>Stainless Steel Ferritic                             | 未淬火 Non hardened                                      | 200                               | 70-130        | 0.07-0.3                                 |
|                                           |                                                                | 淬硬化处理 Hardened                                        | 330                               | 60-110        | 0.04-0.25                                |
|                                           |                                                                | 奥氏体 Austenitic                                        | 180                               | 70-130        | 0.07-0.3                                 |
|                                           |                                                                | 超级奥氏体 Super Austenitic                                | 200                               | 60-120        | 0.07-0.25                                |
| K<br>铸铁<br>Cast Iron                      | 铁素体铸造不锈钢<br>Stainless Steel Cast Ferritic                      | 未淬火 Non hardened                                      | 200                               | 80-140        | 0.07-0.3                                 |
|                                           |                                                                | 淬硬化处理 Hardened                                        | 330                               | 60-100        | 0.07-0.25                                |
|                                           |                                                                | 奥氏体铸造不锈钢<br>Stainless Steel Cast Austenitic           | 200                               | 80-140        | 0.07-0.3                                 |
|                                           |                                                                | 淬硬化处理 Hardened                                        | 330                               | 60-100        | 0.07-0.25                                |
|                                           | 可锻造铸铁<br>Malleable Cast Iron                                   | 铁素体 (短屑) Ferritic (short chips)                       | 130                               | 50-70         | 0.07-0.3                                 |
|                                           |                                                                | 珠光体 (长屑) Pearlitic (long chips)                       | 230                               | 80-140        | 0.07-0.25                                |
|                                           |                                                                | 低抗拉强度 Low tensile strength                            | 180                               | 80-140        | 0.07-0.3                                 |
|                                           |                                                                | 高抗拉强度 High tensile strength                           | 260                               | 60-110        | 0.07-0.25                                |
| N<br>有色金属<br>Non-Ferrous<br>Metals        | 球墨铸铁 Nodular SG Iron                                           | 铁素体 Ferritic                                          | 160                               | 60-100        | 0.07-0.3                                 |
|                                           |                                                                | 珠光体 Pearlitic                                         | 260                               | 60-100        | 0.07-0.3                                 |
|                                           |                                                                |                                                       |                                   |               |                                          |
|                                           |                                                                |                                                       |                                   |               |                                          |
|                                           | 锻造铝合金<br>Aluminum Alloys Wrought                               | 无时效处理 Non aging                                       | 60                                | 80-300        | 0.07-0.3                                 |
|                                           |                                                                | 时效处理 Aged                                             | 100                               | 100-250       | 0.07-0.3                                 |
|                                           |                                                                | 铸造 Cast                                               | 75                                | 100-200       | 0.07-0.3                                 |
|                                           |                                                                | 铸件 & 时效 Cast & aged                                   | 90                                | 100-220       | 0.07-0.3                                 |
| S<br>耐热合金材料<br>Heat Resistant<br>Material | 铝合金 Aluminum Alloys                                            | 铸件 Si 13-22% Cast Si 13-22%                           | 130                               | 80-300        | 0.07-0.25                                |
|                                           |                                                                | 黄铜 Brass                                              | 90                                | 80-300        | 0.07-0.3                                 |
|                                           |                                                                | 青铜及无铅铜<br>Bronze and non leaded copper                | 100                               | 100-200       | 0.07-0.25                                |
|                                           |                                                                |                                                       |                                   |               |                                          |
|                                           | 铜和铜合金<br>Copper and Copper Alloys                              | 纯度 99.5 Ti Pure 99.5 Ti                               | 400Rm                             | 40-80         | 0.07-0.13                                |
|                                           |                                                                | 钛合金 Titanium Alloys                                   |                                   |               |                                          |
|                                           |                                                                | α+β 相钛合金 α+β alloys                                   | 1050Rm                            | 65-164        | .0028-.0051                              |
|                                           |                                                                |                                                       |                                   |               |                                          |



牌号介绍 Grade Description

| 牌号 Grade | 牌号介绍 Grade Description                                                                                                                                                                                                                                                | 涂层颜色             |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| M6       | 高硬度无涂层硬质合金牌号，推荐用于中高速加工铝件及其它非铁金属，也可用于中低速加工铸铁、钛合金。<br><br>A hard uncoated carbide grade, recommended for machining aluminum and other non-ferrous materials at medium to high cutting speeds. also Can be used for cast iron and Titanium alloys at low cutting speeds. | 无<br>non         |
| M5       | 无涂层硬质合金牌号，推荐用于中高速加工铝件及其它非铁金属，也可用于中低速加工铸铁、钛合金。<br><br>A uncoated carbide grade, recommended for machining aluminum and other non-ferrous materials at medium to high cutting speeds. also Can be used for cast iron and Titanium alloys at low cutting speeds.         | 无<br>non         |
| TA61     | 涂层硬质合金通用牌号，推荐用于加工钢件、合金钢、不锈钢，铸铁，中低速加工高温合金。<br><br>A general coated carbide grade, recommended for machining steels, alloy steels, stainless steels, cast iron and high temperature alloys at moderate cutting speeds.                                                  | 灰黑色<br>greyblack |
| TA51     | 涂层硬质合金通用牌号，推荐用于加工钢件、合金钢、不锈钢，铸铁，中低速加工高温合金。<br><br>A general coated carbide grade, recommended for machining steels, alloy steels, stainless steels, cast iron and high temperature alloys at moderate cutting speeds.                                                  | 灰黑色<br>greyblack |
| TD61     | 涂层硬质合金牌号，推荐用于加工不锈钢，也可用于加工钛合金及高温合金。<br><br>A coated carbide grade, recommended for machining stainless steels, also Can be used for machining Titanium alloys and high temperature alloys.                                                                             | 古铜色<br>bronze    |
| TD51     | 涂层硬质合金牌号，推荐用于加工不锈钢，也可用于加工钛合金及高温合金。<br><br>A coated carbide grade, recommended for machining stainless steels, also Can be used for machining Titanium alloys and high temperature alloys.                                                                             | 古铜色<br>bronze    |

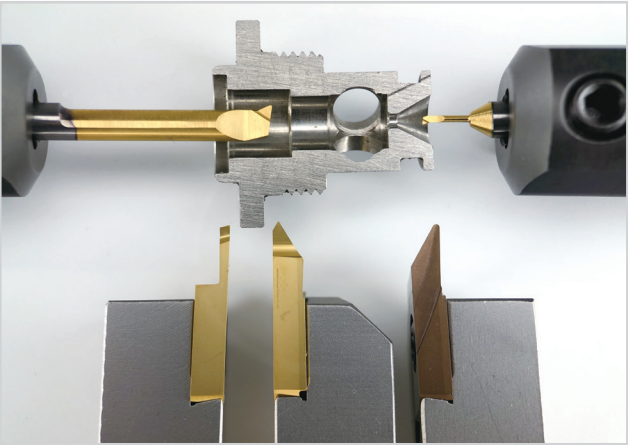
牌号介绍 Grade Description

CUTOUTIL TOOLS  
Precision Cutting Tools

| 牌号 Grade | 牌号介绍 Grade Description                                                                                                                                          | 涂层颜色             |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| CB10     | CBN 牌号，可用于加工淬硬钢。<br>CBN grade, Can be used in machining hard steels.                                                                                            | 无<br>non         |
| FH650M   | 涂层硬质合金牌号，可用于加工不锈钢、合金钢、钛合金及高温合金。<br>A coated carbide grade, Can be used in machining stainless steels, alloy steels, Titanium alloys and high temperature alloys | 古铜色<br>bronze    |
| FH650T   | 涂层硬质合金通用牌号，推荐用于加工易切削钢、马氏体不锈钢。<br>A general coated carbide grade, recommended for free-machining steel, martensitic stainless steel.                             | 灰黑色<br>greyblack |
| FH550T   | 涂层硬质合金通用牌号，推荐用于加工钢件、合金钢、不锈钢。<br>A general coated carbide grade, recommended for machining steels, alloy steels, stainless steels.                               | 灰黑色<br>greyblack |
| FH350S   | 涂层硬质合金牌号，推荐用于加工钢件、合金钢、不锈钢。<br>A coated carbide grade, recommended for machining steels, alloy steels, stainless steels.                                         | 古铜色<br>bronze    |
| FD200    | 金属陶瓷牌号，推荐用于加工钢件、灰口铸铁。<br>A cermet grade, recommended for machining steels, gray iron.                                                                           | 无<br>non         |
| FD200T   | 涂层金属陶瓷牌号，推荐用于加工钢件、灰口铸铁。<br>A coated cermet grade, recommended for machining steels, gray iron.                                                                  | 金黄色<br>golden    |

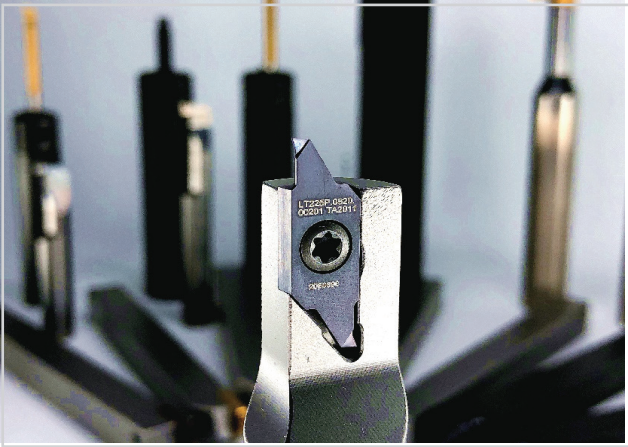
特殊应用介绍 Special Application

CUTOUTIL TOOLS  
Precision Cutting Tools



小零件加工方案  
Small parts machining

- 小孔镗刀
- Boring tools
- 小孔切槽
- Grooving
- 前扫
- Front turning
- 后扫
- Back turning
- 切槽
- Grooving
- 切断
- Parting off
- 车螺纹
- Thread turning



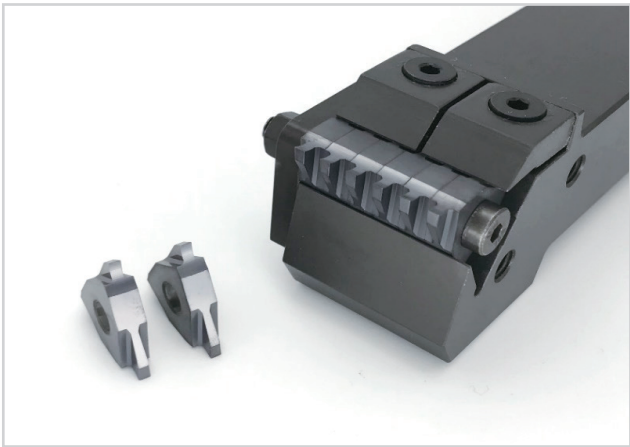
多刃口镗孔  
Multi edges boring tool

- 经济性更好
- Better economic efficiency
- 每个刀片2-4个切削刃
- 2-4 cutting edges
- 换刀便捷免对刀
- Tool change without tool setting
- 适合超大批量生产
- Suitable for ultra large batch production
- 锋利刀尖
- Sharp edge
- 强度刚性好
- Better rigidity



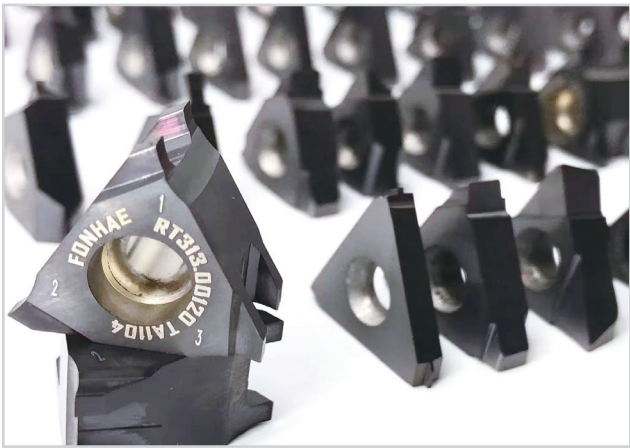
高压内冷槽（成型）刀  
High pressure internal cooling tools

- 冷却直达刀尖
- Cooling directly to the edge
- 最宽15.8mm
- Width up to 15.8
- 可以磨制断屑槽
- Grinding chip breaking
- 成型加工效率更高
- Higher efficiency
- 多种内冷形式
- Multiple internal cooling forms



高效率组合刀具  
High efficiency combination tools

- 加工效率提升2-6倍
- Improve processing efficiency by 2-6 times
- 超高刀具寿命
- Ultra high tool life
- 减小机床投入
- Reduce machine tool investment
- 适合大批量生产
- Suitable for mass production
- 提升机床利用率
- Improving machine tool utilization



非标槽刀及成型刀  
Special grooving and forming tools

- 加工效率提升 2-4倍
- Improve processing efficiency by 2-4 times
- 槽（轮廓）精度由刀具保证
- The accuracy of the groove is guaranteed by the tool
- 超高刀具寿命
- Ultra high tool life



应用技术是检验刀具性能的关键一步，设计制造的刀具是否可以满足客户要求，是否可以提升客户的加工效率，降低成本，都需要应用技术的支持。同样一把刀具，不同的加工参数和策略，结果可能会差异巨大。

如有任何需要请联系我们，期待与您合作！

Application technology is a key step to test tool performance. Whether the tool designed and manufactured can meet customer requirements, whether it can improve customer processing efficiency and reduce costs, all need the support of application technology. The same tool, different processing parameters and strategies, the results may be very different.

If you have any needs, please contact us and look forward to cooperating with you.